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SEEGER AND GUERNSEY'S CYCLOPÆDIA OF

The Manufactures and Products OF THE UNITED STATES

NEW YORK,

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SEEGER & GUERNSEY'S CYCLOPÆDIA

OF THE

Manufactures and Products

OF THE

UNITED STATES

SECTION I.

83011

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Yellow Metal Plates .....2367 R
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Yellow Oxide 2500
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Yellow Pine Ceiling .....310 J
Yellow Pine Flooring .....336 H
Yellow Pine Piling .....412 K
Yellow Pine Ties .....412 II
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Yellow Veals 1137
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Yuca Graters 1324
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Zinc Salts 267
Zincs, Battery .....459 G
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Zymosimeters 4561

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B. BICYCLE BOATS.	St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
C. CANVAS FOLDING BOATS.	King Folding Canvas Boat Co., Kalamazoo, Mich.
	Osgood Portable Boat Co., Battle Creek, Mich.
	Racine Yacht & Boat Works, Racine, Wis.
D. CAT BOATS.	Vaughan D. Bacon, Barnstable, Mass.
	Cornelius W. Crosby, Osterville, Mass.
	D. & C. H. Crosby, Osterville, Mass.
	H. Manley Crosby, foot 41st St., South Brooklyn, N. Y.
	Herbert F. Crosby, Osterville, Mass.
	Wilton Crosby, Osterville, Mass.
	A. Hansen, 57th St., South Brooklyn, N. Y.
E. CLUB BARGES.	Detroit Boat Works, Detroit, Mich.
F. CLUB WORKING BOATS.	Detroit Boat Works, Detroit, Mich.
	Racine Yacht & Boat Works, Racine, Wis.
	E. Waters & Son, Lansingburg, N. Y.
G. DINGEYS.	Racine Yacht & Boat Works, Racine, Wis.
	Spalding St. Lawrence Boat Co., Ogdensburg, N. Y.
H. FOLDING BOATS.	Acme Folding Boat Co., Miamisburg, O.
	Crane Bros., Westfield, Mass.
I. GALVANIZED STEEL BOATS.	A. G. Cuthbert, 141 South Water St., Chicago, Ill.
J. HUNTING BOATS.	Detroit Boat Works, Detroit, Mich.
	Racine Yacht & Boat Works, Racine, Wis.
	J. H. Rushton, Canton, N. Y.
	St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
K. KNOCKED DOWN BOATS.	American Boat Works, 3517 South 2d St., St. Louis, Mo.
L. LIFE BOATS.	Detroit Boat Works, Detroit, Mich.
	Higgins & Gifford Boat Mfg. Co., Gloucester, Mass.
	Racine Yacht & Boat Works, Racine, Wis.
	E. Waters & Son, Lansingburg, N. Y.
M. LINENOID BOATS.	Crane Bros., Westfield, Mass.
N. METALLIC LIFE BOATS	Detroit Boat Works, Detroit, Mich.
	Thos. Drein & Son, Wilmington, Del.
	John T. Smith, 159 South St., New York.
O. PAPER BOATS.	E. Waters & Son, Lansingburg, N. Y.
P. RACING SHELLS.	Detroit Boat Works, Detroit, Mich.
	E. Waters & Son, Lansingburg, N. Y.
Q. RIVER SKIFFS.	Racine Yacht & Boat Works, Racine, Wis.
	Skaneateles Boat & Canoe Co., Skaneateles, N. Y.
	John T. Smith, 159 South St., New York.
	Spalding St. Lawrence Boat Co., Ogdensburg, N. Y.
	St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
R. ROW BOATS.	Samuel Ayers & Son, Upper Nyack, N. Y.
	Crane Bros., Westfield, Mass.
	Detroit Boat Works, Detroit, Mich.
	Thos. Drein & Son, Wilmington, Del.

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Osgood Portable Boat Co., Battle Creek, Mich.
John W. Parker, Portland, Me.
Racine Boat Mfg. Co., Racine, Wis.
Racine Yacht & Boat Works, Racine, Wis.
J. H. Rushton, Canton, N. Y.
Orin Sheldon Co., 394 Atlantic Av., Boston, Mass.
John T. Smith, 159 South St., New York.
Spring Lake Clinker Boat Mfg. Co., Spring Lake, Mich.
Truscott Boat Mfg. Co., St. Joseph, Mich.
E. Waters & Son, Lansingburg, N. Y.

S. SAIL BOATS.
Thos. Clapham, Roslyn, N. Y.
Thos. Drein & Son, Wilmington, Del.
J. W. Hepburn, Toledo, O.
Manhattan Machinery Co., 95 Liberty St., New York. *14
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Osgood Portable Boat Co., Battle Creek, Mich.
Racine Boat Mfg. Co., Racine, Wis.
Racine Yacht & Boat Works, Racine, Wis.
J. H. Rushton, Canton, N. Y.
Orin Sheldon Co., 394 Atlantic Av., Boston, Mass.
John T. Smith, 159 South St., New York.
Spalding St. Lawrence Boat Co., Ogdensburg, N. Y.
Truscott Boat Mfg. Co., St. Joseph, Mich.

T. SHIP'S BOATS.
John T. Smith, 159 South St., New York.

U. SNEAK BOXES.
Racine Yacht & Boat Works, Racine, Wis.

V. VENEER BOATS.
Racine Boat Mfg. Co., Racine, Wis.

W. WHITEHALL BOATS.
Racine Yacht & Boat Works, Racine, Wis.

X. YACHT BOATS.
Henry A. Davidson, Calais, Me.
Detroit Boat Works, Detroit, Mich.
Thos. Drein & Son, Wilmington, Del.
Manhattan Machinery Co., 95 Liberty St., New York. *14
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Nilson Yacht Building Co., Baltimore, Md.
Racine Boat Mfg. Co., Racine, Wis.
Orin Sheldon Co., 394 Atlantic Av., Boston Mass.

Y. YAWLS.
Read Bros., Fall River, Mass.

2. CANAL BOATS.
Homer & Shaver, Buffalo, N. Y.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Union Dry Dock Co., Buffalo, N. Y.

3. CANOES.

A. BIRCH BARK CANOES.
Carleton Boat & Canoe Co., Old Town, Me.

B. CANVAS COVERED CANOES.
Carleton Boat & Canoe Co., Old Town, Me.

C. METALLIC CANOES.
Thomas Drein & Son, Wilmington, Del.

D. PAPER CANOES.
E. Waters & Son, Lansingburg, N. Y.

E. SAILING & PADDLING CANOES.
Thomas Drein & Son, Wilmington, Del.
C. B. Mather & Co., Rowley, Mass.
Racine Boat Mfg. Co., Racine, Wis.
Racine Yacht & Boat Works, Racine, Wis.
J. H. Rushton, Canton, N. Y.
St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
Orin Sheldon Co., 394 Atlantic Av., Boston, Mass.
Skaneateles Boat & Canoe Co., Skaneateles, N. Y.
E. Waters & Son, Lansingburg, N. Y.

F. SEAMLESS CANOES, LINENOID.
Crane Bros., Westfield, Mass.

4. DERRICK BOATS.
Thomas Carlins' Sons, Allegheny, Pa.

5. DREDGE BOATS.
J. H. Montgomery Mach. Co., 1220 Curtis St., Denver, Col.

6. DUMPING SCOWS.
Jackson & Sharp Co., Wilmington, Del.

7. LAUNCHES.
Gardner Motor Co., L't'd., New Orleans, La.
Pierce Engine Co., Racine, Wis.
Racine Yacht & Boat Works, Racine, Wis.
John T. Smith, 159 South St., New York.
Truscott Boat Mfg. Co., St. Joseph, Mich.
Wyckoff Bros., Clinton, Conn.

A. ELECTRICAL LAUNCHES.
Detroit Boat Works, Detroit, Mich.
Electric Boat Co., 2 Broad St., New York.
Electric Launch Co., Morris Heights, N. Y.
Riker Electric Motor Co., 45 York St., Brooklyn, N. Y.
Daimler Mfg. Co., 925 Steinway Av., Long Island City, N. Y.

B. GASOLINE LAUNCHES.
Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
D. H. Heckman, Kennebunkport, Me.

J. E. Lindsey, Grand Rapids, Mich.
Palmer Bros., Miamus, Conn.
J. H. Rushton, Canton, N. Y.
Wolverine Motor Works, 1 Huron St., Grand Rapids, Mich.

C. NAPHTHA LAUNCHES.

Horace J. Conley, Green Bay, Wis.
Gas Eng. & P. Co. & C. L. Seabury & Co., Morris Heights, N. Y.
Manhattan Machinery Co., 95 Liberty St., New York. *14
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Pierce Engine Co., Racine, Wis.
Racine Boat Mfg. Co., Racine, Wis.
Racine Yacht & Boat Works, Racine, Wis.
John T. Smith, 159 South St., New York.

D. STEAM LAUNCHES.

Edward S. Clark, 392 Atlantic Av., Boston, Mass.
Detroit Boat Works, Detroit, Mich.
Herreshoff Mfg. Co., Bristol, R. I.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Marine Iron Works, Station A, Chicago, Ill.
N. Y. Safety Steam Power Co., 107 Liberty St., New York.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Nilson Yacht Building Co., Baltimore, Md.
Pierce Engine Co., Racine, Wis.
Racine Boat Mfg. Co., Racine, Wis.
Racine Yacht & Boat Works, Racine, Wis.
Orin Sheldon Co., 394 Atlantic Av., Boston, Mass.
St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
Henry R. Stickney, Portland, Me.
Truscott Boat Mfg. Co., St. Joseph, Mich.
E. Waters & Son, Lansinburg, N. Y.
Charles P. Willard & Co., 15 N. Canal St., Chicago, Ill.

E. VAPOR LAUNCHES.

Marine Vapor Engine Co., Jersey City, N. J.
Racine Boat Mfg. Co., Racine, Wis.
Racine Yacht & Boat Works, Racine Junction, Wis.
John Stuart & Co., Wollaston, Mass.

8. LIGHTERS.

Atlantic Works, East Boston, Mass.
Columbian Iron Works & Dry Dock Co., Baltimore, Md.
Globe Iron Works Co., Elm & Spruce Sts., Cleveland, O.
Jackson & Sharp Co., Wilmington, Del.

A. CAR FLOATS.

Jackson & Sharp Co., Wilmington, Del.

9. OARS AND PADDLES.

De Grauw Aymar & Co., 34 South St., New York.
Detroit Boat Works, Detroit, Mich.
Est. Wm. Lyman, Middlefield, Conn.
Hinckley Bros. & Co., 58 Commercial St., Boston, Mass.
New York Boat Oar Co., 69 West St., New York.
Ohio Boat Oar Co., Cleveland, O.
Racine Yacht & Boat Works, Racine, Wis.
J. H. Rushton, Canton, N. Y.
T. J. Shaw & Co., 166 Commercial St., Boston, Mass.
John T. Smith, 159 South St., New York.
St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.

A. ROUGH OARS.

New York Boat Oar Co., 69 West St., New York.

B. SPOON OARS.

New York Boat Oar Co., 69 West St., New York.

10. RAFTS.

A. LIFE RAFTS.

Detroit Boat Works, Detroit, Mich.
D. Kahnweiler, 437 Pearl St., New York.
John T. Smith, 159 South St., New York.
E. Waters & Son, Lansingburg, N. Y.

B. METALLIC LIFE RAFTS.

Thos. Drein & Son, Wilmington, Del.

11. SHIPS.

A. IRON & STEEL SHIPS.

Bath Iron Works, Bath, Me.
Chicago Ship Building Co., 925 Rookery, Chicago, Ill.
Cleveland Ship Building Co., 120 Viaduct, Cleveland, O.
Columbian Iron Works & Dry Dock Co., Baltimore, Md.
Continental Iron Works, Calyer & West, Brooklyn, N. Y.
Wm. Cramp & Sons' Ship & Eng. Bldg. Co., Philadelphia, Pa.
Detroit Dry Dock Co., Detroit, Mich.
Globe Iron Works Co., Cleveland, O.
Harlan & Hollingsworth Co., Wilmington, Del.
Chas. Hillman Ship & Engine Bldg. Co., Philadelphia, Pa.
Neafie & Levy Ship & Engine Bldg. Co., Philadelphia, Pa.
Pusey & Jones Co., Wilmington, Del.
Racine Boat Mfg. Co., Racine, Wis.
Arthur Sewall & Co., Bath, Me.

B. SAILING VESSELS.

James M. Bayles & Son, Port Jefferson, L. I., N. Y.
John S. Blacham & Bro., Baltimore, Md.
Carleton, Norwood & Co., Rockport, Me.
J. Carll, Northport, N. Y.

John H. Dialogue & Son, Camden, N. J.
Jackson & Sharp Co., Wilmington, Del.
Kelly, Spear & Co., Bath, Me.
Morris & Mathis, Camden, N. J.
B. W. & H. F. Morse, Bath, Me.
New England Co., Bath, Me.
Geo. Russell, East Deering, Me.
Arthur Sewall & Co., Bath, Me.
Wm. Skinner & Sons, Baltimore, Md.
Sam'l W. Tilton & Son, Camden, N. J.
Matthew Turner, Benicia, Cal.

12. SHIPS OF WAR.

Bath Iron Works, Bath, Me.
Columbian Iron Works & Dry Dock Co., Baltimore, Md.
Wm. Cramp & Sons Ship & Dry Dock Co., Philadelphia, Pa.
Newport News Ship Bldg. & Dry Dock Co., Newport News, Va.
Lewis Nixon, Elizabethport, N. J.
Union Iron Works, San Francisco, Cal.

A. SUBMARINE BOATS.

Electric Boat Co., 20 Broad St., New York.

B. TORPEDO BOATS.

Bath Iron Works, Ltd., Bath, Me.
Gas Eng. & P. Co. & C. L. Seabury Co., Morris Heights, N. Y.
Herreshoff Mfg. Co., Bristol, R. I.
Neafie & Levy Ship & Engine Bldg. Co., Philadelphia, Pa.
Lewis Nixon, Elizabethport, N. J.
Racine Boat Mfg. Co., Racine, Wis.

13. STEAM BOATS.

Am. Steel Barge Co., W. Superior, Wis.
Delaware River I. S. B. Engine Works, Chester, Pa.
Jackson & Sharp Co., Wilmington, Del.
New England Co., Bath, Me.

A. FERRY BOATS.

Atlantic Works, 70 Border St., East Boston, Mass..
Columbian Iron Works & Dry Dock Co., Baltimore, Md.
Continental Iron Works, Calyer & West, Brooklyn, N. Y.
Detroit Boat Works, Detroit, Mich.
Detroit Dry Dock Co., Detroit, Mich.
Harlan & Hollingsworth Co., Wilmington, Del.
Jackson & Sharp Co., Wilmington, Del.
New England Co., Bath, Me.

B. STERN WHEEL BOATS.

Wolverine Motor Works, 1 Huron St., Grand Rapids, Mich.

C. TOW OR TUG BOATS.

Atlantic Works, 70 Border St., East Boston, Mass.
Detroit Boat Works, Detroit, Mich.
Detroit Dry Dock Co., Detroit, Mich.
Harlan & Hollingsworth Co., Wilmington, Del.
Jackson & Sharp Co., Wilmington, Del.
Neafie & Levy S. & E. B. Co., Philadelphia, Pa.
New England Co., Bath, Me.
Pusey & Jones Co., Wilmington, Del.
Racine Boat Mfg. Co., Racine, Wis.
James Rees & Son Co., Pittsburg, Pa.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.

14. STEAMSHIPS.

Atlantic Works, 70 Border St., East Boston, Mass.
Wm. Cramp & Sons' Ship & Eng. Bldg. Co., Philadelphia, Pa.
Delaware River I. S. B. & Engine Works, Chester, Pa.
Detroit Dry Dock Co., Detroit, Mich.
John H. Dialogue & Son, Camden, N. J.
Globe Iron Works Co., Elm & Spruce Sts., Cleveland, O.
Harlan & Hollingsworth Co., Wilmington, Del.
Jackson & Sharp Co., Wilmington, Del.
Neafie & Levy Ship & Engine Bldg. Co., Philadelphia, Pa.
New England Co., Bath, Me.
Newport News Ship Bldg. & Dry Dock Co., Newport News, Va.
Pusey & Jones Co., Wilmington, Del.
Union Iron Works, San Francisco, Cal.

15. TOW BARGES.

American Steel Barge Co., W. Superior, Wis.
Jackson & Sharp Co., Wilmington, Del.

16. YACHTS.

Samuel Ayers & Son, Upper Nyack, N. Y.
James M. Bayles & Sons, Port Jefferson, L. I., N. Y.
Wm. Cramp & Sons' Ship & Eng. Bldg. Co., Philadelphia, Pa.
A. G. Cuthbert, 141 S. Water St., Chicago, Ill.
Daimler Mfg. Co., 925 Steinway Av., Long Island City, N. Y.
Delaware I. S. B. & Engine Works, Chester, Pa.
Detroit Boat Works, Detroit, Mich.
Jacob T. Ellis & Son, Tottenville, S. I., N. Y.
Thos. Fearon, Yonkers, N. Y.
A. J. Frisbee, Salem, Mass.
Gas Eng. & P. Co. & C. L. Seabury & Co., Morris Heights, N. Y.
Harlan & Hollingsworth Co., Wilmington, Del.
Chas. B. Harrington, Bath, N. Y.

Herreshoff Mfg. Co., Bristol, R. I.
L. D. Huntington, Jr., New Rochelle, N. Y.
Geo. Lawley & Son, Inc.. E. 1st St., ft. of Ohio, Boston, Mass.
Manhattan Machinery Co., 95 Liberty St., New York. *14
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New England Co., Bath, Me.
Nilson Yacht Building Co., Baltimore, Md.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
William R. Osborn, Peekskill, N. Y.
R. Palmer & Son Ship Bldg. & Marine Ry. Co., Noank, Conn.
Pryor & Clark, foot M St., Boston, Mass.
Racine Yacht & Boat Works, Racine, Wis.
John P. Smith, Nyack, N. Y.
Spalding St. Lawrence Boat Co., Ogdensburg, N. Y.
John Stuart & Co., Wollaston, Mass.
Jos. Thomas & Son, Baltimore, Md.
Truscott Boat Mfg. Co., St. Joseph, Mich.
Wallin & Gorman, foot of 53d St., Brooklyn, N. Y.

A. IRON & STEEL YACHTS.
Wm. Cramp & Sons' Ship & Eng. Bldg. Co., Philadelphia, Pa.
Delaware I. S. B. & Engine Works, Chester, Pa.
Harlan & Hollingsworth Co., Wilmington, Del.
T. S. Marvel & Co., Newburg, N. Y.
Neafie & Levy S. & E. Co., Philadelphia, Pa.
New England Co., Bath, Me.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Pusey & Jones, Wilmington, Del.
Racine Boat Mfg. Co., Racine, Wis.

B. STEAM YACHTS.
Atlantic Works, 70 Border St., East Boston, Mass.
Edward S. Clark, 392 Atlantic Av., Boston, Mass.
Wm. Cramp & Sons' Ship & Eng. Bldg. Co., Philadelphia, Pa.
Detroit Boat Works, Detroit, Mich.
Gas Eng. & P. Co. & C. L. Seabury Co., Morris Heights, N. Y.
Harlan & Hollingsworth Co., Wilmington, Del.
Herreshoff Mfg. Co., Bristol, R. I.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Charles D. Mosher, 1 Broadway, New York.
New England Co., Bath, Me.
N. Y. Safety Steam Power Co., 107 Liberty St., New York.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Nilson Yacht Building Co., Baltimore, Md.
Racine Boat Mfg. Co., Racine, Wis.
Racine Yacht & Boat Works, Racine, Wis.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Orin Sheldon Co., 394 Atlantic Av., Boston, Mass.
St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
Henry R. Stickney, Portland, Me.
Truscott Boat Mfg. Co., St. Joseph, Mich.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.

C STEEL STEAM YACHTS.
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Detroit Dry Dock Co., Detroit, Mich.
Herreshoff Mfg. Co., Bristol, R. I.
Manhattan Machinery Co., 95 Liberty St., New York. *14
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Racine Boat Mfg. Co., Racine, Wis.

II. BOOTS AND SHOES.

17. BOOTEES.
Buell & Son, Waterville, N. Y.

18. BOOT LEGS & TOPS.
E. B. Stimpson & Son, 31 Spruce St., New York.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.

19. BOOTS.

A. BICYCLE BOOTS.
Chappaqua Shoe Co., Chappaqua, N. Y.
Utz & Dunn, Rochester, N. Y.

B. BOYS' BOOTS.
W. D. Brackett & Co., Boston, Mass.
Brown Shoe Co., St. Louis, Mo.
Buckingham & Hecht, Inc., San Francisco, Cal.

Geo. H. Burt & Co., 29 High St., Boston, Mass.
Cahn, Nickelsburg & Co., San Francisco, Cal.
Commonwealth Shoe & L. Co., 27 High St., Boston, Mass.
William Conlin & Son Co., Camden, N. J.
David Cummings Shoe Co., 19 High St., Boston, Mass.
Albert C. Eastwood, Rochester, N. Y.
Estabrook-Anderson Shoe Co., Lincoln St., Boston, Mass.
Fargo & Phelps, 44 S. Jefferson St., Chicago, Ill.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
Hazen B. Goodrich & Co., Haverhill, Mass.
Hanan & Son, 359 Fulton St., Brooklyn, N. Y.
Harrisburg Boot & Shoe Mfg. Co., Ltd., Harrisburg, Pa.
C. M. Henderson & Co., Inc., Adams & Market, Chicago, Ill.
Geo. E. Keith Co., Campello, Mass.
Mound City Boot & Shoe Co., St. Louis, Mo.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Rice & Hutchins, Inc., 125 Summer St., Boston, Mass.
Selz, Schwab & Co., Inc., Monroe, near Market, Chicago, Ill.
R. P. Smith & Sons Co., 230 Franklin St., Chicago, Ill.
Smith-Wallace Shoe Co., 237 Franklin St., Chicago, Ill.
Wallace, Elliott & Co.,118 Duane St., New York.
Warren Boot & Shoe Co., Boston, Mass.
Welch & Landregan, Lynn, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
Thos. White & Co., 28 Hight St., Boston, Mass.

C. CHILDREN'S BOOTS.
Brown Shoe Co., St. Louis, Mo.
Edwin C. Burt Co., 98 Centre St., New York.
A. F. Cox & Son, Portland, Me.
Davis Boot & Shoe Co., 93 Summer St., Boston, Mass.
Estabrook-Anderson Shoe Co., Boston, Mass.
Faunce & Spinney, Lynn, Mass.
C. M. Henderson & Co., Inc., Adams & Market, Chicago, Ill.
Phelps, Dodge, & Palmer Co., 185 Adams St., Chicago, Ill.
Strout, Sager & Co., Lynn, Mass.
Welch & Landregan, Lynn Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.

D. COWBOY BOOTS.
Foot, Schulze & Co., St. Paul, Minn.
Mound City Boot & Shoe Co., St. Louis, Mo.

E. FELT BOOTS.
Beatty Felting Co., Misahawaka, Ind.
Davis Boot & Shoe Co., 93 Summer St., Boston, Mass.
Grand Rapids Felt Boot Co., Grand Rapids, Mich.
Daniel Green & Co., Inc., 119 W. 23d St., New York.
Mishawaka Felt Boot & Shoe Co., Mishawaka, Ind.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Smith & Wallace Shoe Co., 237 Franklin St., Chicago, Ill.

F. FUR BOOTS.
La Grange Robe & Tanning Co., La Grange, Ind.

G. GOLF BOOTS.
Chappaqua Shoe Co., Chappaqua, N. Y.
Norman & Bennett, 144 High St., Boston, Mass.

H. HUNTING BOOTS.
Hanan & Son, 359 Fulton St., Brooklyn, N. Y.
Mound City Boot & Shoe Co., St. Louis, Mo.
Norman & Bennett, 144 High St., Boston, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Philbrook Shoe Co., Racine, Wis.
H. B. Reed & Co., S. Weymouth, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.

I. JOCKEY BOOTS.
Cahn, Nickelsburg & Co., San Francisco, Cal.
Hanan & Son, 359 Fulton St., Brooklyn, N. Y.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.

J. KNIT BOOTS.
Beatty Felting Co., Misahawaka, Ind.
Grand Rapids Felt Boot Co., Grand Rapids, Mich.
Smith & Wallace Shoe Co., 237 Franklin St., Chicago, Ill.

K. LADIES' BOOTS.
Bailey, Curtis & Co., Lynn, Mass.
Brophy Bros. Shoe Co., Lynn, Mass.
Chappaqua Shoe Co., Chappaqua, N. Y.
A. F. Cox & Son, Portland, Me.
W. B. Dibble, Lynn, Mass.
Arthur E. Gloyd, Lynn, Mass.
C. W. Herrick & Co., Lynn, Mass.
Howes & Co., Haverhill, Mass.
F. Mayer Bott & Shoe Co., Milwaukee, Wis.
J. E. Phelan, 9 Harrison Court, Lynn, Mass.
L. J. Richards & Co., Lynn, Mass.
Thayer, Maguire & Field, Haverhill, Mass.

L. LOG-DRIVERS' BOOTS.
Beals-Torrey Shoe Co., Milwaukee, Wis.
Bradley & Metcalf Co., Milwaukee, Wis.
David Cummings Shoe Co., 19 High St., Boston, Mass.

Foot, Schulze & Co., St. Paul, Minn.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
C. M. Henderson & Co., Inc., Adams & Market, Chicago, Ill.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Watsontown Boot & Shoe Co., Watsontown, Pa.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.

M. MEN'S & YOUTHS' BOOTS.
Jas. A. Banister, Newark, N. J.
Bay State Shoe & Leather Co., 91 Chambers St., New York.
Beals-Torry Shoe Co., Milwaukee, Wis.
Bradley & Metcalf Co., Milwaukee, Wis.
A. A. Briggs, Haverhill, Mass.
Brown Shoe Co., St. Louis, Mo.
Buckingham & Hecht, Inc., San Francisco, Cal.
Geo. H. Burt & Co., 29 High St., Boston, Mass.
Cahn, Nickelsburg & Co., San Francisco, Cal.
Clark, Colmary & Co., Baltimore, Md.
Wm. Conlin & Son Co., Camden, N. J.
David Cummings Shoe Co., 19 High St., Boston, Mass.
J. E. Dayton Co., Williamsport, Pa.
M. C. Dizer & Co., 111 Summer St., Boston, Mass.
William Dorsch & Sons' Shoe Mfg. Co., Newark, N. J.
Dunn & McCarthy, Inc., Auburn, N. Y.
Durland, Thompson & Co., Honesdale, Pa.
Estabrook-Anderson Shoe Co., Boston, Mass.
Fargo & Phelps, 44 S. Jefferson St., Chicago, Ill.
Foot, Schulze & Co., St. Paul, Minn.
Forbush & Brown, Buffalo, N. Y.
Frank & Adler, 4 S. Howard St., Baltimore, Md.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
Hazen B. Goodrich & Co., Haverhill, Mass.
Hanan & Son, 359 Fulton St., Brooklyn, N. Y.
Harrisburg Boot & Shoe Mfg. Co., Ltd., Harrisburg, Pa.
C. M. Henderson & Co., Inc., Adams & Market, Chicago, Ill.
G. D. Hill & Co., Baltimore, Md.
Hosmer, Codding Co., Boston, Mass.
Geo. E. Keith Co., Campello, Mass.
J. H. Lee & Co., 117 Pearl St., Boston, Mass.
H. Leh & Co., Allentown, Pa.
John E. Lentz, Allentown, Pa.
Marcy Bros. & Co., Hartford, Conn.
Mound City Boot & Shoe Co., St. Louis, Mo.
Packard & Field, Brockton, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
H. B. Reed & Co., S. Weymouth, Mass.
Rice & Hutchins, Inc., 125 Summer St., Boston, Mass.
D. Sauer Co., 180 Wabash Av., Chicago, Ill.
Selz, Schwab & Co., Inc., Monroe, near Market, Chicago, Ill.
J. P. Smith Shoe Co., 142 Erie St., Chicago, Ill.
R. P. Smith & Sons Co., 230 Franklin St., Chicago, Ill.
Smith-Wallace Shoe Co., 237 Franklin St., Chicago, Ill.
Strout, Sager & Co., Lynn, Mass.
Wallace, Elliott & Co., 118 Duane St., New York.
Warren Boot & Shoe Co., Boston, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
Thomas White & Co., 28 High St., Boston, Mass.
Zion's Co-operative Shoe Factory, Salt Lake City, Utah.

N. MINERS' BOOTS.
Beals-Torrey Shoe Co., Milwaukee, Wis.
David Cummings Shoe Co., 19 High St., Boston, Mass.
Fargo & Phelps, 44 S. Jefferson St., Chicago, Ill.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
C. M. Henderson & Co., Inc., Adams & Market, Chicago, Ill.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Selz, Schwab & Co., Inc., Monroe, near Market, Chicago, Ill.
Chas. L. Tracy, Towanda, Pa.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.

O. MISSES' BOOTS.
A. F. Cox & Son, Portland, Me.
Strout, Sager & Co., Lynn, Mass.

P. SPORTING BOOTS.
D. O'Brien & Sons, Charleston, S. C.

20. BROGANS.
Bradley & Sayward Shoe Co., 133 Summer St., Boston, Mass.
Geo. H. Burt & Co., 29 High St., Boston, Mass.
Croxton, Wood & Co., 255 N. 4th St., Philadelphia, Pa.
W. L. Douglas Shoe Co., Brockton, Mass.
Durland, Thompson & Co., Honesdale, Pa.
M. Elkin & Co., 415 Arch St., Philadelphia, Pa.
Foss, Packard & Co., Auburn, Me.
C. M. Henderson & Co., Inc., Adams & Market, Chicago, Ill.

Jos. M. Herman & Co., Boston, Mass.
E. & L. C. Keith, Campello, Mass.
Chas. H. Moulton & Co., 27 High St., Boston, Mass.
John O'Connell & Sons, 129 Summer St., Boston, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Selz, Schwab & Co., Inc., Monroe, near Market, Chicago, Ill.
R. P. Smith & Sons Co., 230 Franklin St., Chicago Ill.
Charles L. Tracy, Towanda, Pa.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.

21. BUSKINS.
L. C. Bliss & Co., Boston, Mass.
Cloutman, Dunham & Co., Boston, Mass.
Geo. F. Daniels & Co., 275 Congress St., Boston, Mass.
J. J. Grover's Sons, Lynn, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Pierce & Son, 127 Summer St., Boston, Mass.
Riverside Shoe Co., 239 Adams St., Chicago, Ill.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
William H. Wiley & Son, Hartford, Conn.

22. INSOLES.
A. BOUND CORK INSOLES. William H. Wiley & Son, Hartford, Conn.
B. GUMMED CORK LEATHER INSOLES. William H. Wiley & Son, Hartford, Conn.
C. SILK QUILTED INSOLES. William H. Wiley & Son, Hartford, Conn.

23. LEGGINS.
S. Borchardt & Co., 325 E. 103d St., New York.
E. C. Cook & Bros., 40 Dearborn St., Chicago, Ill.
S. Rauh & Co., 310 Sixth Av., New York.
Smith & Byron, 147 Fifth Av., Chicago, Ill.
Jacob Straus Saddlery Co., St. Louis, Mo.
William H. Wiley & Son, Hartford, Conn.

24. MOCCASINS.
E. A. Buck & Co., Bangor, Me.
R. H. Wait & Co., Boston, Mass.

25. OVERGAITERS.
S. Borchardt & Co., 325E. 103d St., New York.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
S. Rauh & Co., 310 Sixth Av., New York.
Smith & Bryon, 147 Fifth Ave., Chicago, Ill.
E. B. Stimpson & Son, 31 SpruceSt., New York.
Utz & Dunn, Rochester, N. Y.
William H. Wiley & Son, Hartford, Conn.

26. RUBBER BOOTS & SHOES.
American Rubber Co., 37 Bedford St., Boston, Mass.
Joseph Banigan Rubber Co., Providence, R. I.
Boston Rubber Shoe Co., Malden, Mass.
Augustus O. Bourn, 49 Westfield St., Providence, R. I.
Brown Shoe Co., Washington Ave., St. Louis, Mo.
Byfield Rubber Co., 289 Devonshire St., Boston, Mass.
L. Candee Co., New Haven, Conn.
Day Rubber Co., St. Louis, Mo.
H. F. C. Dovenmuehle & Son, 248 Monroe St., Chicago, Ill.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Goodyear's M. R. Shoe Co., Naugatuck, Conn.
Goodyear Rubber Co., 787 Broadway, New York.
Guthmann, Carpenter & Telling, 226 Franklin St., Chicago, Ill.
Hamilton-Brown Shoe Co., Washington Av., St. Louis, Mo.
C. M. Henderson & Co., Inc., Adams & Market Sts., Chicago, Ill.
Hood Rubber Co., Boston, Mass.
Hosmer, Codding Co., Boston, Mass.
Ind. Shoe & Rubber Co., 123 S. Meridan St., Indianapolis, Ind.
Lycoming Rubber Co., Williamsport, Pa.
Morse & Rogers, 136 Duane St., New York.
National India Rubber Co., 28 Lincoln St., Boston, Mass.
New Jersey Rubber Shoe Co., New Brunswick, N. J.
M. F. Reese Supply Co., Setauket, N. J.
United States Rubber Co., 43 Bedford St., Boston, Mass.
Woonsocket Rubber Co., Woonsocket, R. I.

A. ARCTICS.
Augustus O. Bourn, 49 Westfield St., Providence, R. I.
Goodyear's M. R. Shoe Co., Naugatuck, Conn.
Goodyear Rubber Co., 787 Broadway, New York.
National India Rubber Co., Bristol, R. I.
M. F. Reese Supply Co., Setauket, N. Y.
Woonsocket Rubber Co., Woonsocket, R. I.

B. LUMBERMEN'S OVER-SHOES.
Goodyear's M. R. Shoe Co., Naugatuck, Conn.
Goodyear Rubber Co., 787 Broadway, New York.
M. D. Wells & Co., 105 Monroe St., Chicago, Ill.
Woonsocket Rubber Co., Woonsocket, R. I.

C. RUBBER SANDALS.
Joseph Banigan Rubber Co., Providence, R. I.
Boston Rubber Shoe Co., 245 Causeway St., Boston, Mass.

Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Hogan Shoe Co., Aurora, Ind.
Woonsocket Rubber Co., Woonsocket, R. I.

D. RUBBER SPORTING BOOTS.
Bacon Falls Rubber Shoe Co., Bacon Falls, Conn.
Joseph Banigan Rubber Co., Providence, R. I.
Boston Rubber Shoe Co., 245 Causeway St., Boston, Mass.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Hodgman Rubber Co., 593 Broadway, New York.
Lycoming Rubber Co., 242 Monroe St., Chicago, Ill.

E. SANDALS.
Jos. Caunt & Co., Lynn, Mass.
Jos. Dickinson, 341 Broad St., Lynn, Mass.
Hogan Shoe Co., Aurora, Ind.

27. SHOES.

A. ATHLETIC SHOES.
Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
Boston Rubber Shoe Co., 245 Causeway St., Boston, Mass.
Overman Wheel Co., Chicopee Falls, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
A. G. Spaulding & Bros., Inc., 132 Nassau St., New York.

B. BATHING SHOES.
Goodyear India Rubber Glove Mfg. Co., Naugatuck, Conn.
S. Rauh & Co., 310 Sixth Av., New York.
William H. Wiley & Son, Hartford, Conn.

C. BICYCLE SHOES.
Chappaqua Shoe Co., Chappaqua, N. Y.
Joseph Dickinson, 341 Broad St., Lynn, Mass.
Overman Wheel Co., Chicopee Falls, Mass.
Utz & Dunn, Rochester, N. Y.
Witchell Sons & Gibson, Detroit, Mich.

D. BOWLING SHOES.
Witchell Sons & Gibson, Detroit, Mich.

E. BOYS' SHOES.
C. E. Aldrich & Co., 89 Bedford St., Boston, Mass.
Bacon & Sibley, Spencer, Mass.
James A. Banister Co., Newark, N. J.
Bay Shoe Co., Harrisburg, Pa.
W. D. Brackett & Co., Boston, Mass.
Brown Shoe Co., St. Louis, Mo.
A. E. Brown & Co., Orwigsburg, Pa.
Buckingham & Hecht, Inc., San Francisco, Cal.
Burley, Stevens & Co., Newburyport, Mass.
Byfield Rubber Co., 289 Devonshire St., Boston, Mass.
Commonwealth Shoe & Leather Co., 27 High St., Boston, Mass.
P. Cox Shoe Co., Rochester, N. Y.
David Cummings Shoe Co., 19 High St., Boston, Mass.
William Dorsch & Sons' Shoe Mfg. Co., Newark, N. J.
Duquesne Shoe Co., Inc., Pittsburg, Pa.
Durland, Thompson & Co., Honesdale, Pa.
Nath'l Fisher & Co., 146 Duane St., New York.
Forbush & Brown, Buffalo, N. Y.
Forwood Shoe Mfg. Co., 21 Strader Av., Cincinnati, O.
Friedman Bros. & Shafer, Washington Av., St. Louis, Mo.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
Hamilton-Brown Shoe Co., Washington Av., St. Louis, Mo.
Hanan & Son, 359 Fulton St., Brooklyn, N. Y.
Hayes & Partridge Shoe Co., 1103 Race St., Philadelphia, Pa.
C. M. Henderson & Co., Inc., Adams & Market Sts., Chicago, Ill.
Hill & Greene, 105 Summer St., Boston, Mass.
E. E. Hogan Shoe Mfg. Co., Newark, N. J.
Huiskamp Bros. Co., Keokuk, Iowa.
Jennings & Hayes, Haverhill, Mass.
Chas. Keighley & Sons, Vineland, N. J.
Geo. E. Keith Co., Campello, Mass.
Preston B. Keith Shoe Co., Campello, Mass.
Lamkin & Foster, 174 Congress St., Boston, Mass.
J. H. Lee & Co., 117 Pearl St., Boston, Mass.
J. B. Lewis, 301 Congress St., Boston, Mass.
H. H. Mawhinney Co., 27 High St., Boston, Mass.
John McNeil Shoe Co., Newark, N. J.
Milford Shoe Co., Milford, Mass.
John Mundell & Co., 127 N. 13th St., Philadelphia, Pa.
J. S. Nelson & Son Shoe Co., N. Grafton, Mass.
John O'Connell & Sons, 129 Summer St., Boston, Mass.
Packard & Field, Brockton, Mass.
Peters Shoe Co., 704 Washington Av., St. Louis, Mo.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Pierce & Son, 127 Summer St., Boston, Mass.
Pingree & Smith, Detroit, Mich.
L. M. Reynolds Co., Brockton, Mass.
Rice & Hutchins, Inc., 125 Summer St., Boston, Mass.
Robbins O. W. Shoe Co., Pittsfield, Mass.

Rockland Co., 292 Devonshire St., Boston, Mass.
Selz, Schwab & Co., Inc., Monroe near Market, Chicago, Ill.
Sharood & Crooks, Broadway & Fourth Sts., St. Paul, Minn.
Geo. Silver & Son, 451 Washington St., New York.
R. P. Smith & Sons Co., 230 Franklin St., Chicago, Ill.
Stacy, Adams & Co., Brockton, Mass.
Stowe, Bills & Hawley Co., 10 High St., Boston, Mass.
W. R. Usher & Son Shoe Co., Newburyport, Mass.
Wallace, Elliott & Co., 118 Duane St., New York.
Warren Boot & Shoe Co., 177 Congress St., Boston, Mass.
Washington Shoe Co., Haverhill, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
Thomas White & Co., 28 High St., Boston, Mass.
Frank E. White Co., Brockton, Mass.

F. CANVAS SHOES.

C. B. Lancaster Shoe Co., 89 Bedford St., Boston, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Pierce & Son, 127 Summer St., Boston, Mass.
J. F. Swain & Co., Lynn, Mass.

G. CHILDREN'S SHOES.

Bay Shoe Co., Harrisburg, Pa.
Beacon Shoe Mfg. Co., 109 Purchase St., Boston, Mass.
Jos. Bertsch, Rochester, N. Y.
Bielefeld & Spahn, 93 Reade St., New York.
F. R. Bird & Co., Haverhill, Mass.
Birdsboro Shoe Mfg. Co., Ltd., Birdsboro, Pa.
Bolton Shoe Co., Rochester, N. Y.
W. D. Brackett & Co., Boston, Mass.
A. E. Brown & Co., Orwigsburg, Pa.
Brown Shoe Co., Washington Av., c. 11th St., St. Louis, Mo.
Burley, Stevens & Co., Newburyport, Mass.
Edwin C. Burt & Co., 98 Centre St., New York.
Carlisle Shoe Co., Carlisle, Pa.
Clark, Colmary & Co., Baltimore, Md.
Colburn, Fuller & Co., 124 Summer St., Boston, Mass.
Wm. Conlin & Son Co., Camden, N. J.
J. T. Cousins, 373 De Kalb Av., Brooklyn, N. Y.
P. Cox Shoe Co., Rochester, N. Y.
David Cummings Shoe Co., 19 High St., Boston, Mass.
E. M. Dickinson & Co., 131 Summer St., Boston, Mass.
Dixon & Bartlett Co., Baltimore, Md.
N. D. Dodge & Bliss Co., Newburyport, Mass.
H. F. C. Dovenmuehle & Son, 248 Monroe St., Chicago, Ill.
Durland, Thompson & Co., Honesdale, Pa.
Ewald Bros., Deckertown, N. J.
Faunce & Spinney, Lynn, Mass.
Nathl. Fisher & Co., 146 Duane St., New York.
C. P. Ford & Co., Rochester, N. Y.
Friedman Bros. & Schafer, Washington av., St. Louis, Mo.
A. Garside & Sons, 131 Duane St., New York.
Hamilton-Brown S. Co., Washington Av., St. Louis, Mo.
Hamilton Shoe Co., 8 Dodge St., Salem, Mass.
Hanan-Mathewson Co., 63 Euclid Av., Cleveland, O.
Harper & Kirschten Shoe Co., 229 Monroe St., Chicago, Ill.
Harrisburg Boot & Shoe Mfg. Co., Harrisburg, Pa.
Hayes-Partridge Shoe Co., 1103 Race St., Philadelphia, Pa.
G. W. Herrick & Co., Lynn, Mass.
Hogan Shoe Co., Aurora, Ind.
E. E. Hogan Shoe Mfg. Co., Newark, N. J.
Huiskamp Bros. Co., Keokuk, Iowa.
Jennings & Hayes, Haverhill, Mass.
Kelley-Goodfellow Shoe Co., St. Louis, Mo.
Keystone Shoe Co., Kutztown, Pa.
Krippendorf-Dittman Co., Sycamore St., Cincinnati, O.
Laird, Schober & Co., N. 19th St., Philadelphia, Pa.
C. B. Lancaster Shoe Co., 89 Bedford St., Boston, Mass.
J. J. Lattemann Shoe Mfg. Co., 465 W. Broadway, New York.
Lounsbury & Soule, Stamford, Conn.
H. H. Mawhinney Co., 27 High St., Boston, Mass.
McIntosh & Co., Springfield, Mass.
Milford Shoe Co., Milford, Mass.
N. L. Millard & Co., 11 Union St., North Adams, Mass.
Moloney Bros. & Co., Rochester, N. Y.
John Mundell & Co., 127 W. 13th St., Philadelphia, Pa.
J. S. Nelson & Son Shoe Co., N. Grafton, Mass.
S. K. Newcomb, Rochester, N. Y.
Geo. E. Nicholson & Co., Lynn, Mass.
John O'Connell & Sons, 129 Summer St., Boston, Mass.

A. H. Oliver Co., Rochester, N. Y.
Peters Shoe Co., 704 Washington Av., St. Louis, Mo.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Pingree & Smith, Detroit, Mich.
Pontiac Shoe Mfg. Co., Pontiac, Ill.
Aug. Priesmeyer, Jefferson City, Mo.
R. S. Redfern, Rochester, N. Y.
J. Richardson & Co., Elmira, N. Y.
Riverside Shoe Co., 239 Adams St., Chicago, Ill.
Rochester Shoe Co., Rochester, N. Y.
Roney & Berger, Allentown, Pa.
Selz, Schwab & Co., Inc., Monroe, near Market, Chicago, Ill.
Schreier & Fritz, 138 Front St., Rochester, N. Y.
Sharood & Crooks, Broadway & Fourth St., St. Paul, Minn.
Geo. Silver & Son, 451 Washington St., New York.
Sinsheimer, Bach & Co., 147 5th Av., Chicago, Ill.
R. P. Smith & Sons Co., 230 Franklin St., Chicago, Ill.
Specialty Shoe Co., 151 5th Av., Chicago, Ill.
Star Shoe Co., Portsmouth, O.
Stevens-Walter Shoe Co., Louisville, Ky.
Stowe, Bills & Hawley Co., 10 High St., Boston, Mass.
Strootman Shoe Co., Buffalo, N. Y.
Thomas & Co., 304 Hewes St., Brooklyn, N. Y.
Wallace, Elliot & Co., 118 Duane St., New York.
S. Waterbury & Son, 321 Greenwich St., New York.
Welch & Landregans, Lynn, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
Williams, Hoyt & Co., Rochester, N. Y.
W. H. Wood & Co., Rochester, N. Y.
E. S. Woodbury & Lefavor, 129 Summer St., Boston, Mass.
Utz & Dunn, Rochester, N. Y.

H. CLOGS.
Cincinnati Wooden Sole Shoe Mfg. Co., Cincinnati, O.
R. Reinke & Co., Milwaukee, Wis.
Thos. Spencer, 235 W. 24th St., New York.

I. CORK-SOLE SHOES.
Bradley & Metcalf Co., Milwaukee, Wis.
Commonwealth Shoe & L. Co., 27 High St., Boston, Mass.
Ellis F. Copeland, Brockton, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.

J. CORSET SHOES.
J. J. Lattemann Shoe Mfg. Co., 465 W. Broadway, New York.

K. CROQUET SHOES.
Chappaqua Shoe Co., Chappaqua, N. Y.

L. FELT SHOES.
Beatty Felting Co., Misahawaka, Ind.
Davis Boot & Shoe Co., 93 Summer St., Boston, Mass.

M. FIREPROOF SHOES.
H. W. Johns Mfg. Co., 100 William St., New York.

N. GOLF SHOES.
Witchell Sons & Gibson, Detroit, Mich.

O. GYMNASIUM SHOES.
Baldwin & Lamkin Mfg. Co., Milford, Conn.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Norman & Bennett, 144 High St., Boston, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
Witchell Sons & Gibson, Detroit, Mich.

P. HOUSE SHOES.
Geo. F. Daniels & Co., 275 Congress St., Boston, Mass.

Q. HUNTING SHOES.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
Philbrook Shoe Co., Racine, Wis.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.

R. HYGIENIC SHOES.
Chas. H. Ingalls & Co., Lynn, Mass.
Ralston Health Shoe Makers, Campello, Mass.

S. INFANTS' SHOES.
Bay State S. & L. Co. of N. Y., 91 Chambers St., New York.
Jos. Bertsch, Rochester, N. Y.
Birdsboro Shoe Mfg. Co., Ltd., Birdsboro, Pa.
Brown Shoe Co., St. Louis, Mo.
A. E. Brown & Co., Orwigsburg, Pa.
Colburn, Fuller & Co., 124 Summer St., Boston, Mass.
P. Cox Shoe Co., Rochester, N. Y.
Robert Dix Shoe Mfg. Co., 23 S. 6th St., Brooklyn, N. Y.
N. D. Dodge & Bliss Co., Newburyport, Mass.
Fargo & Phelps, 44 S. Jefferson St., Chicago, Ill.
Frank & Adler, Baltimore, Md.
Hamilton-Brown Shoe Co., Washington Av., St. Louis, Mo.
Harrisburg Boot & Shoe Mfg. Co., Harrisburg, Pa.
Hayes & Partridge Shoe Co., 1103 Race St., Philadelphia, Pa.
G. D. Hill & Co., Baltimore, Md.
W. J. June, Rochester, N. Y.
Chas. Keighley & Sons, Vineland, N. J.
Mrs. C. H. King, 48 Mulberry St., Lynn, Mass.
C. E. Meade, Rochester, N. Y.
Moloney Bros. Co., Rochester, N. Y.
S. K. Newcomb, Rochester, N. Y.

A. H. Oliver Co., Rochester, N. Y.
Phelps, Dodge & Palmer S. Co., 185 Adams St., Chicago, Ill.
R. S. Redfern, Rochester, N. Y.
Riverside Shoe Co., 239 Adams St., Chicago, Ill.
Specialty Shoe Co., 151 5th Av., Chicago, Ill.
R. H. Wait & Co., Boston, Mass.
S. Waterbury & Son, 321 Greenwich St., New York.
Williams, Hoyt & Co., Rochester, N. Y.
W. H. Wood & Co., Rochester, N. Y.
Ziegler Bros., 117-121 N. 5th St., Philadelphia, Pa.

T. KANGAROO SHOES.

American Shoe Co., Lynn, Mass.
F. W. Clarke, Boston, Mass.
Hunt & Holbrook, Hartford, Conn.

U. LADIES' & MISSES' SHOES.

Baker & Bowman Co., Syracuse, N. Y.
Baldwin & Lamkin Mfg. Co., Milford, Conn.
J. A. Banister & Co., Newark, N. J.
Bay Shoe Co., Harrisburg, Pa.
Bay State Shoe & Leather Co., 91 Chambers St., New York.
Beacon Shoe Mfg. Co., 109 Purchase St., Boston, Mass.
J. C. Bennett, Lynn, Mass.
A. H. Berry Shoe Co., Portland, Me.
Jos. Bertsch, Rochester, N. Y.
F. R. Bird & Co., Haverhill, Mass.
Bolton Shoe Co., Rochester, N. Y.
Thos. Boyd & Co., 81 Reade St., New York.
W. D. Brackett & Co., 121 Summer St., Boston, Mass.
Bradley & Sayward S. Co., 133 Summer St., Boston, Mass.
Brennan & White, 54 Classon Av., Brooklyn, N. Y.
A. E. Brown & Co., Orwigsburg, Pa.
Brown Shoe Co., St. Louis, Mo.
Burley, Stevens & Co., Newburyport, Mass.
Edwin C. Burt & Co., 98 Centre St., New York.
Carlisle Shoe Co., Carlisle, Pa.
Chappaqua Shoe Co., Chappaqua, N. Y.
Cheshire Shoe Mfg. Co., Pittsfield, Mass.
Clark, Colmary & Co., 307 W. Mulberry St., Baltimore, Md
Wm. Conlin & Son Co., Camden, N. J.
J. T. Cousins, 373 De Kalb Av., Brooklyn, N. Y.
P. Cox Shoe Co., Rochester, N. Y.
Craddock & Terry Co., Lynchburg, Va.
Croxton, Wood & Co., 255 N. 4th St., Philadelphia, Pa.
David Cummings Shoe Co., 19 High St., Boston, Mass.
Dalton Shoe Co., Dalton, Mass.
Geo. F. Daniels & Co., 275 Congress St., Boston, Mass.
Davis Boot & Shoe Co., 93 Summer St., Boston, Mass.
J. E. Dayton Co., Williamsport, Pa.
W. B. Dibble, Lynn, Mass.
E. M. Dickinson & Co., 131 Summer St., Boston, Mass.
Robert Dix Shoe Mfg. Co., 23 S. 6th St., Brooklyn, N. Y.
Dixon-Bartlett Co., Baltimore, Md.
E. P. Dodge Mfg. Co., Newburyport, Mass.
H. F. C. Dovenmuehle & Son, 248 Monroe St., Chicago, Ill.
F. Irving Dow, Haverhill, Mass.
Downs & Watson Co., 254 Broad St., Lynn, Mass.
Drew Selby & Co., Portsmouth, O.
J. H. Dugin & Son, 103 Bedford St., Boston, Mass.
Dunn & McCarthy, Inc., Auburn, N. Y.
Durland, Thompson & Co., Honesdale, Pa.
Eagle Shoe Co., Fredericksburg, Va.
John Ebberts, Buffalo, N. Y.
Eddy & Webster Co., Rochester, N. Y.
Ewald Bros., Deckertown, N. J.
Fargo & Phelps, 44 S. Jefferson St., Chicago, Ill.
Faunce & Spinney, Lynn, Mass.
Nathl. Fisher & Co., 146 Duane St., New York.
Maurice Flynn, Lynn, Mass.
C. P. Ford & Co., Rochester, N. Y.
Forwood Shoe Mfg. Co., 21 Strader Av., Cincinnati, O.
John Foster & Co., Beloit, Wis.
A. F. Fox & Son, Portland, Me.
Frank & Alder, Baltimore, Md.
Friedman Bros. & Shafer, Washington Av., St. Louis, Mo.
A. Garside & Sons, 131 Duane St., New York.
Green & Wheeler Shoe Co., Fort Dodge, Iowa.
J. Grossman, 320 E. 95th St., New York.
J. J. Grover's Sons, Lynn, Mass.

Peter T. Hallahan, 759 Passayunk Av., Philadelphia, Pa.
Hamilton-Brown S. Co., Washington Av., St. Louis, Mo.
Hanan-Mathewson Co., 63 Euclid Av., Cleveland, O.
P. J. Harney & Co., Lynn, Mass.
Harper & Kirschten Shoe Co., 229 Monroe St., Chicago, Ill.
Harrisburg Boot & Shoe Mfg. Co., Ltd., Harrisburg, Pa.
Hayes-Partridge Shoe Co., 1103 Race St., Philadelphia, Pa.
C. M. Henderson & Co., Chicago, Ill.
Geo. W. Herrick & Co., Lynn, Mass.
Geo. D. Hill & Co., Baltimore, Md.
Hill & Greene, 105 Summer St., Boston, Mass.
Hogan Shoe Co., Aurora, Ind.
E. E. Hogan Shoe Mfg. Co., Newark, N. J.
Howes & Co., Haverhill, Mass.
James Huggins & Bros., 114 Duane St., New York.
Huiskamp Bros. Co., Keokuk, Iowa.
Hurley Shoe Co., Lynn, Mass.
Jennings & Hayes, Haverhill, Mass.
Jones & Earl Co., 157 5th Av., Chicago, Ill.
Frank Keene Co., Lynn, Mass.
Chas. Keighley & Sons, Vineland, N. J.
Kellam, Tilton & Co., Lynn, Mass.
Kelley-Goodfellow Shoe Co., St. Louis, Mo.
John Kelly, Rochester, N. Y.
Keystone Shoe Mfg. Co., Kutztown, Pa.
Kimball Bros., Manchester, N. H.
Krippendorf-Dittman Co., Cincinnati, O.
Krohn, Fechheimer & Co., Cincinnati, O.
Laird, Schober & Co., 19th & Buttonwood, Philadelphia, Pa.
C. B. Lancaster Shoe Co., 89 Bedford St., Boston, Mass.
J. J. Lattemann Shoe Mfg. Co., 465 W. Broadway, New York.
H. Leh & Co., Allentown, Pa.
John E. Lentz, Allentown, Pa.
Lindner Shoe Co., Carlisle, Pa.
Lounsbury Mathewson & Co., S. Norwalk, Conn.
Marcy Bros. & Co., Hartford, Conn.
Marvin Shoe Co., Jamestown, N. Y.
H. H. Mawhinney Co., 27 High St., Boston, Mass.
McIntosh & Co., Springfield, Mass.
H. W. Merriam Shoe Co., Newton, N. J.
Adolph Meyer & Co., 12 High St., Boston, Mass.
Maloney Bros. Co., Rochester, N. Y.
Wm. F. Morgan Co., Lynn, Mass.
Morse & Rogers, 134 Duane St., New York.
Mudge Shoe Co., 95 Bedford St., Boston, Mass.
John Mundell & Co., 127 N. 13th St., Philadelphia, Pa.
J. S. Nelson & Son Shoe Co., N. Grafton, Mass.
S. K. Newcomb, Rochester, N. Y.
Geo. E. Nicholson & Co., Lynn, Mass.
D. O'Brien & Sons, Charleston, S. C.
John O'Connell & Sons, 129 Summer St., Boston, Mass.
A. H. Oliver Co., Rochester, N. Y.
Ch. D. Pecker & Co., 27 Arch, Boston, Mass.
Peters Shoe Co., 704 Washington Av., St. Louis, Mo.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Philbrooke Shoe Co., Racine, Wis.
Pingree & Smith, Detroit, Mich.
Thos. G. Plant Co., Boston, Mass.
Pontiac Shoe Mfg. Co., Pontiac, Ill.
William Porter & Son, Lynn, Mass.
Portsmouth Shoe Co., Portsmouth, N. H.
Powell Bros. Shoe Co., 130 Duane St., New York.
Radcliffe Shoe Co., 2 High St., Boston, Mass.
E. P. Reed & Co., Rochester, N. Y.
Rich Shoe Co., Milwaukee, Wis.
J. Richardson & Co., Elmira, N. Y.
Riverside Shoe Co., 239 Adams St., Chicago, Ill.
Roberts, Johnson & Rand Shoe Co., St. Louis, Mo.
Rock Island Shoe Co., Rock Island, Ill.
Roney & Berger, Allentown, Pa.
Lewis P. Ross, Rochester, N. Y.
Selz, Schwab & Co., Inc., Monroe, near Market, Chicago, Ill.
Sharwood & Crooks, Broadway & Fourth St., St. Paul, Minn.
T. J. Shay & Co., 284 Madison St., Chicago, Ill.
Shillaber & Co., Lynn, Mass.
Geo. Silver & Son, 451 Washington St., New York.

Aaron F. Smith, Lynn, Mass.
R. P. Smith & Sons Co., 230 Franklin St., Chicago, Ill.
I. Sommerfield, 30 W. 13th St., New York.
Specialty Shoe Co., 151 5th Av., Chicago, Ill.
B. F. Spinney & Co., Norway, Me.
Stevens-Walter Shoe Co., Louisville, Ky.
Stowe, Bills & Hawley Co., 10 High St., Boston, Mass.
Strootman Shoe Co., Buffalo, N. Y.
Sussex Shoe Co., Newton, N. J.
Amos P. Tapley & Co., Boston, Mass.
Thomas & Co., 304 Hewes St., Brooklyn, N. Y.
Todd, Bancroft & Co., Rochester, N. Y.
Union Shoe Mfg. Co., Chillicothe, O.
Utz & Dunn, Rochester, N. Y.
Wallace, Elliott & Co., 118 Duane St., New York.
Warren Boot & Shoe Co., 177 Congress St., Boston, Mass.
S. Waterbury & Son, 321 Greenwich St., New York.
Welch & Landregan, Lynn, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
Williams, Clark & Co., Lynn, Mass.
Williams, Hoyt & Co., Rochester, N. Y.
Winch Bros., 136 Federal St., Boston, Mass.
W. H. Wood & Co., Rochester, N. Y.
E. S. Woodbury & Lefavor, 129 Summer St., Boston, Mass.
Mark J. Worthley, Lynn, Mass.
Wright, Peters & Co., Inc., Rochester, N. Y.
Young & Groh, Rochester, N. Y.
Ziegler Bros., 117 N. 5th St., Philadelphia, Pa.

V. MEN'S & YOUTHS' SHOES.

C. E. Aldrich & Co., 89 Bedford St., Boston, Mass.
Bacon & Sibley, Spencer, Mass.
Baldwin & Lamkin Mfg. Co., Milford, Conn.
Jas. A. Banister, 185 Washington St., Newark, N. J.
A. J. Bates & Co., Webster, Mass.
Bay Shoe Co., Harrisburg, Pa.
Blocher Mfg. Co., Buffalo, N. Y.
Boyden Shoe Co., Newark, N. J.
W. D. Brackett & Co., 121 Summer St., Boston, Mass.
Bradley & Metcalf Co., Milwaukee, Wis.
Brown Shoe Co., St. Louis, Mo.
Buckingham & Hecht, Inc., San Francisco, Cal.
Burley, Stevens & Co., Newburyport, Mass.
Byfield Rubber Co., 289 Devonshire St., Boston, Mass.
Clark, Colmary & Co., Baltimore, Md.
Ellis F. Copeland, Brockton, Mass.
P. Cox Shoe Co., Rochester, N. Y.
Lewis A. Crossett, North Abington, Mass.
David Cummings Shoe Co., 19 High St., Boston, Mass.
Dalton Shoe Co., Williamsport, Pa.
J. E. Dayton Co., Williamsport, Pa.
M. C. Dizer & Co., 111 Summer St., Boston, Mass.
Wm. Dorsch & Sons Shoe Mfg. Co., Newark, N. J.
W. L. Douglas Shoe Co., Brockton, Mass.
Dunn & McCarthy, Inc., Auburn, N. Y.
Durland, Thompson & Co., Honesdale, Pa.
Duquesne Shoe Co., Inc., Pittsburg, Pa.
Eagle Shoe Co., Fredericksburg, Va.
Seth Edmunds & Co., Summer & Bedford Sts., Boston, Mass.
Fargo & Phelps, 44 S. Jefferson St., Chicago, Ill.
Nath'l Fisher & Co., 146 Duane St., New York.
Florsheim & Co., 118 Market St., Chicago, Ill.
Forbush & Brown, Buffalo, N. Y.
Foreman Shoe Co., 128 State St., Chicago, Ill.
Forwood Shoe Mfg. Co., 21 Strader Av., Cincinnati, O.
Frank & Adler, 4 S. Howard St., Baltimore, Md.
Friedman Bros. & Shafer, Washington Av., St. Louis, Mo.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
Green & Wheeler Shoe Co., Fort Dodge, Iowa.
Hamilton Shoe Co., 8 Dodge St., Salem, Mass.
Hamilton-Brown Shoe Co., Washington Av., St. Louis, Mo.
Hanan & Son, 359 Fulton St., Brooklyn, N. Y.
Hanan-Mathewson Co., 63 Euclid Av., Cleveland, O.
Harrisburg Boot & Shoe Mfg. Co., Ltd., Harrisburg, Pa.
Hathaway, Soule & Harrington, Boston, Mass.
C. M. Henderson & Co., Inc., Adams & Market Sts., Chicago, Ill.
Heywood Boot & Shoe Co., Worcester, Mass.
G. D. Hill & Co., Baltimore, Md.

E. E. Hogan Shoe Mfg. Co., Newark, N. J.
Hosmer & Codding Co., 137 Federal St., Boston, Mass.
Howard & Foster, Brockton, Mass.
Howell Bros. Shoe Co., Dallas, Tex.
Ind. Shoe & Rubber Co., 123 S. Meridian St., Indianapolis, Ind.
Johnston & Murphy, Newark, N. J.
Jones & Earl Co., 157 Fifth Av., Chicago, Ill.
Chas. Keighley & Sons, Vineland, N. J.
Geo. E. Keith Co., Campello, Mass.
Preston B. Keith Shoe Co., Campello, Mass.
Lamkin & Foster, 174 Congress St., Boston, Mass.
J. H. Lee & Co., 117 Pearl St., Boston, Mass.
H. Leh & Co., Allentown, Pa.
John E. Lentz, Allentown, Pa.
J. B. Lewis, 301 Congress St., Boston, Mass.
Lilly-Brackett Co., Brockton, Mass.
Mauss Bruning Shoe Mfg. Co., Cincinnati, O.
Marcy Bros. & Co., Hartford, Conn.
H. T. Marshall Machinery Co., Brockton, Mass.
H. H. Mawhinney Co., 27 High St., Boston, Mass.
F. Mayer Boot & Shoe Co., Milwaukee, Wis.
McIntosh & Co., Springfield, Mass.
John McNeil Shoe Co., Newark, N. J.
Adolph Meyer & Co., 12 High St., Boston, Mass.
Milford Shoe Co., Milford, Mass.
N. L. Millard & Co., 11 Union St., North Adams, Mass.
Morse & Rogers, 134 Duane St., New York.
John Mundell & Co., 123 W. 13th St., Philadelphia, Pa.
J. S. Nelson & Son Shoe Co., N. Grafton, Mass.
A. E. Nettleton, Syracuse, N. Y.
D. O'Brien & Sons, Charleston, S. C.
M. A. Packard Co., Brockton, Mass.
Packard & Field, Brockton, Mass.
Parker, Holmes & Co., Boston, Mass.
Peters Shoe Co., 704 Washington Av., St. Louis, Mo.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Pierce & Son, 127 Summer St., Boston, Mass.
Pingree & Smith, Detroit, Mich.
Ralston Health Shoe Makers, Campello, Mass.
H. B. Reed & Co., S. Weymouth, Mass.
L. M. Reynolds Co., Brockton, Mass.
Reynolds, Drake & Gabell, Brockton, Mass.
Rice & Hutchins, Inc., 125 Summer St., Boston, Mass.
Geo. Richardson Co., Dubuque, Iowa.
Robbins O. W. Shoe Co., Pittsfield, Mass.
Roberts, Johnson & Rand Shoe Co., St. Louis, Mo.
Selz, Schwab & Co., Inc., Monroe near Market, Chicago, Ill.
Sharood & Crooks, Broadway & Fourth St., St. Paul, Minn.
Geo. Silver & Son, 451 Washington St., New York.
R. P. Smith & Sons Co., 230 Franklin St., Chicago, Ill.
Smith & Stoughton Corporation, Boston, Mass.
Specialty Shoe Co., 151 5th Av., Chicago, Ill.
Stacy, Adams & Co., Brockton, Mass.
Stowe, Bills & Hawley Co., 10 High St., Boston, Mass.
Sussex Shoe Co., Newton, N. J.
Torrey, Curtis & Tirrell, N. Weymouth, Mass.
J. S. Turner Co., Rockland, Mass.
Union Shoe Mfg. Co., Chillicothe, O.
Union Staple Seam Re-Enforcing Co., St. Louis, Mo.
W. R. Usher & Son Shoe Co., Newburyport, Mass.
Walker & Whitman, Campello, Mass.
Wallace, Elliott & Co., 118 Duane St., New York.
Warren Boot & Shoe Co., 177 Congress St., Boston, Mass.
Washington Shoe Co., Haverhill, Mass.
Welch & Landregan, Lynn, Mass.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.
Frank E. White Co., Brockton, Mass.
Thomas White & Co., 28 High St., Boston, Mass.
Winch Bros., 136 Federal St., Boston, Mass.
E. T. Wright & Co., Rockland, Mass.

W. MINERS' SHOES.

C. E. Aldrich & Co., Boston, Mass.
Beals-Torrey Shoe Co., Milwaukee, Wis.
W. D. Brackett & Co., Boston, Mass.
H. H. Brown & Co., Boston, Mass.
Butler Bros. Shoe Co., Denver, Col.
David Cummings Shoe Co., 19 High St., Boston, Mass.

Fargo & Phelps, 44 S. Jefferson St., Chicago, Ill.
Giesecke Boot & Shoe Mfg. Co., Jefferson City, Mo.
C. M. Henderson & Co., Adams & Market Sts., Chicago, Ill.
Magruder Shoe Co., Baltimore, Md.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Selz, Schwab & Co., Inc., Monroe, near Market, Chicago, Ill.
Joseph Smith & Co., Denver, Col.
Chas. L. Tracy, Tawanda, Pa.
M. D. Wells & Co., 195 Monroe St., Chicago, Ill.

X. OLD LADIES' SHOES.
Ashe, Noyes, Small & Co., Auburn, Me.
Bolonga & Leonard, Lynn, Mass.
J. J. Grover's Sons, Lynn, Mass.

Y. PATENT LEATHER SHOES.
Boyden Shoe Co., Newark, N. J.
P. Cox Shoe Mfg. Co., Rochester, N. Y.
Hanan & Son, 359 Fulton St., Brooklyn, N. Y.
Hathaway, Soule & Harrington, Boston, Mass.
Geo. W. Herrick & Co., Lynn, Mass.
Geo. E. Keith Co., Campello, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Selz, Schwab & Co., Inc., Monroe & Market, Chicago, Ill.
Sidwell-De Windt Shoe Co., 151 5th Ave., Chicago, Ill.

Z. RIVER DRIVING SHOES.
J. E. Dayton Co., Williamsport, Pa.

AA. SPORTING SHOES.
Norman & Bennett, Boston, Mass.

BB. TENNIS SHOES.
Boston Rubber Shoe Co., 245 Causeway St., Boston, Mass.
L. Candee & Co., New Haven, Conn.
Chas. A. Coe & Co., Boston, Mass.
Joseph Dickinson, 341 Broad St., Lynn, Mass.
A. B. George & Co., Des Moines, Iowa.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
H. T. Marshall Machinery Co., Brockton, Mass.
New Brunswick Rubber Co., New Brunswick, N. J.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
J. F. Swain & Co., Lynn, Mass.
U. S. Rubber Co., 43 Bedford St., Boston, Mass.
Witchell Sons & Gibson, Detroit, Mich.

CC. WATERPROOF SHOES.
Buell & Son, Waterville, N. Y.

DD. YACHTING SHOES.
United States Rubber Co., 43 Bedford St., Boston, Mass.
Witchell Sons & Gibson, Detroit, Mich.

28. SLIPPERS.
Ashe, Noyes, Small & Co., Auburn, Me.
J. A. Bannister, Newark, N. J.
Boston Carpet Slipper Co., 49 High St., Boston, Mass.
A. E. Brown & Co., Orwigsburg, Pa.
Joseph Caunt & Co., Lynn, Mass.
Chase, Chamberlain & Co., 51 Lincoln St., Boston, Mass.
George F. Daniels & Co., 279 Congress St., Boston, Mass.
Chas. F. Dann, 130 W. 23d St., New York.
W. B. Dibble, Lynn, Mass.
N. D. Dodge & Bliss Co., Newburyport, Mass.
E. P. Dodge Mfg. Co., Newburyport, Mass.
J. H. Durgin & Son, 103 Bedford St., Boston, Mass.
Chas. K. Fox, Haverhill, Mass.
George C. How, Haverhill, Mass.
J. & J. W. Marshall, 35 Sudbury St., Boston, Mass.
Mt. Holly Shoe Co., Mt. Holly, N. J.
Peters Shoe Co., 704 Washington Av., St. Louis, Mo.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Pierce & Son, 127 Summer St., Boston, Mass.
Pingree & Smith, Detroit, Mich.
Aug. Priesmeyer, Jefferson City, Mo.
Riverside Shoe Co., 239 Adams St., Chicago, Ill.
Thayer, Maguire & Field, Haverhill, Mass.
Wallace, Elliott & Co., 118 Duane St., New York.
Worner, Rogers & Co., Cincinnati, O.

A. BATH SLIPPERS.
Star & Crescent Mill Co., Lehigh Av. & Hancock, Phila., Pa.

B. CHILDREN'S SLIPPERS.
Edwin C. Burt & Co., 98 Centre St., New York.
Jos. Caunt & Co., Lynn, Mass.
Jennings & Hayes, Haverhill, Mass.
John J. Lattemann Shoe Mfg. Co., 495 W. B'way, New York.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
Pierce & Son, 127 Summer St., Boston, Mass.
Edward E. Spencer & Co., 34 Warren St., New York.
Wallace, Elliott & Co., 118 Duane St., New York.
Worner, Rogers & Co., 212 Walnut St., Cincinnati, O.

C. FELT SLIPPERS.
Beatty Felting Co., Misahawaka, Ind.
J. H. Durgin & Son, 103 Bedford St., Boston, Mass.
Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.

	Pierce & Son, 127 Summer St., Boston, Mass.
D. HYGIENIC SLIPPERS.	Chas. H. Ingalls & Co., Lynn, Mass.
E. LADIES' & MISSES' SLIPPERS.	Edwin C. Burt & Co., 92 Centre St., New York.
	Jos. Caunt & Co., Lynn, Mass.
	Geo. F. Daniels & Co., 275 Congress St., Boston, Mass.
	W. B. Dibble, Lynn, Mass.
	Joseph Dickinson, 341 Broad St., Lynn, Mass.
	Geo. C. Dow, Haverhill, Mass.
	F. Irving Dow, Haverhill, Mass.
	J. H. Durgin & Son, 103 Bedford St., Boston, Mass.
	A. Garside & Sons, 131 Duane St., New York.
	Arthur E. Gloyd, Lynn, Mass.
	J. J. Grovers' Sons, Lynn, Mass.
	Guthmann, Carpenter & Telling, 226 Franklin St., Chicago, Ill.
	Jennings & Hayes, Haverhill, Mass.
	Krohn, Fechheimer & Co., Cincinnati, O.
	J. J. Lattemann Shoe Mfg. Co., 495 W. Broadway, New York.
	F. Mayer Boot & Shoe Co., Milwaukee, Wis.
	Peters Shoe Co., 704 Washington Av., St. Louis, Mo.
	Phelps, Dodge & Palmer Co., 185 Adams St., Chicago, Ill.
	Pierce & Son, 127 Summer St., Boston, Mass.
	Riverside Shoe Co., 239 Adams St., Chicago, Ill.
	Selz, Schwab & Co., Inc., Monroe, c. Market St., Chicago, Ill.
	I. Sommerfield, 32 W. 13th St., New York.
	Edward E. Spencer & Co., 34 Warren St., New York.
	Thayer, Maguire & Field, Haverhill, Mass.
	Utz & Dunn, Rochester, N. Y.
	Wallace, Elliot & Co., 118 Duane St., New York.
	Williams, Clark & Co., Lynn, Mass.
	Worner, Rogers & Co., 212 Walnut St., Cincinnati, O.
F. WIGWAM SLIPPERS.	Huiskamp Bros. Co., Keokuk, Iowa.

III. BOXES, BARRELS AND BAGS.

29. BAGS.	
A. BALLAST BAGS.	H. & L. Chase Bag Co., St. Louis, Mo.
	E. S. Halsted & Co., 75 Pearl St., New York.
	John F. McHugh, 345 3d Av., New York.
B. BURLAP BAGS.	Adams, Jewett & Co., Cleveland, O.
	John T. Bailey & Co., 1136 Market St., Philadelphia, Pa.
	Bemis Bros. Bag Co., St. Louis, Mo.
	H. & L. Chase Bag Co., St. Louis, Mo.
	Fulton Bag & Cotton Mills, Atlanta, Ga.
	Gulf Bag Co., Ltd., New Orleans, La.
	E. S. Halsted & Co., 75 Pearl St., New York.
	Hardwood Mfg. Co., Minneapolis, Minn.
	Kurtz & Co., 36 Front St., New York.
	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
	M. J. Neahr & Co., 89 S. Clinton St., Chicago, Ill.
	Neville & Co., Inc., San Francisco, Cal.
C. CEMENT BAGS.	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
	Tarentum Paper Mills, 704 Smithfield St., Pittsburg, Pa.
D. COFFEE BAGS.	Bemis Bros. Bag Co., St. Louis, Mo.
	H. & L. Chase Bag Co., St. Louis, Mo.
	E. S. Halsted & Co., 75 Pearl St., New York.
	Neville & Co., Inc., San Francisco, Cal.
E. COTTON BAGS.	Bemis Bros. Bag Co., St. Louis, Mo.
	Eagle Cotton Mills, Madison, Ind.
	E. S. Halsted & Co., 75 Pearl St., New York.
	Hardwood Mfg. Co., Minneapolis, Minn.
	Harmony Mills, Cohoes, N. Y.
	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
	M. J. Neahr & Co., 89 S. Clinton St., Chicago, Ill.
	Neville & Co., Inc., San Francisco, Ill.
	Odell Mfg. Co., Concord, N. C.
	Stark Mills, Manchester, N. H.
	Tennessee Mfg. Co., Nashville, Tenn.
F. FEED BAGS.	Iroquois Bag & Oil Co., Springfield, Mass.

	Planet Mfg. Co., Springfield, Mass.
G. FELT BAGS.	Chas. N. Bacon, 98 Milk St., Boston, Mass.
H. FLOUR BAGS.	Atlanta Paper Co., Atlanta, Ga.
	H. & L. Chase Bag Co., St. Louis, Mo.
	Fulton Bag & Cotton Mills, Atlanta, Ga.
	E. S. Halsted & Co., 75 Pearl St., New York.
	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
	M. J. Neahr & Co., 89 S. Clinton St., Chicago, Ill.
	Tarentum Paper Mills, 704 Smithfield St., Pittsburg, Pa.
I. FLOUR SACKS.	Adams, Jewett & Co., Cleveland, O.
	Arkell & Smiths, Canajoharie, N. Y.
	Atlanta Paper Co., Atlanta, Ga.
	John T. Bailey & Co., 1136 Market St., Philadelphia, Pa.
	Bemis Bros. Bag Co., 601 S. 4th St., St. Louis, Mo.
	H. & L. Chase Bag Co., St. Louis, Mo.
	Cleveland Paper Co., Cleveland, Co.
	Davenport Bag & Paper Co., Davenport, Iowa.
	E. S. Halsted & Co., 75 Pearl St., New York.
	Hardwood Mfg. Co., Minneapolis, Minn.
	Keokuk Bag Co., Keokuk, Iowa.
	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
	M. J. Neahr & Co., 89 S. Clinton St., Chicago, Ill.
	Neville & Co., Inc., San Francisco, Cal.
	Tarentum Paper Mills, 704 Smithfield St., Pittsburg, Pa.
	Tytus Gardner Paper & Mfg. Co., Middletown, O.
J. FRUIT BAGS.	Neville & Co., Inc., San Francisco, Cal.
K. GRAIN BAGS.	Bates Mfg. Co., Lewiston, Me.
	Bemis Bros. Bag Co., St. Louis, Mo.
	H. & L. Chase Bag Co., St. Louis, Mo.
	Columbia Cotton Mill Co., Columbia, Tenn.
	Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
	Grahamton Mfg. Co., Grahamton, Ky.
	E. S. Halsted & Co., 75 Pearl St., New York.
	Hardwood Mfg. Co., Minneapolis, Minn.
	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
	M. J. Neahr & Co., 89 S. Clinton St., Chicago, Ill.
	Neville & Co., Inc., San Francisco, Cal.
	W. C. Noon Bag Co., Portland, Ore.
	Washington State Penitentiary, Walla Walla, Wash.
L. GUNNY BAGS.	H. & L. Chase Bag Co., St. Louis, Mo.
	E. S. Halsted & Co., 75 Pearl St., New York.
M. HARDWARE BAGS.	Atlanta Paper Co., Atlanta, Ga.
	Seinsheimer Paper Co., 104 E. Pearl St., Cincinnati, O.
N. HEMP BAGS.	H. & L. Chase Bag Co., St. Louis, Mo.
	E. S. Halsted & Co., 75 Pearl St., New York.
	D. W. Manwaring, 250 Front St., New York.
	M. J. Neahr & Co., 89 S. Clinton St., New York.
O. JUTE BAGS.	Bemis Bros. Bag Co., St. Louis, Mo.
	H. & L. Chase Bag Co., St. Louis, Mo.
	E. S. Halsted & Co., 75 Pearl St., New York.
	Hardwood Mfg. Co., Minneapolis, Minn.
	Percy Kent, 22 Bridge St., New York.
	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
	M. J. Neahr & Co., 89 S. Clinton St., New York.
	Neville & Co., Inc., San Francisco, Cal.
P. MEAL BAGS.	Fulton Bag & Cotton Mills, Atlanta, Ga.
Q. MEAT BAGS.	Washington State Penitentiary, Walla Walla, Wash.
R. ORE BAGS.	Neville & Co., Inc., San Francisco, Cal.
	Washington State Penitentiary, Walla Walla, Wash.
S. PAPER BAGS.	Adams, Jewett & Co., Cleveland, O.
	Atlanta Paper Co., Atlanta, Ga.
	M. B. Belden, 320 Broadway, New York.
	Bemis Bros. Bag Co., 601 S. 4th St., St. Louis, Mo.
	H. & L. Chase Bag Co., 8 N. Main St., St. Louis, Mo.
	Columbia Paper Bag Co., 329 Greenwich St., New York.
	S. Cupples Wooden Ware Co., 308 N. 2d St., St. Louis, Mo.
	Diem & Wing Paper Co., 72 Walnut St., Cincinnati, O.
	Robert Gair, 120 New York Av., Brooklyn, N. Y.
	A. Haverstick & Son, 469 N. 2d St., Philadelphia, Pa.
	Indiana Paper Co., Indianapolis, Ind.
	Hermon L. Kent, Westfield, N. Y.
	M. J. Neahr & Co., 89 S. Clinton St., Chicago, Ill.
	Nixon & Costello Co., Dayton, O.
	Tarentum Paper Mills, Pittsburg, Pa.
	Tytus Gardner Paper & Mfg. Co., Middletown, O.
	Union Bag & Paper Co., 1605 Fisher Building, Chicago, Ill.

	George West, Ballston Spa, N. Y.
	Western Paper Bag Co., Batavia, Ill.
	Wortendyke Mfg. Co., Richmond, Va.
T. PLASTER BAGS.	Milwaukee Bag Co., 51 Erie St., Milwaukee, Wis.
U. SEAMLESS BAGS.	H. & L. Chase Bag Co., St. Louis, Mo.
	Chelsea Jute Mills, 316 Broadway, New York.
	Columbia Cotton Mill Co., Columbia, Tenn.
	Franklinville Mfg. Co., Franklinville, N. C.
	Fulton Bag & Cotton Mills, Atlanta, Ga.
	Naomi Falls Mfg. Co., Randleman, N. C.
	Ray Cotton Co., Woonsocket, R. I.
	Stark Mills, Manchester, N. H.
	Tennessee Mfg. Co., Nashville, N. C.
	Worth Mfg. Co., Worthville, N. C.
V. SHAFT COVERING BAGS.	Seinsheimer Paper Co., 104 E. Pearl St., Cincinnati, O.
W. SPECIAL BAGS.	Washington State Penitentiary, Walla Walla, Wash.
X. SUGAR BAGS.	Seinsheimer Paper Co., 104 E. Pearl St., Cincinnati, O.
Y. TOBACCO BAGS.	H. & L. Chase Bag Co., St. Louis, Mo.
	M. Millhiser & Co., Richmond, Va.
	M. J. Neahr & Co., 89 S. Clinton St., Chicago, Ill.
	Sparks Mfg. Co., 105 Hudson St., New York.
Z. WAXED PAPER BAGS.	Sparks Mfg. Co., 105 Hudson St., New York.
AA. WOOL BAGS.	Milwaukee Bag Co., 51Erie St., Milwaukee, Wis.
	Washington State Penitentiary, Walla Walla, Wash.
30. BARREL HOOPS.	Edwin Bell & Sons Co., Youngstown, O.
	Calera Lime Co., Calera, Ala.
	Wm. Clark Sons Co., Pittsburg, Pa.
	R. J. Flowers, Cairo, Ill.
	Union Iron & Steel Co., Youngstown, O.
	Williamson Mfg. Co., Williamson, N. Y.
A. CUT HOOPS.	Union Iron & Steel Co., Youngstown, O.
B. FLARED HOOPS.	Union Iron & Steel Co., Youngstown, O.
C. TRUSS HOOPS.	Cincinnati Truss Hoop Co., 2d & Elm Sts., Cincinnati, O.
	E. & B. Holmes Machinery Co., Buffalo, N. Y.
31. BARRELS.	H. V. Bostwick, Ithaca, N. Y.
	California Barrel Co., San Francisco, Cal.
	Cincinnati Cooperage Co., Cincinnati, O.
	Columbus Barrel Mfg. Co., Columbus, Ga.
	James F. Cosgrove, 280 Front St., New York.
	Doud, Sons & Co., Winona, Minn.
	Grand Rapids Stave Co., Grand Rapids, Mich.
	Hauser, Brenner & Fath Co., Cincinnati, O.
	A. D. Miller's Sons Co., Pittsburg, Pa.
	Daniel W. Ryan Cooperage Co., 17 Coventry St., Chicago, Ill.
	Stover Mfg. Co., Freeport, Ill.
A. ALE BARRELS.	Palmer Mfg. Co., Charleston, S. C.
B. AMALGAMATING BARRELS.	Edward P. Allis Co., Milwaukee, Wis.
C. APPLE BARRELS.	Palmer Mfg. Co., Charleston, S. C.
	Augustus Taylor, Lunenburg, Mass.
D. CYANIDE BARRELS.	Edward P. Allis Co., Milwaukee, Wis.
E. FISH BARRELS.	Portland Cooperage Co., Portland, Me.
F. FLOUR BARRELS.	Hardwood Mfg. Co., Minneapolis, Minn.
G. HALF BARRELS.	California Barrel Co., San Francisco, Cal.
	Hauser, Brenner & Fath Co., Cincinnati, O.
	Palmer Mfg. Co., Charleston, S. C.
H. LARD BARRELS.	Lincoln Cooperage Co., Lincoln, Neb.
	Palmer Mfg. Co., Charleston, S. C.
I. OIL BARRELS.	Downing Co., Brunswick, Ga.
	Palmer Mfg. Co., Charleston, S. C.
J. PORK BARRELS.	Lincoln Cooperage Co., Lincoln, Neb.
	Palmer Mfg. Co., Charleston, S. C.
	Portland Cooperage Co., Portland, Me.
K. SWING BARRELS.	Leavitt Machine Co., Orange, Mass.
L. SYRUP BARRELS.	Portland Cooperage Co., Portland, Me.
M. TURPENTINE BARRELS.	Downing Co., Brunswick, Ga.
N. WATER BARRELS.	Portland Cooperage Co., Portland, Me.
32. BARREL STAVES & HEADING.	
	Edwin Bell & Sons Co., Youngstown, O.
	Brooklyn Cooperage Co., 184 Front St., New York.
	Buckley & Douglas Lumber Co., Manistee, Mich.
	Calera Lime Co., Calera, Ala.
	California Barrel Co., San Francisco, Cal.
	Clay City Lumber & Stave Co., Clay City, Ky.
	Creamery Package Mfg. Co., Chicago, Ill.
	Dewey Stave Co., Toledo, O.

Doud Sons & Co., Winona, Minn.
Eagle Stave Co., Van Wert, O.
C. C. Field, Geneva, Pa.
Force & Dickinson, Detroit, Mich.
J. F. Hasty & Son, Detroit, Mich.
Marine City Stave Co., Marine City, Mich.
Portland Cooperage Co., Portland, Me.

A. BARREL RIMS. J. B. Koller & Co., Mechanicsburg, Pa.
Michigan Barrel Co., Grand Rapids, Mich.
John Stinson, Baltimore, Md.

B. RIDDLE & SIEVE RIMS. Michigan Barrel Co., Grand Rapids, Mich.

33. BOXES.

A. ALUMINUM BOXES. Pratt Mfg. Co., 167 Wooster St., New York.

B. AXLE GREASE BOXES. L. H. Baldwin, 40 Prince St., New York.
E. B. Estes & Sons, 45 John St., New York.
Michigan Barrel Co., Grand Rapids, Mich.

C. BAIL BOXES. Michigan Barrel Co., Grand Rapids, Mich.

D. BAND BOXES. L. H. Baldwin, 40 Prince St., New York.
Dayton Paper Novelty Co., Dayton, O.
John A. Pierce, 343 Fourth Av., Pittsburgh, Pa.

E. BEER BOXES. Atwood Bros., Whitman, Mass.
Henry W. Draper, Albany, N. Y.
Wm. B. Mershon & Co., E. Saginaw, Mich.
Ohio Box & Mfg. Co., Middletown, O.

F. BISCUIT BOXES. Robt. Porter's Sons, 326 N. Second St., Philadelphia, Pa.

G. BLACKING BOXES. L. H. Baldwin, 40 Prince St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

H. BLUING BOXES. L. H. Baldwin, 40 Prince St., New York.

I. BOTTLE BOXES. L. H. Baldwin, 40 Prince St., New York.
Wm. B. Mershon & Co., E. Saginaw, Mich.
Munson & Co., New Haven, Conn.
Ohio Box & Mfg. Co., Middletown, O.
E. J. Vance Box Co., Ltd., Bay City, Mich.

J. BUTTER BOXES. D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., Chicago, Ill.
E. B. Estes & Sons, 45 John St., New York.
D. H. Gowing, Syracuse, N. Y.
Michigan Barrel Co., Grand Rapids, Mich.

K. CANNED GOODS BOXES. E. J. Vance Box Co., Ltd., Bay City, Mich.

L. CANDLE BOXES. L. H. Baldwin, 40 Prince St., New York.
Chas. G. Butts & Co., North Tonawanda, N. Y.
Munson & Co., New Haven, Conn.
J. B. Stevens & Son, Rochester, N. Y.
E. J. Vance Box Co., Bay City, Mich.

M. CANDY BOXES. Dayton Paper Novelty Co., Dayton, O.
E. B. Estes & Sons, 45 John St., New York.
Jesse Jones & Co., 615 Commerce St., Philadelphia, Pa.
Bernard Meyer, 151 Chambers St., New York.
Munson & Co., New Haven, Conn.
National Folding Box & Paper Co., New Haven, Conn.
Sidney E. Packard & Son, Brockton, Mass.
John A. Pierce, 343 Fourth Av., Pittsburg, Pa.
E. J. Vance Box Co., Ltd., Bay City, Mich.

N. CELERY BOXES. E. J. Vance Box Co., Ltd., Bay City, Mich.

O. CHEESE BOXES. W. A. Bailey, Fairfield, Mich.
D. H. Burrell & Co., Little Falls, N. Y.
Creamery Package Mfg. Co., Chicago, Ill.
Elgin Butter Tub Co., 119 No. State St., Elgin, Ill.
Sayre Butter Package Co., Waverly, N. Y.
C. B. Shields, Hudson, O.

P. CIGAR BOXES. A. E. Ensign Cigar Box Co., Westfield, Mass.
H. W. Erichs & Co., 313 E. 11th St., New York.
Moser Cigar & Paper Box Co., 208 Elm St., St. Louis, Mo.
John A. Pierce, 343 Fourth Av., Pittsburg, Pa.
Henry H. Sheip Mfg. Co., Philadelphia, Pa.
Albert Thalheimer & Son, Reading, Pa.
Samuel W. Trost, 98 N. Canal St., Cincinnati, O.
Wm. Wicke Co., 530 First Av., New York.

Q. CIGARETTE BOXES. Munson & Co., New Haven, Conn.
National Folding Box & Paper Co., New Haven, Conn.

R. CLEATED BOXES. Chas. G. Butts & Co., North Tonawanda, N. Y.
Chester Steel Castings Co., Library St., Philadelphia, Pa.
E. J. Vance Box Co., Ltd., Bay City, Mich.

S. CLOTHING BOXES. Munson & Co., New Haven, Conn.

T. DOVE-TAILED BOXES.	Chas. G. Butts & Co., North Tonawanda, N. Y. E. B. Estes & Sons, 45 John St., New York. J. B. Stevens & Son, Rochester, N. Y. H. C. Underwood Mfg. Co., Wabash, Ind.
U. DRILL BIT BOXES.	H. C. Underwood Mfg. Co., Wabash, Ind.
V. DRUGGISTS' BOXES.	L. H. Baldwin, 40 Prince St., New York. Mary Beggs, 161 Water St., New York. Bogert & Hopper, 162 William St., New York. Wm. J. Cheesbro, Knox, N. Y. Dennison Mfg. Co., 26 Franklin St., Boston, Mass. E. B. Estes & Sons, 45 John St., New York. Jesse Jones & Co., 615 Commerce St., Philadelphia, Pa. Bernard Meyer, 151 Chambers St., New York. National Folding Box & Paper Co., New Haven, Conn. John A. Pierce, 343 Fourth Ave., Pittsburg, Pa. G. W. Plumby, 213 N. 4th St., Philadelphia, Pa. Randolph Paper Box Co., Richmond, Va. J. B. Stevens & Son, Rochester, N. Y. Tablet & Ticket Co., 87 Franklin St., Chicago, Ill. J. A. Ward, Buffalo, N. Y.
W. FAMILY MEDICINE BOXES.	H. C. Underwood Mfg. Co., Wabash, Ind.
X. FANCY BOXES.	L. H. Baldwin, 40 Prince St., New York. E. B. Estes & Son, 45 John St., New York. Geo. J. Kraft, 85 Chambers St., New York. Henry H. Sheip & Co., 529 Columbia Av., Philadelphia, Pa. H. C. Underwood Mfg. Co., Wabash, Ind.
Y. FISH BOXES.	Chas. G. Butts & Co., North Tonawanda, N. Y. Merchant Box & Cooperage Co., Gloucester, Mass. Wm. B. Mershon, E. Saginaw, Mich.
Z. FLOWER BOXES.	Munson & Co., New Haven, Conn.
AA. FRUIT BOXES.	Anderson Tully Co., Benton Harbor, Mich. L. H. Baldwin, 40 Prince St., New York. Berlin Fruit Box Co., Berlin Heights, O. Chas. G. Butts & Co., North Tonawanda, N. Y. E. B. Estes & Sons, 45 John St., New York. Pelican Box Factory, New Orleans, La.
BB. GLASS BOXES.	E. J. Vance Box Co., Ltd., Bay City, Mich.
CC. HARDWARE TELESCOPE BOXES.	Inman & American Box Mch. Co., Amsterdam, N. Y. National Folding Box & Paper Co., New Haven, Conn.
DD. HAT BOXES.	L. H. Baldwin, 40 Prince St., New York. Dayton Paper Novelty Co., Dayton, O. Gilbert Bros., Bethel, Conn. Franklin R. Warner, Mohns Store, Pa. Julius Weber, Sr., Reading, Pa.
EE. HONEY BOXES.	Berlin Fruit Box Co., Berlin Heights, O.
FF. ICE CREAM BOXES.	L. H. Baldwin, 40 Prince St., New York. Crunne & Lefton Mfg. Co., Dayton, O. James Fagan, 100 Mott St., New York. Munson & Co., New Haven, Conn. National Folding Box & Paper Co., New Haven, Conn. Shevill Bowlley & Shevill Co., 46 Dey St., New York.
GG. JEWELRY BOXES.	L. H. Baldwin, 40 Prince St., New York. M. S. Benedict Mfg. Co., East Syracuse, N. Y. Dennison Mfg. Co., 26 Franklin St., Boston, Mass. E. B. Estes & Sons, 45 John St., New York. Louis Ettlinger & Sons, 65 Nassau St., New York. Wm. H. Luther & Son, 214 Oxford St., Providence, R. I. A. H. Sweet, Norton, Mass. Solomon Valfer & Co., 33 Maiden Lane, New York. Young Bros., Providence, R. I.
HH. LAWN MOWER BOXES.	E. J. Vance Box Co., Ltd., Bay City, Mich.
II. LOCKED CORNER WOODEN BOXES.	Fred Hawley, 46 Gold St., New York. Henry H. Sheip Mfg. Co., Philadelphia, Pa.
JJ. MAILING BOXES.	Fred Hawley, 46 Gold St., New York.
KK. MEDICAL BATTERY BOXES.	H. C. Underwood Mfg. Co., Wabash, Ind.
LL. NEST BOXES FOR POULTRYMEN.	C. W. Costellow, Waterborough, Me.
MM. NESTED BOXES.	Fred Hawley, 46 Gold St., New York.
NN. OINTMENT BOXES.	L. H. Baldwin, 40 Prince St., New York. Celluloid Co., Newark, N. J. E. B. Estes & Sons, 45 John St., New York. Munson & Co., New Haven, Conn. Norton Bros., 813 Masonic Temple, Chicago, Ill.
OO. ORANGE & LEMON BOXES.	South Side Mfg. Co., Petersburg, Va.

PP.	PACKING BOXES.	L. H. Baldwin, 40 Prince St., New York. H. F. Brauner Mfg. Co., Davenport, Iowa. Buffalo Box Factory, Buffalo, N. Y. Chas. G. Butts & Co., North Tonawanda, N. Y. Champlain Mfg. Co., Burlington, Vt. E. A. Conkling, 296 Broadway, Cincinnati, O. W. & D. G. Crane, Burlington, Vt. Dodge & Bliss Co., Jersey City, N. J. E. B. Estes & Sons, 45 John St., New York. Jas. H. Fitzgerald, 54 Crosby St., New York. Lee, Holland & Co., Buffalo, N. Y. William B. Mershon & Co., E. Saginaw, Mich. Ohio Box & Mfg. Co., Middletown, O. T. G. Patterson, 11th Av. & 20th St., New York. Jos. T. Pearson, 89 E. Wister St., Philadelphia, Pa. Pelican Box Factory, New Orleans, La. J. N. Palsey & Co., Pawtucket, R. I. Portland Lumbering Mfg. Co., Portland, Ore. Geo. H. Reeves, 139 Greene St., Brooklyn, E. D., N. Y. Riddle-Rehbein Mfg. Co., O'Fallon St., St. Louis, Mo. John Ryan & Son, 132 Mercer St., New York. J. B. Stevens & Son, Rochester, N. Y. A. H. Sweet, Norton, Mass. E. J. Vance Box Co., Ltd., Bay City, Mich. Verdi Mill Co., Verdi, Nev.
QQ.	PACKING BOXES, PRINTED ON THE WOOD.	Champlain Mfg. Co., Burlington, Vt.
RR.	PACKING BOXES, SAWED.	South Side Mfg. Co., Petersburg, Va.
SS.	PACKING BOXES, VENEERED.	South Side Mfg. Co., Petersburg, Va.
TT.	PAPER BOXES.	Geo. H. Allen, Lynn, Mass. American Paper Co., Nashville, Tenn. Eli Baldwin & Sons, 1 Mission Place, New York. L. H. Baldwin, 40 Prince St., New York. F. W. Bird & Son, E. Walpole, Mass. G. A. Bisler, 328 N. Randolph St., Philadelphia, Pa. Bridgeport Paper Box Co., Bridgeport, Conn. John Crompton & Co., 29 N. 4th St., Philadelphia, Pa. Dayton Paper Novelty Co., Dayton, O. Dennison Mfg. Co., 26 Franklin St., Boston, Mass. Edwards & Docker, 18 N. 5th St., Philadelphia, Pa. Jacob Gottleib, 17 N. Liberty St., Cumberland, Md. B. G. Hughes & Bro., 242 Centre St., New York. Hughes, Snipson & Co., Troy, N. Y. H. W. Humphrey, Unionville, Conn. Inman Mfg. Co., Amsterdam, N. Y. Jesse Jones & Co., 615 Commerce St., Philadelphia, Pa. Bernard Meyer, 151 Chambers St., New York. Moser Cigar & Paper Box Co., 208 Elm St., St. Louis, Mo. Munson & Co., New Haven, Conn. National Folding Box & Paper Co., New Haven, Conn. National Metal Edge Box Co., Cherry St., Philadelphia, Pa. Sidney E. Packard & Son, Brockton, Mass. Randolph Paper Boxes, Richmond, Va. W. C. Ritchie & Co., Inc., 203 S. Green St., Chicago, Ill. I. Roggenburger's Sons, 130 N. 3d St., Philadelphia, Pa. Schenk & Schlicte, 22 Jones St., New York. Wm. Smith's Sons, 5035 Royal St., Philadelphia, Pa. C. Steinmetz, Wheeling, W. Va. A. H. Sweet, Norton, Mass. C. C. Taylor & Co., Springfield, Mass. Thos. P. Taylor, Bridgeport, Conn. Warner Bros. Co., Bridgeport, Conn. Young Bros., Providence, R. I.
UU.	PAPER BOXES, FOLDING.	Brown & Bailey Co., 410 N. Franklin St., Philadelphia, Pa. Dayton Paper Novelty Co., Dayton, O. Robert Gair, cor. Washington & Water Sts., Brooklyn, N. Y. Lockwood Folding Box Co., Ltd., 251 S. 3d St., Phila., Pa. Munson & Co., New Haven, Conn. National Folding Box & Paper Co., New Haven, Conn. Randolph Paper Box Co., Richmond, Va.
VV.	PAPER BOXES, HARDWARE.	A. J Phillips Co., Fenton, Mich. Johr A. Pierce, 343 4th Av., Pittsburg, Pa.
WW.	PARTITION BOXES.	E. J. Vance Box Co., Ltd., Bay City, Mich.
XX.	PILL BOXES.	E. B. Estes & Sons, 45 John St., New York. David Heston & Sons, 1525 Orthodox St., Philadelphia, Pa.

		Randolph Paper Box Co., Richmond, Va.
YY.	PIN BOXES.	Munson & Co., New Haven, Conn.
		National Folding Box & Paper Co., New Haven, Conn.
ZZ.	POLISH BOXES.	Sidney E. Packard & Son, Brockton, Mass.
AAA.	POWDER BOXES.	L. H. Baldwin & Co., 40 Prince St., New York.
		E. J. Vance Box Co., Ltd., Bay City, Mich.
		R. Wallace & Sons Mfg. Co., Wallingford, Conn.
BBB.	SALT BOXES.	Cooper & McKee, 119 Gwinnet St., Brooklyn, N. Y.
		E. B. Estes & Sons, 45 John St., New York.
		L. H. Macy & Co., 117 E. Houston St., New York.
		Michigan Barrel Co., Grand Rapids, Mich.
		E. J. Vance Box Co., Ltd., Bay City, Mich.
CCC.	SAMPLE BOXES.	Norton Bros., 813 Masonic Temple, Chicago, Ill.
DDD.	SEED BOXES.	H. C. Underwood Mfg. Co., Wabash, Ind.
EEE.	SHELF BOXES, CLOTH, FOR FLAT PAPERS.	John F. Diemer, 67 Cortlandt St., New York.
FFF.	SHELF BOXES, STEEL.	W. C. Heller & Co., Montclair, N. J.
GGG.	SHELF BOXES, WOODEN.	L. H. Baldwin, 40 Prince St., New York.
		Jesse Jones & Co., 615 Commerce St., Philadelphia, Pa.
		John A. Pierce, 343 4th Av., Pittsburg, Pa.
		H. H. Sheip Mfg. Co., Columbia Av. & Randolph St., Phila., Pa.
HHH.	SHOE BOXES.	Geo. H. Allen, Lynn, Mass.
		L. H. Baldwin, 40 Prince St., New York.
		Chas. G. Butts & Co., North Tonawanda, N. Y.
		J. P. Friend & Co., Beverly, Mass.
		Wm. B. Mershon & Co., E. Saginaw, Mich.
		Sidney E. Packard & Son, Brockton, Mass.
		John A. Pierce, 343 4th Av., Pittsburg, Pa.
		J. B. Stevens & Son, Rochester, N. Y.
		E. J. Vance Box Co., Ltd., Bay City, Mich.
III.	SILVER WARE BOXES.	A. H. Sweet, Norton, Mass.
JJJ.	SIPHON BOXES.	L. H. Baldwin, 40 Prince St., New York.
		Henry W. Draper, Albany, N. Y.
		Firm of John Matthews, 329 E. 26th St., New York.
		J. B. Stevens & Son, Rochester, N. Y.
		Wittemann Bros., 188 William St., New York.
KKK.	SOAP BOXES.	E. J. Vance Box Co., Ltd., Bay City, Mich.
LLL.	STARCH BOXES.	L. H. Baldwin, 40 Prince St., New York.
		Dodge & Bliss Co., Jersey City, N. J.
		E. J. Vance Box Co., Ltd., Bay City, Mich.
MMM.	SYRINGE BOXES.	H. C. Underwood Mfg. Co., Wabash, Ind.
NNN.	TIN BOXES.	Burger Mfg. Co., 351 Eleventh St., Hoboken, N. J.
		Albert Fischer Mfg. Co., Hamilton, O.
		William A. Gill & Co., Columbus, O.
		H. F. Miller & Son, Baltimore, Md.
		Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
		Joseph G. Taite's Sons, S. 12th & Fitzwater St., Phila., P.
		Troy Stamping Works, Troy, N. Y.
		E. J. Vance Box Co., Ltd., Bay City, Mich.
OOO.	TIN BOXES, DECORATED.	William A. Gill & Co., Columbus, O.
		Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
PPP.	TOBACCO BOXES.	Allegheny Box Co., Richmond, Va.
		Alton Box Co., 3128 N. Broadway, St. Louis, Mo.
		L. H. Baldwin, 40 Prince St., New York.
		Chas. G. Butts & Co., North Tonawanda, N. Y.
		Wm. B. Mershon & Co., E. Saginaw, Mich.
		Ohio Box & Mfg. Co., Middletown, O.
		John A. Pierce, 343 4th Av., Pittsburg, Pa.
		J. B. Stevens & Son, Rochester, N. Y.
		E. J. Vance Box Co., Ltd., Bay City, Mich.
QQQ.	TURNED BOXES.	Bogert & Hopper, 162 William St., New York.
		E. B. Estes & Sons, 45 John St., New York.
RRR.	WEDDING CAKE BOXES.	L. H. Baldwin, 40 Prince St., New York.
		Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
SSS.	WINE BOXES.	L. H. Baldwin, 40 Prince St., New York.
		Chas. G. Butts & Co., North Tonawanda, N. Y.
		E. B. Estes & Sons, 45 John St., New York.
		Wm. B. Mershon & Co., E. Saginaw, Mich.
		E. J. Vance Box Co., Ltd., Bay City, Mich.
		Wittemann Bros., 188 William St., New York.
34.	**BOX SHOOKS.**	Charles Baker Co., Worcester, Mass.
		Beman & Co., Binghamton, N. Y.
		John Bent, Carver, Mass.
		Blanchard Mfg. & Canning Co., Eastport, Me.
		Buffalo Box Factory, Buffalo, N. Y.
		Chas. G. Butts & Co., North Tonawanda, N. Y.

	Dodge & Bliss Co., Jersey City, N. J.
	E. B. Estes & Sons, 45 John St., New York.
	Gillingham, Garrison & Co., Ltd., Richmond St., Phila., Pa.
	Hall & Munson Co., Bay Mills, Mich. *4
	Hawley Box & Lumber Co., 40 Gold St., New York.
	G. W. Hoover, Philipsburg, Pa.
	Moses Lincoln, East Norton, Mass.
	Wm. B. Mershon & Co., E. Saginaw, Mich.
	T. G. Patterson, 11th Av. & 20th St., New York.
	T. J. Stewart & Co., Bangor, Me.
	E. J. Vance Box Co., Ltd.; Bay City, Mich.
A. CYPRESS BOX SHOOKS.	Canton Box Co., Baltimore, Md.
B. POPLAR BOX SHOOKS.	Canton Box Co., Baltimore, Md.
C. WHITE OAK SHOOKS.	Cincinnati Cooperage Co., Cincinnati, O.
35. CANS.	
A. ANILINE CANS.	Robert Porter's Sons, 326 North 2d St., Philadelphia, Pa.
	Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
B. BAKING POWDER CANS.	E. P. Breckenridge Co., 1216 W. Bancroft St., Toledo, O.
	Norton Bros., 813 Masonic Temple, Chicago, Ill.
C. CANDY CANS.	Robert Porter's Sons, 326 North 2d St., Philadelphia, Pa.
D. CREAMERY CANS.	Horne & Danz Co., St. Paul, Minn.
	H. H. Palmer Co., Rockford, Ill.
E. FRUIT CANS.	Black & Krebs, Baltimore, Md.
	Norton Bros., 813 Masonic Temple, Chicago, Ill.
	Norton Tin Plate & Can Co., Baltimore, Md.
F. FRUIT CANS, TIN.	Youngstown Specialty Mfg. Co., Youngstown, O.
G. GALVANIZED IRON CANS.	Rockford Can Co., Rockford, Ill.
H. GREASE CANS.	Norton Bros., 813 Masonic Temple, Chicago, Ill.
I. LARD CANS.	E. P. Breckenridge Co., 1216 W. Bancroft St., Toledo, O.
	Horne & Danz Co., St. Paul, Minn.
	Matthai Ingram & Co., Baltimore, Md.
	J. H. Pocock Can Co., 900 N. 2d St., St. Louis, Mo.
	Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
J. MOLASSES CANS.	Dithridge & Co., Pittsburg, Pa.
	Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
K. OYSTER CANS.	Black & Krebs, Baltimore, Md.
	Boston Can Co., 126 Milk St., Boston, Mass.
	Horne & Danz Co., St. Paul, Minn.
	Norton Bros., Inc., 813 Masonic Temple, Chicago, Ill.
	Norton Tin Plate & Can Co., Baltimore, Md.
	Record Mfg. Co., Conneaut, O.
L. PAINT & VARNISH CANS.	E. P. Breckenridge, 1216 W. Bancroft St., Toledo, O.
	John Dunlap Co., Pittsburg, Pa.
	Horne & Danz Co., St. Paul, Minn.
	Norton Bros., 813 Masonic Temple, Chicago, Ill.
	J. H. Pocock Can Co., 900 N. 2d St., St. Louis, Mo.
	C. P. Poole & Co., 255 N. Front St., Philadelphia, Pa.
	Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
	Record Mfg. Co., Conneaut, O.
	Reilly Bros., 322 W. 41st St., New York.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
M. REFRIGERATOR CANS.	Cornish, Curtis & Greene, Fort Atkinson, Wis.
	Horne & Danz Co., St. Paul, Minn.
N. SYRUP CANS.	Norton Bros., 813 Masonic Temple, Chicago, Ill.
O. TAR CANS.	Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
P. TEA, COFFEE & SPICE CANS.	E. P. Breckenridge Co., 1216 W. Bancroft, Toledo, O.
	Norton Bros., 813 Masonic Temple, Chicago, Ill.
	Robert Porter's Sons, 326 North 2d St., Philadelphia, Pa.
Q. TIN CANS.	Black & Krebs, Baltimore, Md.
	Boston Can Co., 126 Milk St., Boston, Mass.
	E. P. Breckenridge Co., 1216 W. Bancroft St., Toledo, O.
	Burger Mfg. Co., 351 Eleventh St., Hoboken, N. J.
	Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
	Crandall & Godley Co., 157 Franklin St., New York.
	Albert Fisher Mfg. Co., Hamilton, O.
	William A. Gill & Co., Columbus, O.
	Ginna & Co., 53 Beach St., New York.
	John D. Hass & Assman, Jane St., New York.
	Le Comte Mfg. Co., 288 Nevins St., Brooklyn, N. Y.
	E. T. Mason & Co., 193 W. 21st St., Chicago, Ill.
	H. F. Miller & Son, Baltimore, Md.
	F. H. Palmer Mfg. Co., 96 Water St., New York.
	J. H. Pocock Can Co., 900 N. 2d St., St. Louis, Mo.
	R. Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
	Record Mfg. Co., Conneaut, O.
	Reilly Bros., 322 W. 41st St., New York.

	Joseph G. Taite's Sons, S. 12th & Fitzwater St., Phila., Pa.
	Youngstown Specialty Mfg. Co., Youngstown, O.
R. TIN CANS, DECORATED.	William A. Gill & Co., Columbus, O.
	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
S. TIN CANS, WOOD JACKET.	Record Mfg. Co., Conneaut, O.
	Rockford Can Co., Rockford, Ill.
T. VEGETABLE CANS.	Norton Tin Plate & Can Co., Baltimore, Md.
U. WOODEN OIL CANS.	Impervious Package Co., Keene, N. Y.
36. CASES.	
A. CUTLERY CASES.	J. R. Torrey & Co., Worcester, Mass.
B. EGG CASES.	J. G. Cherry, Cedar Rapids, Iowa.
	C. W. Costellow, Waterborough, Me.
	Creamery Package Mfg. Co., 1 W. Wash. St., Chicago, Ill.
	Lima Egg Case Co., Lima, O.
	Sayre Butter Package Co., Waverly, N. Y.
	E. J. Vance Box Co., Ltd., Bay City, Mich.
	Wescott-Jewell Co., Seneca Falls, N. Y.
	Geo. Wilson & Sons, Toledo, O.
C. FIBRE CASES.	Delaware Hard Fibre Co., Wilmington, Del.
D. GLOVE CASES.	Anchor Silver Plate Co., Oswego, N. Y.
E. HANDKERCHIEF CASES.	Anchor Silver Plate Co., Oswego, N. Y.
F. HARD WOOD CASES.	Apel Mfg. Co., 23 Demond Place, Buffalo, N. Y.
G. LIQUOR CASES.	Dodge & Bliss Co., Jersey City, N. J.
	Haskell Bros., 52 Madison St., Chicago, Ill.
	Wittemann Bros., 188 William St., New York.
H. MOROCCO CASES.	American Morocco Case Co., 40 E. 19th St., New York.
	Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
I. PHOTOGRAPH RECORD CASES.	Hawthorne & Sheble, 604 Chestnut St., Philadelphia, Pa.
J. PLUSH CASES.	Chas. F. Colby, Lancaster, N. H.
	Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
	Hughes, Simpson & Co., Troy, N. Y.
	S. Valfer & Co., 33 Maiden Lane, New York.
	Welch & Miller, 171 Broadway, New York.
	Louis Wolfsheim, 48 Maiden Lane, New York.
K. SILVERWARE CASES.	Louis Ettinger & Sons, 65 Nassau St., New York.
	S. C. Jackson, 180 Broadway, New York.
	G. F. Kobb's Sons, 732 Sansom St., Philadelphia, Pa.
	A. F. Towle & Son Co., Greenfield, Mass.
37. CASKS.	Louis Burkhard, Syracuse, N. Y.
	Cincinnati Cooperage Co., Cincinnati, O.
	Edmands & Hooper, Charlestown, Mass.
	Phil Goerres, Milwaukee, Wis.
	Hauser, Brenner & Fath Co., Cincinnati, O.
	Daniel W. Ryan Cooperage Co., 17 Coventry St., Chicago, Ill.
	J. Schwarzwalder & Sons, 629 W. 51st St., New York.
	George Windeler, San Francisco, Cal.
A. STEEL CASKS.	W. J. Clark Co., Salem, O.
38. CRATES.	Berlin Fruit Box Co., Berlin Heights, O.
	Chas. G. Butts & Co., North Tonawanda, N. Y.
	Dodge & Bliss, Jersey City, N. J.
	Jas. H. Dykeman, 501 Union St., Brooklyn, N. Y.
	Pelican Box Factory, New Orleans, La.
	Rugg Mfg. Co., Greenfield, Mass.
	Saginaw Basket Co., Saginaw, W. S., Mich.
	F. Smeed & Co., Cleveland, O.
	South Side Mfg. Co., Petersburg, Va.
	E. J. Vance Box Co., Ltd., Bay City, Mich.
	Ward Kent Co., Greenfield, Tenn.
A. FRUIT NESTING CRATES.	South Side Mfg. Co., Petersburg, Va.
B. POULTRY SHIPPING COOPS.	Charles McClave, New London, O.
39. KEGS.	
A. HORSESHOE KEGS.	Edwin Bell & Sons Co., Youngstown, O.
B. NAIL KEGS.	Edwin Bell & Sons Co., Youngstown, O.
	Brooklyn Cooperage Co., 142 Kent Av., Brooklyn, N. Y.
	California Barrel Co., San Francisco, Cal.
	Cincinnati Cooperage Co., Cincinnati, O.
	Hauser, Brenner & Fath Co., Cincinnati, O.
	Impervious Package Co., Keene, N. H.
	E. Jenckes Mfg. Co., Pawtucket, R. I.
	Kilbourn & Co., Sandusky, O.
	Lang & Jacobs Co., 355 Atlantic Av., Boston, Mass.
	J. Schwarzwalder & Sons, 629 W. 51st St., New York.
	Weber Cooperage Co., Hoboken, N. J.
C. PICKLE KEGS.	Kilbourn & Co., Sandusky, O.

D. POWDER KEGS.	Beardsley Mfg. Co., Cleveland, O.
	A. D. Bridge, Hazardville, Conn.
	Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
	Impervious Package Co., Keene, N. H.
E. STEEL KEGS.	W. J. Clark Co., Salem, O.
F. SYRUP KEGS.	Brooklyn Cooperage Co., 142 Kent Av., Brooklyn, N. Y.
	California Barrel Co., San Francisco, Cal.
	Impervious Package Co., Keene, N. H.
	Augustus Taylor, Lunenburg, Mass.
	Weber Cooperage Co., Hoboken, N. J.
G. WHITE LEAD KEGS.	California Barrel Co., San Francisco, Cal.
	Cincinnati Cooperage Co., Cincinnati, O.
	Impervious Package Co., Keene, N. H.
H. WINE & LIQUOR KEGS.	Cincinnati Cooperage Co., Cincinnati, O.
	Bonsfield Woodenware Co., Minneapolis, Minn.
40. KITS.	California Barrel Co., San Francisco, Cal.
	Kilbourn & Co., Sandusky, O.
41. PACKAGES.	
A. BEER & ALE PACKAGES.	Cincinnati Cooperage Co., Cincinnati, O.
B. BUTTER PACKAGES.	Creamery Package Mfg. Co., 1 W. Wash. St., Chicago, Ill.
	Menasha Woodenware Co., Menasha, Wis.
	Record Mfg. Co., Conneaut, O.
C. FISH PACKAGES.	B. & A. D. Fessenden, Townsend, Mass.
	Menasha Woodenware Co., Menasha, Wis.
	Beaver Mills, Keene, N. H.
D. JELLY PACKAGES.	Menasha Woodenware Co., Menasha, Wis.
	Beaver Mills, Keene, N. H.
E. LARD PACKAGES.	Creamery Package Mfg. Co., 1 W. Wash. St., Chicago, Ill.
	B. & A. D. Fessenden, Townsend, Mass.
	Menasha Woodenware Co., Menasha, Wis.
	Record Mfg. Co., Conneaut, O.
	Impervious Package Co., Keene, N. H.
F. OIL PACKAGES.	R. G. Wright & Co., Buffalo, N. Y.
	Impervious Package Co., Keene, N. H.
G. PAINT AND VARNISH PACKAGES.	Record Mfg. Co., Conneaut, O.
	R. G. Wright & Co., Buffalo, N. Y.
H. PICKLE PACKAGES.	B. & A. D. Fessenden, Townsend, Mass.
	Impervious Package Co., Keene, N. H.
I. SYRUP PACKAGES.	B. & A. D. Fessenden, Townsend, Mass.
	Impervious Package Co., Keene, N. H.
	Menasha Woodenware Co., Menasha, Wis.
	Record Mfg. Co., Conneaut, O.
J. TIN LINED PACKAGES.	The Sayre Butter Package Co., Waverly, N. Y.
42. PAILS.	
A. BUTTER PAILS.	Hook Bros. Mfg. Co., Inc., Union City, Ind.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
	Beaver Mills, Keene, N. H.
B. CANDY PAILS.	Bonsfield Woodenware Co., Minneapolis, Minn.
	California Barrel Co., San Francisco, Cal.
	Creamery Package Mfg. Co., 1 W. Wash. St., Chicago, Ill.
	Menasha Woodenware Co., Menasha, Wis.
	Record Mfg. Co., Conneaut, O.
	Beaver Mills, Keene, N. H.
C. FISH PAILS.	Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
D. GREASE PAILS.	Beaver Mills, Keene, N. H.
	Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
E. JELLY PAILS.	California Barrel Co., San Francisco, Cal.
F. LARD PAILS.	Bonsfield Woodenware Co., Minneapolis, Minn.
	G. V. Brecht Butcher's Supply Co., St. Louis, Mo.
	E. P. Breckenridge Co., 1216 W. Bancroft St., Toledo, O.
	Hoy & Co., Albany, N. Y.
	Norton Bros., 813 Masonic Temple, Chicago, Ill.
	C. P. Poole & Co., 255 N. Front St., Philadelphia, Pa.
	Sidney Shepard & Co., Buffalo, N. Y.
	Troy Stamping Works, Troy, N. Y.
G. OLIVE PAILS.	California Barrel Co., San Francisco, Cal.
H. OYSTER PAILS.	Bonsfield Woodenware Co., Minneapolis, Minn.
	Dayton Paper Novelty Co., Dayton, O.
	Menasha Woodenware Co., Menasha, Wis.
	Sidney Shepard & Co., Buffalo, N. Y.
	Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
I. PICKLE PAILS.	California Barrel Co., San Francisco, Cal.
J. SAP PAILS.	Record Mfg. Co., 2727 Spring Grove Av., Cincinnati, O.
	Youngstown Specialty Mfg. Co., Youngstown, O.
K. SPICE PAILS.	Beaver Mills, Keene, N. H.
L. SYRUP PAILS.	California Barrel Co., San Francisco, Cal.

M. TOBACCO PAILS.
Menasha Woodenware Co., Menasha, Wis.
Union Mfg. Co., Toledo, O.

43. SHIPPING DRUMS.

A. FISH DRUMS.
Portland Cooperage Co., Portland, Me.

B. OIL DRUMS.
Iron Clad Mfg. Co., 22 Cliff St., New York.

C. TOBACCO DRUMS.
Michigan Barrel Co., Grand Rapids, Mich.
Union Mfg. Co., Toledo, O.

44. SLACK COOPERAGE STOCK.
Edwin Bell & Sons Co., Youngstown, O.

45. TUBS.

A. BUTTER TUBS.
J. S. Biesecker, 59 Murray St., New York.
Creamery Package Mfg. Co., 1 W. Wash. St., Chicago, Ill.
Davis Warehouse & Supply Co., 8 N. Clark St., Chicago, Ill.
Elgin Butter Tub Co., 119th N. State St., Elgin, Ill.
Fredk. C. Reed, 1226 S. Hancock St., Philadelphia, Pa.
Sayre Butter Package Co., Waverly, N. Y.
Wm. F. Thompson, Ithaca, Mich.
J. & A. Van Putten, Holland, Mich.

B. ICE CREAM TUBS.
Louis Beck, 810 Callowhill St., Philadelphia, Pa.
Thos. Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.

C. LARD TUBS.
J. & A. Van Putten, Holland, Mich.

D. MEAT TUBS.
N. U. Walker Clay Mfg. Co., Walkers, O.

IV. BROOMS AND BRUSHES.

46. BROOMS.

A. FROG AND SWITCH BROOMS.
J. W. Paxson Co., 1021 N. Delaware Av., Philadelphia, Pa.

B. HOUSEHOLD BROOMS.
American Broom & Brush Co., Amsterdam, N. Y.
Amsterdam Broom Co., Amsterdam, N. Y.
Geo. W. Bancroft, New Hartford, Conn.
Jas. S. Barron & Co., 160 Duane St., New York.
Brigham & Co., North Adams, Mass.
H. B. Cross, Akron, O.
Wm. Croston, Rochester, N. Y.
A. C. Dobbertin, Rochester, N. Y.
Evans & Liddle, Lockport, N. Y.
A. Fraser, Lockport, N. Y.
Gardner Broom Co., Amsterdam, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
E. D. Howard Co., Columbus, O.
Lee Broom & Duster Co., Davenport, Iowa.
Merkle-Wiley Broom Co., Paris, Ill.
John Otis, Washington, D. C.
John Otis & Co., Richmond, Va.
T. Peck & Co., Amsterdam, N. Y.
Perry Broom Mfg. Co., Indianapolis, Ind.
Charles Plunkett, 205 Duane St., New York.
J. Finley Smith & Son, 116 Chambers St., New York.
Southwestern Broom Mfg. Co., Evansville, Ind.
John F. Warth, 602 Degraw, Brooklyn, N. Y.
Julius Wasserman & Son, Amsterdam, N. Y.
John Wendling, Jr., New Orleans, La.
White, Valentine & Co., Urbana, O.

C. STABLE & STREET BROOMS.
Amsterdam Broom Co., Amsterdam, N. Y.
F. C. Austin Mfg. Co., Carpenter St. & Carroll Av., Chicago, Ill.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
E. D. Howard Co., Columbus, O.
Lee Broom & Duster Co., Davenport, Iowa.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Merkle-Wiley Broom Co., Paris, Ill.
Morris McGraw Woodenware Co., Ltd., New Orleans, La.
Pollock Brush Co., Easton, Pa.
White, Valentine & Co., Urbano, O.

D. STEEL SCRAPER BROOMS.
S. Obermayer Co., Cincinnati, O.

E. STEEL WIRE BROOMS.
Gilbert & Bennett Mfg. Co., 44 Cliff St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.

	S. Obermayer Co., Cincinnati, O.
	J. W. Paxon Co., 1021 N. Delaware Av., Philadelphia, Pa.
F. STEEL WIRE TRACK BROOMS.	S. Obermayer Co., Cincinnati, O.
G. TOY BROOMS.	Lee Broom & Duster Co., Davenport, Iowa.
	Merkle-Wiley Broom Co., Paris, Ill.
	Perry Broom Mfg. Co., Indianapolis, Ind.
47. BRUSHES, ARTISANS'.	
A. BAKERS' BRUSHES.	Wooster Brush Works, Wooster, O.
	American Brush Co., 62 Jefferson Av., Detroit, Mich.
B. BREWERS' BRUSHES.	Wooster Brush Works, Wooster, O.
C. CYLINDER BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Pollock Brush Co., Easton, Pa.
D. FOUNDRY BRUSHES.	J. W. Paxson & Co., 1021 N. Delaware Av., Philadelphia, Pa.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
E. GILDERS' BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Wm. H. Coe Mfg. Co., 230 Westminster St., Providence, R. I.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
	John Lucas & Co., 4th & Race Sts., Philadelphia. Pa.
F. GLUE BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	Flynn Bros., Lansingburg, N. Y.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	H. Rosenthal & Bro., 420 W. Broadway, New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
G. JEWELERS' WHEEL BRUSHES.	Pollock Brush Co., Easton, Pa.
	Chas. D. Thum, 150 N. 3d St., Philadelphia, Pa.
H. KALSOMINE BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	Ellis Thayer's Son, Pawtucket, R. I.
	J. L. Whitney & Son Co., High & Purchase Sts., Boston, Mass.
	Wooster Brush Works, Wooster, O.
I. MACHINE BRUSHES.	Hanlon & Goodman, 57 Fulton St., New York.
	Standard Brush Co., New Hartford, Conn.
	Ellis Thayer's Son, Pawtucket, R. I.
	Chas. D. Thum, 150 N. 3d St., Philadelphia, Pa.
J. MACHINISTS' BENCH BRUSHES.	S. Obermayer Co., Cincinnati, O.
K. MOULDERS' BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
	Owen Dennin & Sons, Lansingburg, N. Y.
	Grand Rapids Brush Co., Grand Rapids, Mich.
	S. Obermayer Co., Cincinnati, O.
	Pollock Brush Co., Easton, Pa.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
	Ellis Thayer's Son, Pawtucket, R. I.
L. PAPER HANGERS' BRUSHES.	Ellis Thayer's Son, Pawtucket, R. I.
	Wooster Brush Works, Wooster, O.
M. PLATING BRUSHES.	Grand Rapids Brush Co., Grand Rapids, Mich.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson & Co., 1021 N. Delaware Av., Philadelphia, Pa.
	E. P. Reichhelm & Co., 23 John St., New York.
N. PRINTERS' BRUSHES.	American Brush Co., 62 Jefferson Av., Detroit, Mich.
	Grand Rapids Brush Co., Grand Rapids, Mich.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	Standard Brush Co., New Hartford, Conn.
	Ellis Thayer's Son, Pawtucket, R. I.
O. SATIN FINISHED BRUSHES, STEEL WIRE.	E. P. Reichhelm & Co., 23 John St., New York.
	Ellis Thayer's Son, Pawtucket, R. I.
P. SCRATCH BRUSHES, BRASS WIRE.	E. P. Reichhelm & Co., 23 John St., New York.
	Ellis Thayer's Son, Pawtucket, R. I.
Q. SILVERSMITHS' WHEEL BRUSHES.	Chas. D. Thum, 150 N. 3d St., Philadelphia, Pa.
R. STEEL BOILER FLUE BRUSHES.	Owen Dennin & Sons, Lansingburg, N. Y.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1021 N. Delaware Av., Philadelphia, Pa.
S. STEEL CASTING BRUSHES.	Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
	Gilbert & Bennett Mfg. Co., 44 Cliff St., New York.
	Fred J. Meyers Mfg. Co., Hamilton, O.
	S. Obermayer Co., Cincinnati, O.
T. TANNERS' & CURRIERS' BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	Grand Rapids Brush Co., Grand Rapids, Mich.
	Wm. H. Horn & Co., 451 N. 3d St., Philadelphia, Pa.
	Ellis Thayer's Son, Pawtucket, R. I.

U. TAR & ROOFING BRUSHES.
J. J. Adams & Co., 128 Greenpoint Ave., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
Owen Dennin & Sons, Lansingburg, N. Y.
Hanlon & Goodman, 57 Fulton St., New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
J. Finley Smith & Son, 116 Chambers St., New York.

V. WHITEWASH BRUSHES.
American Brush Co., Detroit, Mich.
Bradley & Smith, 251 Pearl St., New York.
Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
Owen Dennin & Sons, Lansingburg, N. Y.
G. Chas. Guider & Co., 11 1-2 S. Frederick St., Baltimore, Md.
Hanlon & Goodman, 57 Fulton St., New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Ellis Thayer's Son, Pawtucket, R. I.
John L. Whitney & Son Co., Boston, Mass.
Wooster Brush Works, Wooster, O.

48. BRUSHES, HORSE.
American Brush Co., Detroit, Mich.
Bradley & Smith, 251 Pearl St., New York.
Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
Flynn Bros. Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Peters Harness & Saddlery Co., 11 Green St., Newark, N. J.
Pollock Brush Co., Easton, Pa.
H. Rosenthal & Bro., 420 W. Broadway, New York.
J. Finley Smith & Son, 116 Chambers St., New York.
Standard Brush Co., New Hartford, Conn.
Wooster Brush Works, Wooster, O.

49. BRUSHES, HOUSEHOLD & CLEANING.

A. BILLIARD TABLE BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Owen Dennin & Sons, Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
Hanlon & Goodman, 57 Fulton St., New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
E. Mitchell, 63 Fulton St., New York.
J. Finley Smith & Son, 116 Chambers St., New York.
Wm. H. Van Kleeck, Lansingburg, N. Y.

B. BOTTLE BRUSHES.
American Brush Co., 62 Jefferson Av., Detroit, Mich.
Bradley & Smith, 251 Pearl St., New York.
Grand Rapids Brush Co., Grand Rapids, Mich.
Hanlon & Goodman, 57 Fulton St., New York.
J. Finley Smith & Son, 116 Chambers St., New York.

C. CAR SCRUBS & WASHERS.
Bradley & Smith, 251 Pearl St., New York.
Grand Rapids Brush Co., Grand Rapids, Mich.
Hanlon & Goodman, 57 Fulton St., New York.
J. Finley Smith & Son, 116 Chambers St., New York.
Standard Brush Co., New Hartford, Conn.
John L. Whiting & Son Co., Boston, Mass.

D. CHIMNEY BRUSHES.
Bradley & Smith, 251 Pearl St., New York.
Hanlon & Goodman, 57 Fulton St., New York.
Rogers Brush Works, Deep River, Conn.

E. COUNTER BRUSHES.
American Brush Co., 62 Jefferson Av., Detroit, Mich.
Grand Rapids Brush Co., Grand Rapids, Mich.
Wooster Brush Works, Wooster, O.

F. CRUMB BRUSHES.
American Brush Co., 62 Jefferson Av., Detroit, Mich.
Bradley & Smith, 251 Pearl St., New York.
Owen Dennin & Sons, Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
Hanlon & Goodman, 57 Fulton St., New York.
John C. Jewett Mfg. Co., Buffalo, N. Y.
E. Mitchell, 63 Fulton St., New York.
J. Finley Smith & Son, 116 Chambers St., New York.
Wm. H. Van Kleeck, Lansingburg, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

G. DISH WASHER BRUSHES.
Grand Rapids Brush Co., Grand Rapids, Mich.

H. DUST BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Flynn Bros., Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
G. Chas. Guider & Co., 11 1-2 Frederick St., Baltimore, Md.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Pollock Brush Co., Easton, Pa.
John L. Whiting & Son Co., Boston, Mass.
Wooster Brush Works, Wooster, O.

I. FLOOR BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. American Brush Co., 62 Jefferson Av., Detroit, Mich. Bradley & Smith, 251 Pearl St., New York. Goodman Mfg. Co., Grand Rapids, Mich. Grand Rapids Brush Co., Grand Rapids, Mich. Jordan & Christie, 25 Charleston St., Boston, Mass. Lee Broom & Duster Co., Davenport, Iowa. J. M. C. Martin's Sons, 107 Fulton St., New York. Pollock Brush Co., Easton, Pa. John L. Whiting & Son Co., Boston, Mass. Wooster Brush Works, Wooster, O.
J. FLOOR WAXING AND POLISHING BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. Bradley & Smith, 251 Pearl St., New York. J. M. C. Martin's Sons, 107 Fulton St., New York. Standard Brush Co., New Hartford, Conn. Wood Mosaic Co., Rochester, N. Y. Wooster Brush Works, Wooster, O.
K. FURNITURE WAXING BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. Hanlon & Goodman, 57 Fulton St., New York.
L. GLASS CLEANING BRUSHES.	Bradley & Smith, 251 Pearl St., New York. Grand Rapids Brush Co., Grand Rapids, Mich. Rogers Brush Works, Deep River, Conn.
M. GUN BRUSHES.	Rogers Brush Works, Deep River, Conn.
N. HAT BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. Owen Dennin & Sons, Lansingburg, N. Y. Florence Mfg. Co., Florence, Mass. Grand Rapids Brush Co., Grand Rapids, Mich. Meriden Britannia Co., Meriden, Conn. Geo. Scott Co., Lansingburg, N. Y. Ellis Thayer's Son, Pawtucket, R. I. Wm. H. Van Kleeck, Lansingburg, N. Y. R. Wallace Sons Mfg. Co., Wallingford, Conn. E. & C. Wood Co., Lansingburg, N. Y.
O. HEARTH BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. Bradley & Smith, 251 Pearl St., New York. Owen Dennin & Sons, Lansingburg, N. Y. Grand Rapids Brush Co., Grand Rapids, Mich. Hanlon & Goodman, 57 Fulton St., New York. Jordan & Christie, 25 Charleston St., Boston, Mass. Lee Broom & Duster Co., Davenport, Iowa.
P. KITCHEN BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. Bradley & Smith, 251 Pearl St., New York. Owen Dennin & Sons, Lansingburg, N. Y. Grand Rapids Brush Co., Grand Rapids, Mich. Hanlon & Goodman, 57 Fulton St., New York. Ellis Thayer's Son, Pawtucket, R. I.
Q. LAMP CHIMNEY BRUSHES.	American Brush Co., 62 Jefferson Av., Detroit, Mich. Bradley & Smith, 251 Pearl St., New York. Hanlon & Goodman, 57 Fulton St., New York. Rogers Brush Works, Deep River, Conn. Ellis Thayer's Son, Pawtucket, R. I.
R. MILL SWEEPING BRUSHES.	Pollock Brush Co., Easton, Pa.
S. PIPE CLEANING FIBRE BRUSHES.	Pollock Brush Co., Easton, Pa.
T. POCKET HAT BRUSHES.	Florence Mfg. Co., 23 Green St., New York. New England Novelty Mfg. Co., Portland St., Boston, Mass.
U. POPES EYES.	Grand Rapids Brush Co., Grand Rapids, Mich.
V. SCRUB BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. American Brush Co., 62 Jefferson Av., Detroit, Mich. Bradley & Smith, 251 Pearl St., New York. Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O. Owen Dennin & Sons, Lansingburg, N. Y. F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York. Grand Rapids Brush Co., Grand Rapids, Mich. Hanlon & Goodman, 57 Fulton St., New York. Jordan & Christie, 25 Charleston St., Boston, Mass. Lee Broom & Duster Co., Davenport, Iowa. John Lucas & Co., 4th & Race Sts., Philadelphia, Pa. J. M. C. Martin's Sons, 107 Fulton St., New York. E. Mitchell, 63 Fulton St., New York. J. Finley Smith & Son, 116 Chambers St., New York. Standard Brush Co., New Hartford, Conn. Ellis Thayer's Son, Pawtucket, R. I.
W. SHOE BRUSHES & DAUBERS.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y. American Brush Co., 62 Jefferson Av., Detroit, Mich. E. J. Bailey & Co., 22 Boylston St., Boston, Mass.

Bradley & Smith, 251 Pearl St., New York.
Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
Owen Dennin & Sons, Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
Handy Shoe Brush & Polish Co., Racine, Wis.
Jordan & Christie, 81 Fulton St., Boston, Mass.
J. M. C. Martin's Sons, 107 Fulton St.; New York.
Parks & Parks, Troy, N. Y.
Pollock Brush Co., Easton, Pa.
J. Finley Smith & Son, 116 Chambers St., New York.
Standard Brush Co., New Hartford, Conn.
Ellis Thayer's Son, Pawtucket, R. I.

X. SILVER CLEANING BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Hanlon & Goodman, 57 Fulton St., New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
E. Mitchell, 63 Fulton St., New York.
J. Finley Smith & Son, 116 Chambers St., New York.
Ellis Thayer's Son, Pawtucket, R. I.

Y. STOVE BRUSHES.
American Brush Co., Detroit, Mich.
Bradley & Smith, 251 Pearl St., New York.
Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
Grand Rapids Brush Co., Grand Rapids, Mich.
Jordan & Christie, 25 Charleston St., Boston, Mass.
Parks & Parks, Troy, N. Y.
J. Finley Smith & Son, 116 Chambers St., New York.
Standard Brush Co., New Hartford, Conn.
Ellis Thayer's Son, Pawtucket, R. I.

Z. TUMBLER BRUSHES.
American Brush Co., 62 Jefferson Av., Detroit, Mich.
Grand Rapids Brush Co., Grand Rapids, Mich.

AA. VELVET BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Owen Dennin & Son, Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
R. Wallace Sons Mfg. Co., Wallingford, Conn.

BB. WATER CLOSET BRUSHES.
Pollock Brush Co., Easton, Pa.
Rogers Brush Works, Deep River, Conn.

CC. WINDOW BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
American Brush Co., 62 Jefferson Av., Detroit, Mich.
Bradley & Smith, 251 Pearl St., New York.
Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
Owen Dennin & Son, Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
Jordan & Christie, 25 Charleston St., Boston, Mass.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Pollock Brush Co., Easton, Pa.
Ellis Thayer's Son, Pawtucket, R. I.
John L. Whiting & Sons Co., Boston, Mass.

DD. WIRE BRUSHES.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.

50. BRUSHES, PAINT.

A. ARTISTS' BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Hanlon & Goodman, 57 Fulton St., New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Miles Bros. & Co., 102 Fulton St., New York.
John L. Whiting & Son Co., Boston, Mass.

B. BLENDERS.
Bradley & Smith, 251 Pearl St., New York.
Hanlon & Goodman, 57 Fulton St., New York.

C. BLIND BRUSHES.
Bradley & Smith, 251 Pearl St., New York.
Hanlon & Goodman, 57 Fulton St., New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Ellis Thayer's Son, Pawtucket, R. I.

D. BORDERING BRUSHES.
Bradley & Smith, 251 Pearl St., New York.
Hanlon & Goodman, 57 Fulton St., New York.

E. BRICK LINERS.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Hanlon & Goodman, 57 Fulton St., New York.
Chas. W. Mulford, 94 Beekman St., New York.

F. CAMEL HAIR BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Hanlon & Goodman, 57 Fulton St., New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
H. Rosenthal & Bro., 420 W. Broadway, New York.

G. CARRIAGE & COACH BRUSHES.
J. M. C. Martin's Sons, 107 Fulton St., New York.

H. DUSTING BRUSHES.
Wooster Brush Works, Wooster, O.

I. FLAT PAINT BRUSHES.
J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.

	Owen Dennin & Sons, Lansingburg, N. Y.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
	G. Chas. Guider & Co., 12½ Frederick St., Baltimore, Md.
	Hanlon & Goodman, 57 Fulton St., New York.
	John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	E. Mitchell, 63 Fulton St., New York.
	H. Rosenthal & Bro., 152 Worth St., New York.
	Ellis Thayer's Son, Pawtucket, R. I.
	John L. Whiting & Son Co., Boston, Mass.
J. FRESCO PAINTERS' BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	Owen Dennin & Sons, Lansingburg, N. Y.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
	Flynn Bros., Lansingburg, N. Y.
	Hanlon & Goodman, 57 Fulton St., New York.
	Ellis Thayer's Son, Pawtucket, R. I.
K. GRAINING BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
L. LACQUERING BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	F. W. Devoe & C. T. Raynolds, 101 Fulton St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
M. LETTERING BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	Chas. W. Mulford, 94 Beekman St., New York.
N. MARKING BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	E. Mitchell, 63 Fulton St., New York.
	H. Rosenthal & Bro., 420 W. Broadway, New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
O. MOTTLING BRUSHES	Bradley & Smith, 251 Pearl St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
P. SASH TOOLS.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
	Hanlon & Goodman, 57 Fulton St., New York.
	Ellis Thayer's Son, Pawtucket, R. I.
Q. SHIP SEAM BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
R. SKIMMING BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
S. SPOKE BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
	Hanlon & Goodman, 57 Fulton St., New York.
T. STENCIL BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	E. Mitchell, 63 Fulton St., New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
U. STIPPLING BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
V. VARNISH BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
	Owen Dennin & Sons, Lansingburg, N. Y.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	H. Rosenthal & Bro., 420 W. Broadway, New York.
	Chas. D. Thum, 150 N. 3d St., Philadelphia, Pa.
	John L. Whiting & Son Co., Boston, Mass.
	Wooster Brush Works, Wooster, O.
W. WOOD FILLERS' BRUSHES.	Bradley & Smith, 251 Pearl St., New York.
	Grand Rapids Brush Co., Grand Rapids, Mich.
	Hanlon & Goodman, 57 Fulton St., New York.

51. BRUSHES, SPECIAL.

Standard Brush Co., New Hartford, Conn.
Wm. H. Van Kleeck, Lansingburg, N. Y.

A. BRUSHES FOR MOUNTING IN METAL.

E. Mitchell, 93 Fulton St., New York.

52. BRUSHES, STEEL WIRE.

Cincinnati Mfg. Co., 529 Walnut St., Cincinnati, O.
Eureka Tempered Copper Co., North East, Pa.
Gilbert & Bennett Mfg. Co., 44 Cliff St., New York.
S. Obernheimer Co., 18th & Rockwell Sts., Chicago, Ill.
J. W. Pierce Co., 1001 N. Delaware Av., Philadelphia, Pa.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

53. BRUSHES, TOILET.

A. BATH BRUSHES.

J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
American Brush Co., 62 Jefferson Av., Detroit, Mich.
Bradley & Smith, 251 Pearl St., New York.
Owen Dennin & Sons, Lansingburg, N. Y.
Flynn Bros., Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
Moritz Leiner, 1267 Boston Road, New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Rogers Brush Works, Deep River, Conn.
Standard Brush Co., New Hartford, Conn.
Wm. H. Van Kleeck, Lansingburg, N. Y.
E. & C. Wood Co., Lansingburg, N. Y.

B. CHAMOIS BRUSHES.

Hanlon & Goodman, 57 Fulton St., New York.

C. CLOTH BRUSHES.

J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Brownell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
Owen Dennin & Sons, Lansingburg, N. Y.
Florence Mfg. Co., Florence, Mass.
Flynn Bros., Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Geo. Scott Co., Lansingburg, N. Y.
Standard Brush Co., New Hartford, Conn.
Wm. H. Van Kleeck, Lansingburg, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
E. & C. Wood Co., Lansingburg, N. Y.

D. COMPLEXION BRUSHES.

Grand Rapids Brush Co., Grand Rapids, Mich.

E. COSMETIC BRUSHES.

Grand Rapids Brush Co., Grand Rapids, Mich.
Hanlon & Goodman, 57 Fulton St., New York.

F. DANDRUFF BRUSHES.

Flynn Brothers, Lansingburg, N. Y.
Wm. H. Van Kleeck, Lansingburg, N. Y.

G. FELT TOOTH BRUSHES.

Geo. Scott Co., Lansingburg, N. Y.

H. FLESH BRUSHES.

J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Bradley & Smith, 251 Pearl St., New York.
Owen Dennin & Sons, Lansingburg, N. Y.
Flynn Bros., Lansingburg, N. Y.
Grand Rapids Brush Co., Grand Rapids, Mich.
Hanlon & Goodman, 57 Fulton St., New York.
Moritz Leiner, 1267 Boston Road, New York.
J. M. C. Martin's Sons, 107 Fulton St., New York.
E. Mitchell, 93 Fulton St., New York.
Rogers Brush Works, Deep River, Conn.
Geo. A. Scott, 842 Broadway, New York.
Wm. H. Van Kleeck, Lansingburg, N. Y.
E. & C. Wood Co., Lansingburg, N. Y.

I. HAIR BRUSHES.

J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
Ames Brunner Co., Toledo, O.
Owen Dennin & Sons, Lansingburg, N. Y.
Florence Mfg. Co., Florence, Mass.
Grand Rapids Brush Co., Grand Rapids, Mich.
J. M. C. Martin's Sons, 107 Fulton St., New York.
Geo. A. Scott, 842 Broadway, New York.
Standard Brush Co., 17 Rush St., Brooklyn, N. Y.
Standard Brush Co., New Hartford, Conn.
Wm. H. Van Kleeck, Lansingburg, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
E. & C. Wood Co., Lansingburg, N. Y.

J. HAIR BRUSHES, ELECTRIC.

Geo. A. Scott, 842 Broadway, New York.

K. NAIL BRUSHES.

J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
American Brush Co., 62 Jefferson Av., Detroit, Mich.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Owen Dennin & Sons, Lansingburg, N. Y.
Florence Mfg. Co., Florence, Mass.
Grand Rapids Brush Co., Grand Rapids, Mich.
Rogers Brush Works, Deep River, Conn.

	Geo. Scott Co., Lansingburg, N. Y.
	Standard Brush Co., New Hartford, Conn.
	Wm. H. Van Kleeck, Lansingburg, N. Y.
	R. Wallace & Sons Mfg. Co.. Wallingford, Conn.
	E. & C. Wood Co., Lansingburg, N. Y.
L. RUBBER BATH BRUSHES.	C. J. Bailey & Co., 23 Boylston St., Boston, Mass.
	Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
M. RUBBER HAND BRUSHES.	C. J. Bailey & Co., 22 Boylston St., Boston, Mass.
N. RUBBER SHAMPOO BRUSHES.	C. J. Bailey & Co., 22 Boylston St., Boston, Mass.
O. RUBBER TOOTH BRUSHES.	C. J. Bailey & Co., 22 Boylston St., Boston, Mass.
P. SHAVING BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Bradley & Smith, 251 Pearl St., New York.
	Bromwell Brush & W. G. Co., 429 Walnut St., Cincinnati, O.
	Flynn Bros., Lansingburg, N. Y.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
	E. Mitchell, 63 Fulton St., New York.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Q. STERLING SILVER HAIR BRUSHES.	Theo. W. Foster & Bros. Co., Richmond St., Providence, R.I.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
R. TOOTH BRUSHES.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Florence Mfg. Co., Florence, Mass.
	Geo. A. Scott, 842 Broadway, New York.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
	S. S. White Dental Mfg. Co., Chestnut & 12th Sts., Phila., Pa.
S. WIRE HAIR BRUSHES.	John H. Mulholland, 80 Elm St., New York.
54. CARPET SWEEPERS.	Bissell Carpet Sweeper Co., Grand Rapids, Mich.
	Goshen Sweeper Co., Grand Rapids, Mich.
	Rogers Brush Works, Deep Water, Conn.
	Ellis Thayer's Son, Pawtucket, R. I.
	Wilcox Mfg. Co., Aurora, Ill.
A. TOY CARPET SWEEPERS.	Bissell Carpet Sweeper Co., Grand Rapids, Mich.
55. DUSTERS.	Bradley & Smith, 251 Pearl St., New York.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
	Grand Rapids Brush Co., Grand Rapids, Mich.
	Hanlon & Goodman, 57 Fulton St., New York.
	J. Finley Smith & Son, 116 Chambers St., New York.
A. ARTISANS' DUSTERS.	Grand Rapids Brush Co., Grand Rapids, Mich.
B. BARBERS' DUSTERS.	Bradley & Smith, 251 Pearl St., New York.
	Owen Dennin & Sons, Lansingburg, N. Y.
	J. M. C. Martin's Sons, 107 Fulton St., New York.
C. COUNTER DUSTERS.	Grand Rapids Brush Co., Grand Rapids, Mich.
	J. Finley Smith & Son, 116 Chambers St., New York.
D. CREPE DUSTERS.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn, N. Y.
	Chas. W. Mulford, 94 Beekman St., New York.
E. FEATHER DUSTERS.	Cincinnati Mfg. Co., 519 Walnut St., Cincinnati, O.
	Dearborn Duster Co., 330 Dearborn St., Chicago, Ill.
	Hayes Duster Co., 51 Vesey St., New York.
	Lee Broom & Duster Co., Davenport, Iowa.
F. FURNITURE & PLUSH DUSTERS.	Bradley & Smith, 251 Pearl St., New York.
	Owen Dennin & Sons, Lansingburg, N. Y.
	Hanlon & Goodman, 57 Fulton St., New York.
	Jordan & Christie, 25 Charlestown St., Boston, Mass.
	J. Finley Smith & Son, 107 Chambers St., New York.
G. HEMP DUSTERS.	Dearborn Duster Co., 330 Dearborn St., Chicago, Ill.
H. MOULDERS' DUSTERS.	Grand Rapids Brush Co., Grand Rapids, Mich.
	Hanlon & Goodman, 57 Fulton St., New York.
I. OSTRICH FEATHER DUSTERS.	R. B. Tindall & Co., 103 Chambers St., New York.
J. PAINTERS' DUSTERS.	Bradley & Smith, 251 Pearl St., New York.
	Owen Dennin & Sons, Lansingburg, N. Y.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., New York.
	Hanlon & Goodman, 57 Fulton St., New York.
	Jordan & Christie, 25 Charlestown St., Boston, Mass.
	J. M. C. Martin's Sons. 107 Fulton St., New York.
	E. Mitchell, 63 Fulton St., New York.
	J. Finley Smith & Son. 116 Chambers St., New York.
K. PARLOR & MANTEL DUSTERS.	J. J. Adams & Co., 128 Greenpoint Av., Brooklyn. N. Y.
	Jordan & Christie, 25 Charlestown St., Boston, Mass.
L. RADIATOR DUSTERS.	Pollock Brush Co., Easton, Pa.
M. TISSUE PAPER DUSTERS.	J. M. Powell, 192 Front St., New York.
N. TURKEY FEATHER DUSTERS.	American Duster Co., 105 Scholes St., Brooklyn, N. Y.
	Chicago Feather Duster Co., 196 Mather St., Chicago, Ill.
	Dearborn Duster Co., 50 S. Canal St., Chicago, Ill.
	Hayes Duster Co., 51 Vesey St., New York.

Lee Broom & Duster Co., Davenport, Iowa.
Spectovsky Bros., 257 Canal St., New York.
Woven Down Duster Co., Chicago, Ill.

O. WIRE DRAWN DUSTERS.
Pollock Brush Co., Easton, Pa.

56. WHISK BROOMS.
Amsterdam Broom Co., 43 Broadside Av., Buffalo, N. Y.
Evans & Liddle, Lockport, N. Y.
Harrison & Dickson, Los Angeles, Cal.
E. D. Howard Co., Columbus, O.
Lee Broom & Duster Co., Davenport, Iowa.
Merkle-Wiley Broom Co., Paris, Ill.
Perry Broom Mfg. Co., Indianapolis, Ind.
Southwestern Broom Mfg. Co., Evansville, Ind.
Wallace & Sons Mfg. Co., Wallingford, Conn.
White, Valentine & Co., Urbana, O.

V. CARPETS, OILCLOTH AND MATTING.

57. CARPET LININGS.

A. FOLDED PAPER LINING.
C. S. Garrett & Son, 12 Decatur St., Philadelphia, Pa.
Norwich Folded Paper Carpet Lining Co., Norwich, Conn.

B. PAPER LINING.
H. H. Hopkins, 50 Dearborn St., Chicago, Ill.
National Carpet Lining Co., 157 W. 6th St., Boston, Mass.
New York Carpet Lining Co., 308 E. 95th St., New York.
H. F. Watson Co., Erie, Pa.

C. STITCHED CARPET LINING.
Crown Carpet Lining Co., Providence, R. I.
Lewis Batting Co., Walpole, Mass.
Union Carpet Lining Co., 179 Devonshire St., Boston, Mass.

58. CARPETS.

A. ARRAS CARPETS.
McCallum & McCallum, Wayne Junction, Philadelphia, Pa.

B. ART CARPETS.
Robert Cleeland & Sons, 1101 Waverly St., Philadelphia, Pa.

C. AXMINSTER CARPETS.
Bigelow Carpet Co., 100 Worth St., New York.
J. W. Dimick Co., 111 Fifth Av., New York.
John & Jas. Dobson, 28 N. Front St., Philadelphia, Pa.
Hartford Carpet Co., Thompsonville, Conn.
E. S. Higgins Carpet Co., 41 Union Sq., W., New York.
Read Carpet Co., Bridgeport, Conn.
Stephen Sanford & Sons, Amsterdam, N. Y.
Alex. Smith & Sons' Carpet Co., Yonkers, N. Y.

D. BRUSSELS CARPETS.
Bigelow Carpet Co., 100 Worth St., New York.
Bromley Carpet Co., Jasper & Taylor Sts., Philadelphia, Pa.
J. Bromley & Sons, N. Front & E. Dauphin Sts., Phila., Pa.
J. W. Dimick Co., 111 5th Av., New York.
John & Jas. Dobson, 28 N. Front St., Philadelphia, Pa.
Firth Carpet Co., Firthcliffe, N. Y.
Hartford Carpet Co., Thompsonville, Conn.
E. S. Higgins Carpet Co., 41 Union Sq., W., New York.
Ivins, Dietz & Magee, 1217 Market St., Philadelphia, Pa.
Lowell Mfg. Co., Lowell, Mass.
McCallum & McCallum, Wayne Junction, Philadelphia, Pa.
Palmer Carpet Mfg. Co., Palmer, Mass.
J. H. Pray Sons & Co., Boston, Mass.
Roxbury Carpet Co., Boston, Mass.
Stephen Sanford & Sons, Amsterdam, N. Y.
Schofield, Mason & Co., Cumberland & N. 5th Sts., Phila., Pa.
Shuttleworth Bros., Amsterdam, N. Y.
W. & J. Sloane, 884 Broadway, New York.
Alex. Smith & Sons' Carpet Co., Yonkers, N. Y.
Stinson Bros., Huntingdon, cor. N. Reese, Philadelphia, Pa.
Mathew J. Whittall, Worcester, Mass.
Joseph Wild & Co., 82 Worth St., New York.
Worcester Carpet Co., Worcester, Mass.

E. CARRIAGE CARPETS.
Schofield, Mason & Co., Philadelphia, Pa.

F. DAMASK & VENETIAN CARPETS.
Bromley Bros. Carpet Co., York St., Philadelphia, Pa.
James & Geo. D. Bromley, Adams & Jasper Sts., Phila., Pa.
C. P. Cochrane, N. Howard St. & Lehigh Av., Phila., Pa.
Dickey & McMaster, Hancock St. & Lehigh Av., Phila., Pa.
James Hall, Conshohocken, Pa.
D. Jamieson's Sons, 1732 Blear St., Philadelphia, Pa.
Thomas L. Leedom & Co., Bristol, Pa.

	James Pollock & Sons, Dauphin & Tulip Sts., Phila., Pa.
G. FELT CARPETS.	Haratune Iskiyan, 42 Franklin St., New York.
H. HEMP CARPETS.	Henry L. Butler, Paterson, N. J.
	Chelsea Jute Mills, 316 Broadway, New York.
	Dolphin Jute Mills, Paterson, N. J.
	Lamond & Robertson Co., Paterson, N. J.
	Thomas L. Leedom & Co., Bristol, Pa.
I. INGRAIN CARPETS.	Thos. Boggs & Son, N. 2d & Allegheny Av., Phila., Pa.
	Bromley Bros. & Co., Jasper & Taylor Sts., Philadelphia, Pa.
	Robert Carson, 2155 E. Huntingdon St., Philadelphia, Pa.
	Thomas Caves & Sons, 2523 N. 3d St., Philadelphia, Pa.
	Robert Cleeland & Sons, 1101 Waverly St., Philadelphia, Pa.
	Crawshaw Carpet Co., Newburg, N. Y.
	Alexander Crow, Jr., 2212 Noble St., Philadelphia, Pa.
	Thos. Develon's Sons, Hancock St. & Lehigh Av., Phila., Pa.
	John & Jas. Dobson, 28 N. Front St., Philadelphia, Pa.
	Philip Doerr & Sons, 1700 N. 5th St., Philadelphia, Pa.
	Dornan Bros., N. Howard & Oxford Sts., Philadelphia, Pa.
	Est. of E. Biswanger, Emerald & Wishart Sts., Phila., Pa.
	Jas. Galbraith & Bros., Hancock St., Philadelphia, Pa.
	John Gay's Sons, Howard & Morris Sts., Philadelphia, Pa.
	Getty & Spratt, 2414 E. Huntingdon St., Philadelphia, Pa.
	John Hamilton, 2715 N. Howard St., Philadelphia, Pa.
	Hartford Carpet Co., Thompsonville, Conn.
	E. S. Higgins Carpet Co., 41 Union Sq., New York.
	Archibald Holmes & Son, 2718 N. Hancock St., Phila., Pa.
	H. Holmes & Sons, Trenton Av. & E. Auburn St., Phila., Pa.
	Thos. Huston & Co., Dauphin St. & Trenton Av., Phila., Pa.
	Ivins, Dietz & Magee, 1220 Market St., Philadelphia, Pa.
	D. Jamieson's Sons, 1732 Blear St., Philadelphia, Pa.
	Judge Bros. Carpet Co., Columbia Av., Philadelphia, Pa.
	Keystone Carpet Mills, Huntingdon & 3d Sts., Phila., Pa.
	Thomas L. Leedom & Co., Bristol, Pa.
	Lowell Mfg. Co., Lowell, Mass.
	McCallum & McCallum, Wayne Junction, Philadelphia, Pa.
	Hugh Nelson, 1726 Howard St., Philadelphia, Pa.
	Nye & Waite Carpet Co., Auburn, N. Y.
	Edward C. Read, Howard & Lehigh Av., Philadelphia, Pa.
	Read Carpet Co., Bridgeport, Conn.
	Alex. Smith & Sons Carpet Co., Yonkers, N. Y.
	Jos. Taylor & Son, 115 Montgomery Av., Philadelphia, Pa.
	Van Deventer Carpet Co., Plainfield, N. J.
	Wm. Whitaker & Sons, 236 Church St., Philadelphia, Pa.
J. JUTE CARPETS.	Schofield, Mason & Co., Cumberland & N. Fairhill, Phila, Pa.
	York Carpet Mills, York, Pa.
K. MOQUETTE CARPETS.	Bigelow Carpet Co., Clinton, Mass.
	Hartford Carpet Co., Thompsonville, Conn.
	E. S. Higgins Carpet Co., 41 Union Sq., W., New York.
	Read Carpet Co., Bridgeport, Conn.
	Alex. Smith & Sons Carpet Co., Yonkers, N. Y.
	Stinson Bros., Huntingdon & N. Reese Sts., Philadelphia, Pa.
L. PERSIAN CARPETS.	Bromley Bros. Carpet Co., Jasper & Taylor Sts., Phila., Pa.
M. RAG CARPETS.	Robt. Cleeland & Sons, 1101 Waverly St., Philadelphia, Pa.
	John Gibb, 704 S. 5th St., Philadelphia, Pa.
	York Carpet Mills, York, Pa.
N. SMYRNA CARPETS.	J. Bromley & Sons, N. Front & E. Dauphin Sts., Phila., Pa.
	Wm. T. Smith & Son, N. 3d St. & Lehigh Av., Phila., Pa.
	Samuel White, Columbia Av. & Front St., Philadelphia, Pa.
O. TAPESTRY CARPETS.	Beattie Mfg. Co., Little Falls, N. J.
	Cochrane Mfg. Co., Malden, Mass.
	John & Jas. Dobson, 28 N. Front St., Philadelphia, Pa.
	Firth Carpet Co., Firthcliffe, N. Y.
	E. S. Higgins Carpet Co., 41 Union Sq., W., New York.
	Hirst & Roger, E. Allegheny Av., Philadelphia, Pa.
	Keystone Carpet Mills, Huntingdon & 3d Sts., Phila., Pa.
	Roxbury Carpet Co., Roxbury, Mass.
	Stephen Sanford & Sons, Amsterdam, N. Y.
	Alex. Smith & Sons Carpet Co., Yonkers, N. Y.
	Stinson Bros., Huntingdon & N. Reese Sts., New York.
P. VELVET CARPETS.	Firth Carpet Co., Firthcliff, N. Y.
	E. S. Higgins Carpet Co., 41 Union Sq., W., New York.
	Keystone Carpet Mills, Huntingdon & 3d Sts., Phila., Pa.
Q. WILTON CARPETS.	Bigelow Carpet Co., 100 Worth St., New York.
	J. Bromley & Sons, N. Front & E. Dauphin Sts., Phila., Pa.
	Burtworth Carpet Co., Springfield, Mass.
	J. W. Dimick Co., Rifton Glen, N. Y.

John & Jas. Dobson, 28 N. Front St., Philadelphia, Pa.
Hartford Carpet Co., Thompsonville, Conn.
Lowell Mfg. Co., Lowell, Mass.
McCallum & McCallum, Wayne Junction, Philadelphia, Pa.
Palmer Carpet Mfg. Co., Palmer, Mass.
Stephen Sanford & Sons, Amsterdam, N. Y.
Schofield, Mason & Co., Cumberland & N. Fairhill, Phila., Pa.
Shuttleworth Bros., Amsterdam, N. Y.
Stinson Bros., Huntingdon & N. Reese Sts., Philadelphia, Pa.
Matthew J. Whittall, Worcester, Mass.
Worcester Carpet Co., Worcester, Mass.

R. WOOD CARPETS.
John W. Boughton, 1207 Chestnut St., Philadelphia, Pa.
E. B. Moore & Co., 48 Randolph St., Chicago, Ill.
Racine Hardware Co., Racine, Wis.

S. YARN CARPETS.
Robt. Cleeland & Son, 1101 Waverly St., Philadelphia, Pa.

59. LINOLEUM.
Geo. W. Blabon & Co., 34 W. 5th St., Philadelphia, Pa.
Nairn Linoleum Co., Kearney, N. J.
Thos. Potter Sons & Co., 522 Arch St., Philadelphia, Pa.
Deborah Powers & Sons, Lansingburg, N. Y.
R. H. & B. C. Reeves, Camden, N. J.
Trenton Oilcloth & Linoleum Co., Trenton, N. J.

60. MATS.

A. ASBESTOS MATS.
Haslet Flanagan & Co., 116 N. 2d St., Philadelphia, Pa.
H. W. Johns Mfg. Co., 100 William St., New York.

B. BATH MATS.
Armstrong Cork Co., Pittsburg, Pa.
Star & Crescent Mill Co., Lehigh Av., Philadelphia, Pa.

C. FELT SHOW CASE MATS.
C. E. Atkins, 12 Centre St., New York.

D. FIBRE FLOOR MATS.
Standard Fibre-Ware Co., Mankato, Minn.

E. IRON AND STEEL MATS.
New York Steel Mat Co., Jersey City, N. J.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
A. Toffler, 733 First Av., New York.
Van Dorn Iron Works Co., Cleveland, O.

F. RATTAN MATS.
Heywood Bros. & Wakefield Co., 297 Cherry St., New York.

G. RUBBER MATS.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
E. H. Clapp Rubber Co., 7 Otis St., Boston, Mass.
Crescent Belting & Packing Co., Trenton, N. J.
Empire Rubber Mfg. Co., 58 Reade St., New York.
B. T. Goodrich Co., Akron, O.
Goodyear's I. R. G. Mfg. Co., 503 Broadway, New York.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Revere Rubber Co., 63 Franklin St., Boston, Mass.
Rubber Step Mfg. Co., Exeter, N. H.
Trenton Rubber Co., Trenton, N. J.
Tyer Rubber Co., Andover, Mass.

H. SPITTOON MATS.
Cordley & Hayes, 172 Duane St., New York.

I. WIRE MATS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
Edward Darby & Sons, Philadelphia, Pa.
Detroit Safe Co., Detroit, Mich.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Hartman Mfg. Co., 277 Broadway, New York.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
Page Woven Wire Fence Co., Adrian, Mich.
Wire Goods Co., Worcester, Mass.

J. WOOD FLEXIBLE MATS.
Edward Beadle, 1193 Broadway, New York.
A. Toffler, 733 First Av., New York.

K. WOOD STREET-CAR MATS.
Samuel Lewis, 10 Lorimer St., Brooklyn, N. Y.
J. G. Sjoberg & Co., 145 Eleventh Av., New York.

L. WOOL MATS.
J. H. Bishop Co., Wyandotte, Mich.

61. MATTINGS.

A. COCOA MATTING.
East India Mfg. Co., 77 Wallabout St., Brooklyn, N. Y.
James A. Turfey, Cambridgeport, Mass.
Western Penitentiary, Allegheny, Pa.
Jos. Wild & Co., 82 Worth St., New York.

B. JUTE FIBRE MATTING.
Washington State Penitentiary, Walla Walla, Wash.

C. RUBBER MATTING.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Crescent Belting & Packing Co., Trenton, N. J.
B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

Home Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Trenton Rubber Co., Trenton, N. J.

62. OIL CLOTH.

A. CARRIAGE FLOOR CLOTH.
American Linoleum Mfg. Co., Boston, Mass.
C. M. Bailey's Sons & Co., Winthrop, Me.
Geo. W. Blabon Co., 34 W. 5th St., Philadelphia, Pa.
Thos. Potter Sons & Co., 522 Arch St., Philadelphia, Pa.
Alden Sampson & Sons, 58 Reade St., New York.
Western Linoleum Co., Akron, O.

B. CARRIAGE OIL CLOTH.
Atha & Hughes, Newark, N. J.
Thos. Potter Sons & Co., 522 Arch St., Philadelphia, Pa.
Trenton Oil Cloth & Linoleum Co., Trenton, N. J.

C. ENAMELLED OIL CLOTH.
Atha & Hughes, Newark, N. J.
Geo. W. Blabon Co., 34 W. 5th St., Philadelphia, Pa.
A. F. Buchanan & Sons, Inc., 14 Thomas St., New York.
Thos. Potter & Sons Co., 522 Arch St., Philadelphia, Pa.
Taunton Oilcloth Co., Taunton, Mass.
Trenton Oilcloth & Linoleum Co., Trenton, N. J.
Western Linoleum Co., Akron, O.

D. FLOOR OIL CLOTH.
American Linoleum Mfg. Co., Boston, Mass.
C. M. Bailey's Sons & Co., Winthrop, Me.
Geo. W. Blabon & Co., 34 W. 5th St., Philadelphia, Pa.
Chandler & Gay, Norwood, Mass.
J. C. Dunn & Co., Camden, N. J.
Farr & Bailey Mfg. Co., Camden, N. J.
Robert C. Haskell & Co., Lansingburg, N. Y.
Kirkcaldy Linoleum Co., Ltd., 264 Canal St., New York.
P. J. Murphy & Co., Camden, N. J.
Nairn Linoleum Co., Kearney, N. J.
Thos. Potter Sons & Co., 522 Arch St., Philadelphia, Pa.
Deborah Powers & Sons, Lansingburg, N. Y.
R. H. & B. C. Reeve Co., Camden, N. J.
Alden Sampson & Sons, 58 Reade St., New York.
Trenton Oilcloth & Linoleum Co., Trenton, N. J.
Wilder & Co., Hallowell, Me.

E. SHELF OIL CLOTH.
Atha & Hughes, Newark, N. J.

F. TABLE OIL CLOTH.
Atha & Hughes, Newark, N. J.
A. F. Buchanan & Sons, Inc., 14 Thomas St., New York.
Thomas Potter & Sons Co., 522 Arch St., Philadelphia, Pa.
Trenton Oilcloth & Linoleum Co., Trenton, N. J.
Western Linoleum Co., Akron, O.

G. UPHOLSTERY OIL CLOTH.
Trenton Oilcloth & Linoleum Co., Trenton, N. J.
Western Linoleum Co., Akron, O.

63. RUGS.

A. ASBESTOS RUGS.
H. W. Johns Mfg. Co., 100 William St., New York.

B. AXMINSTER RUGS.
Read Carpet Co., Bridgeport, Conn.

C. BYZANTINE RUGS.
McCallum & McCallum, Wayne Junction, Philadelphia, Pa.

D. FURNITURE RUGS.
Schofield, Mason & Co., Philadelphia, Pa.

E. FUR RUGS.
J. H. Bishop Co., Wyandotte, Mich.
C. G. Gunther's Sons, 184 Fifth Av., New York.
La Grange Robe & Tanning Co., La Grange, Ind.

F. INGRAIN SQUARES.
James & Geo. D. Bromley, Adams & Jasper Sts., Phila., Pa.
Bromley Bros., 1901 E. York St., Philadelphia, Pa.
John & Jas. Dobson, 28 N. Front St., Philadelphia, Pa.
Hartford Carpet Co., Thompsonville, Conn.
Henry Holmes & Sons, Auburn St. & Trenton Av., Phila., Pa.
Ivins, Dietz & Magee, 1217 Market St., Philadelphia, Pa.
Thomas L. Leedom & Co., Bristol, Pa.
McCallum & McCallum, 1012 Chestnut St., Philadelphia, Pa.

G. JUTE RUGS.
Lamond & Robertson Co., Paterson, N. J.
Schofield, Mason & Co., Cumberland & N. Fairhill, Phila., Pa.

H. MOQUETTE RUGS.
Bigelow Carpet Co., Clinton, Mass.
Hartford Carpet Co., Thompsonville, Conn.
Read Carpet Co., Bridgeport, Conn.
Alex. Smith & Sons Carpet Co., Yonkers, N. Y.

I. SHEEPSKIN RUGS.
J. H. Bishop Co., Wyandotte, Mich.
Lyon Bros. & Co., Baltimore, Md.

J. SMYRNA RUGS.
Beattie Mfg. Co., Little Falls, N. J.
Bromley Bros. Carpet Co., York St., Philadelphia, Pa.
John Bromley & Sons, N. Front St., Philadelphia, Pa.
Crawshaw Carpet Co., Newburg, N. Y.
Geo. I. Cullmer, Jr., 950 Gates Av., Brooklyn, N. Y.
Fries-Breslin Co., Camden, N. J.
Hartford Carpet Co., Thompsonville, Conn.

Lamond & Robertson Co., Paterson, N. J.
Thomas L. Leedom & Co., Bristol, Pa.
John O'Neil, Newfield, N. J.
Wm. T. Smith & Son, N. 3d St. & Lehigh Av., Phila., Pa.
Samuel White, Columbia Av. & Front St., Philadelphia, Pa.

K. STEAMER RUGS. F. C. Huyck & Sons, Albany, N. Y.
Melrose Woolen Co., Auburn, N. Y.

L. TAPESTRY RUGS. Schofield, Mason & Co., Cumberland & N. Fairhill, Phila., Pa.
Alex. Smith & Sons Carpet Co., Yonkers, N. Y.

M. VENETIAN RUGS. Bromley Bros. & Co., 1901 E. York St., Philadelphia, Pa.

N. WILTON RUGS. Lowell Mfg. Co., Lowell, Mass.
Schofield, Mason & Co., Cumberland & N. Fairhill, Phila, Pa.

64. STAIR PADS. M. H. Marcus & Bro., Baltimore, Md.
Massasoit Mfg. Co., 56 Leonard St., New York.
Sperry & Beale, 39 Union Sq., W., New York.
Union Carpet Lining Co., 179 Devonshire St., Boston, Mass.

65. STAIR TREADS. Boston Belting Co., 256 Devonshire St., Boston, Mass.
Chandler & Gay, Norwood, Mass.
Goodyear's I. R. G. Mfg. Co., 503 Broadway, New York.
Home Rubber Co., Trenton, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Rubber Step Mfg. Co., Exeter, N. H.
Taunton Oilcloth Co., Taunton, Mass.
Trenton Rubber Co., Trenton, N. J.

A. FLOOR TREADS. Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.

VI. CHEMICALS, DRUGS AND DYES.

66. ACETANILID. Mallinckrodt Chemical Works, St. Louis, Mo.
Wm. J. Matheson & Co., Ltd., 182 Front St., New York.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.

67. ACETATES. Wm. H. Swift & Co., 45 Pearl St., Boston, Mass.

68. ACETONE. Billings, Clapp & Co., 144 High St., Boston, Mass.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Roessler & Hosslacher Chemical Co., 100 William St., N. Y.

69. ACIDS.

A. ACETIC ACID. Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Bradford Chemical Co., Bradford, Pa.
Butterworth & Judson, Newark, N. J.
Eastwood Chemical Co., Belleville, N. J.
General Chemical Co., 32 Liberty St., New York.
W. J. M. Gordon Wood Alcohol & Chemical Works, Cinn., O.
Larkin & Scheffer, St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
N. Y. Quinine & Chemical Works, Ltd., 114 William St., N. Y.
Peuchen & Co., North Tonawanda, N. Y.
Philip Nusbaum & Co., Bradford, Pa.
A. B. Smith Chemical Co., Bradford, Pa.
E. R. Squibb & Sons, 36 Doughty St., Brooklyn, N. Y.

B. ACID FOR RIDDING CASTINGS OF SAND. John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

C. AQUA FORTIS. Graselli Chemical Co., 63 Wall St., New York.
James Irwin & Co., 343 6th Av., Pittsburg, Pa.
Moro Phillips Chemical Co., 131 S. 3d St., Philadelphia, Pa.

D. ARSENIOUS ACID. Baker & Adamson Chemical Co., Easton, Pa.
Bissell Chemical Co., McKeesport, Pa.
Mallinckrodt Chemical Works, St. Louis, Mo.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

E. BATTERY ACID. James Irwin & Co., 343 6th Av., Pittsburg, Pa.
Bissell Chemical Co., McKeesport, Pa.

F. BENZOIC ACID. Mallinckrodt Chemical Works. St. Louis, Mo.

G. BORACIC ACID. Baker & Adamson Chemical Co., Easton, Pa.
Bissell Chemical Co., McKeesport, Pa.
Johnson & Johnson, 100 William St., New York.

	Mallinckrodt Chemical Works, St. Louis, Mo.
	Pacific Coast Borax Co., San Francisco, Cal.
	Chas. Pfizer & Co., 81 Maiden Lane, New York.
H. BROMIC ACID.	Bissell Chemical Co., McKeesport, Pa.
I. BUTYRIC ACID.	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Riddle Chemical Co., Uwchland, Pa.
J. CARBOLIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Barrett Mfg. Co., 290 Broadway, New York.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chemical Co., McKeesport, Pa.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	McKesson & Robbins, 91 Fulton St., New York.
K. CARBOLIC ACID, CRYSTAL.	Barrett Mfg. Co., 290 Broadway, New York.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Larkin & Scheffer, St. Louis, Mo.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	McKesson & Robbins, 91 Fulton St., New York.
L. CARBONIC ACID, LIQUID.	Bissell Chemical Co., McKeesport, Pa.
	Charles Cooper & Co., 194 Worth St., New York.
	Hecla Compressed Gas Co., Chelsea, Mass.
	Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
M. CHROMIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chemical Co., McKeesport, Pa.
	Charles Cooper & Co., 194 Worth St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
N. CITRIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	W. H. Hutchinson & Son, Inc., Desplaines St., Chicago, Ill.
	Chas. Pfizer & Co., 81 Maiden Lane, New York.
	Powers & Weightman, Philadelphia, Pa.
O. FLUORIC ACID.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
P. GALLIC ACID.	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Mallinckrodt Chemical Works, St. Louis, Mo.
Q. GLASS POLISHING ACID.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
R. HYDROBROMIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Charles Cooper & Co., 194 Worth St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
S. HYDROCHLORIC ACID.	Bissell Chemical Co., McKeesport, Pa.
T. HYDROCYANIC ACID.	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Charles Cooper & Co., 194 Worth St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.
U. HYDROFLUORIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	Butterworth & Judson, Newark, N. J.
	Charles Cooper & Co., 194 Worth St., New York.
	L. Feuchtwanger & Co., 191 Fulton St., New York.
	James Irwin & Co., 343 6th Av., Pittsburg, Pa.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
	York Chemical Co., York, Pa.
V. HYDROFLUORIC ACID, WHITE.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
W. HYDROFLUORSILICIC ACID.	Bissell Chemical Co., McKeesport, Pa.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
X. LACTIC ACID.	Mallinckrodt Chemical Works, St. Louis, Mo.
	Riddle Chemical Co., Uwchland, Pa.
Y. MINERAL ACID.	William H. Swift & Co., 45 Pearl St., Boston, Mass.
Z. MOLYBDIC ACID.	Bissell Chemical Co., McKeesport, Pa.
AA. MURIATIC & NITRIC ACIDS.	Baker & Adamson Chemical Co., Easton, Pa.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chemical Co., McKeesport, Pa.
	Butterworth & Judson, Newark, N. J.
	Wm. H. Chappell & Co., St. Louis, Mo.
	Commercial Guano Co., Savannah, Ga.
	Charles Cooper & Co., 194 Worth St., New York.
	General Chemical Co., 32 Liberty St., New York.
	Grasselli Chemical Co., 63 Wall St., New York.

	James Irwin & Co., 343 6th Av., Pittsburg, Pa.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	National Acid Co., New Orleans, La.
	Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Moro Phillips Chemical Co., 131 S. 3d St., Philadelphia, Pa.
	Riddle Chemical Co., Uwchland, Pa.
	Western Chemical Co., Denver, Col.
BB. OLEIC ACID.	Billings, Clapp & Co., Boston, Mass.
	McKesson & Robbins, 91 Fulton St., New York.
CC. OXALIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chemical Co., McKeesport, Pa.
DD. PHOSPHORIC ANHYD. ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chemical Co., McKeesport, Pa.
	Charles Cooper & Co., 194 Worth St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Riddle Chemical Co., Uwchland, Pa.
EE. PICRIC ACID.	Billings, Clapp & Co., 144 High St., Boston, Mass.
	W. H. Swift & Co., Boston, Mass.
FF. PYROGALLIC ACID.	C. F. Boehringer & Soehne, 7 Cedar St., New York.
GG. PYROLIGNEOUS ACID.	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Eastwood Chemical Co., Belleville, N. J.
	Summerville Fernoline Works, Summerville, S. C.
	E. F. Walcott & Co., Marlboro, Mass.
HH. SALICYLIC ACID.	Bissell Chemical Co., McKeesport, Pa.
	C. F. Boehringer & Soehne, 7 Cedar St., New York.
	Johnson & Johnson, Inc., 100 William St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	W. Zinsser & Co., 197 William St., New York.
II. STEARIC ACID.	Emery Candle Co., Cincinnati, O.
	Harkness & Cowing Co., 513 Eggleston Av., Cincinnati, O.
	Proctor & Gamble Co., 3d & Walnut Sts., Cincinnati, O.
	Will & Baumer Co., Syracuse, N. Y.
JJ. SULPHURIC ACID.	Ammonia Co., Gray's Ferry Av. & S. 29th St., Phila., Pa.
	Atwood Lead Co., Portland, Me.
	Baker & Adamson Chemical Co., Easton, Pa.
	Baldwin Fertilizer Co., Savannah, Ga.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chemical Co., McKeesport, Pa.
	Bradley Fertilizer Co., 92 State St., Boston, Mass.
	Butterworth & Judson, Newark, N. J.
	William H. Chappell & Co., St. Louis, Mo.
	Cleveland Dryer Co., Cleveland, O.
	Cochrane Chemical Co., 55 Kilby St., Boston, Mass.
	Columbia Guano Co., Norfolk, Va.
	Commercial Guano Co., Savannah, Ga.
	Coweta Fertilizer Co., Newnan, Ga.
	General Chemical Co., 32 Liberty St., New York.
	Grasselli Chemical Co., 63 Wall St., New York.
	James Irwin & Co., Pittsburg, Pa.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Matthiessen & Hegeler Zinc Co., La Salle, Ill.
	Michigan Carbon Works, Detroit, Mich.
	National Acid Co., New Orleans, La.
	Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
	Moro Phillips Chemical Co., 131 S. 3d St., Philadelphia, Pa.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	T. P. Shepard & Co., Providence, R. I.
	Standard Guano & Chem. Mfg. Co., New Orleans, La.
	Western Chemical Co., P. O. Box 1605, Denver, Col.
KK. SULPHUROUS ACID.	Bissell Chemical Co., McKeesport, Pa.
LL. TANNIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Chas. Pfizer & Co., 81 Maiden Lane, New York.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
MM. TARTARIC ACID.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	California Tartar Works, San Francisco, Cal.
	W. H. Hutchinson & Son, Inc., Desplaines St., Chicago, Ill.
	New York Tartar Co., 100 William St., New York.
	Chas. Pfizer & Co., 81 Maiden Lane, New York.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	W. H. Shieffelin & Co., 170 William St., New York.

	Tartar Chemical Co., 47 Cedar St., New York.
	Union Chemical Works, Inc., 15 Cedar St., New York.
NN. VALERIANIC ACID.	Mallinckrodt Chem. Works, St. Louis, Mo.
OO. WHITE ACID.	Bissell Chemical Co., McKeesport, Pa.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
70. ALCOHOL.	F. S. Ashbrook Distillery Co., Cynthiana, Ky.
	Atlas Distilling Co., Peoria, Ill.
	Bay View Distilling Co., San Francisco, Cal.
	J. H. Beam, Early Times, Ky.
	Clarke Distilling Co., Peoria, Ill.
	C. B. Cook Co., Cynthiana, Ky.
	Charles Cooper & Co., 194 Worth St., New York.
	A. Davis, Dezarn P. O., Ky.
	Paul A. Davis, Jr., 136 N. Water St., Philadelphia, Pa.
	Gold Leaf Distilling Co., Covington, Ky.
	C. H. Graves & Sons, 35 Hawkins St., Boston, Mass.
	Nicholas J. Griffin, 207 N. 2d St., Philadelphia, Pa.
	A. Kellar Co., Cynthiana, Ky.
	Larkin & Scheffer, St. Louis, Mo.
	Licking Valley Co., Covington, Ky.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	D. T. Mills & Co., 40 India St., Boston, Mass.
	A. R. Mullins, Covington, Ky.
	Rosenfield Bros. & Co., 271 Madison St., Chicago, Ill.
	L. A. Salomon & Bro., 216 Pearl St., New York.
	Sou. Re-Distilling & Rectifying Co., Ltd., New Orlenas, La.
	Standard Distilling & Distributing Co., Peoria, Ill.
	Vina Distillery, Vina, Cal.
	Woodford Distilling Co., 79 Dearborn St., Chicago, Ill.
	S. & A. Woolner, Peoria, Ill.
A. ABSOLUTE ALCOHOL.	Bissell Chem. Co., McKeesport, Pa.
B. METHYL ALCOHOL.	Manhattan Spirit Co., Buffalo, N. Y.
C. WOOD ALCOHOL.	F. J. Bayless & Co., Binghamton, N. Y.
	Berry Bros., Ltd., Detroit, Mich.
	Charles Cooper & Co., 194 Worth St., New York.
	Paul A. Davis, Jr., 136 N. Water St., Philadelphia, Pa.
	Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.
	Manhattan Spirit Co., Buffalo, N. Y.
	Otto Chemical Co., Williamsport, Pa.
	Peuchen & Co., North Tonawanda, N. Y.
	L. A. Salomon & Bros., 216 Pearl St., New York.
	E. F. Wolcott & Co., Marlboro, Mass.
71. ALKALOIDS.	Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
	Park, Davis & Co., Detroit, Mich.
72. ALOIN.	Larkin & Scheffer, St. Louis, Mo.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	N. Y. Quinine & Chem. Works, Ltd., 114 William St., N. Y.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
73. ALUM.	Baker & Adamson Chemical Co., Easton, Pa.
	General Chemical Co., 32 Liberty St., New York.
	Harrison Bros. & Co., Inc., Gray's Ferry Av., Phila., Pa.
	Pennsylvania Salt Mfg. Co., 115 Chestnut St., Philadelphia, Pa.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	E. Parker Read, 217 Race St., Philadelphia, Pa.
74. ALUMINA FLUORIDE.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
	D. D. Williamson & Co., 14 Dey St., New York.
75. ALUMINA SULPHATE.	General Chemical Co., 32 Liberty St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
	Western Chem. Co., P. O. Box 1605, Denver, Col.
76. AMALGAMS.	Johnson & Lund, 620 Race St., Philadelphia, Pa.
77. AMMONIA.	
A. AMMONIACAL LIQUORS.	Michigan Ammonia Works, Detroit, Mich.
B. AMMONIA FOR DOMESTIC USE.	Columbia Chemical Works, 43 Sedgwick St., Brooklyn, N. Y.
	Geo. Kern, 117 Debevoise St., Brooklyn, N. Y.
C. AMMONIA IN SOLUTION.	Hecla Compressed Gas Co., Chelsea, Mass.
D. AMMONIA PRODUCTS.	Ammonia Co., Philadelphia, Pa.
E. AMMONIA SALTS.	Atlantic Dynamite Co., Wilmington, Del.
	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chem. Co., McKeesport, Pa.
	Columbia Chem. Works, 43 Sedgwick St., Brooklyn, N. Y.
	General Chemical Co., 32 Liberty St., New York.
	Listers Agr. Chem. Works, Newark, N. J.
	Mallinckrodt Chem. Works, St. Louis, Mo.
	McKesson & Robbins, 91 Fulton St., New York.
	Michigan Ammonia Works, Detroit, Mich.

Michigan Carbon Works, Detroit, Mich.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
H. F. Watson Co., Erie, Pa.
John C. Wiarda & Co., 259 Greene St., Brooklyn, N. Y.

F. ANHYDROUS AMMONIA.
Armour Glue Works, 205 La Salle St., Chicago, Ill.
Hecla Compressed Gas Co., Chelsea, Mass.
James Irwin & Co., 343 6th Av., Pittsburg, Pa.
Michigan Ammonia Works, Detroit, Mich.
National Ammonia Co., 90 William St., New York.
H. F. Watson Co., Erie, Pa.

G. AQUA AMMONIA.
Arctic Machine Mfg. Co., Cleveland, O.
Baker & Adamson Chem. Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chem. Co., McKeesport, Pa.
B. P. Clapp Ammonia Co., 245 Broadway, New York.
Columbia Chem. Works, 43 Sedgwick St., Brooklyn, N. Y.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Chas. Cooper & Co., 194 Worth St., New York.
General Chemical Co., 32 Liberty St., New York.
Grasselli Chem. Co., 63 Wall St., New York.
James Irwin & Co., 343 6th Av., Pittsburg, Pa.
Enos F. Jones Chem. Works, 352 Washington St., New York.
Larkin & Scheffer, St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
Michigan Ammonia Works, Detroit, Mich.
National Ammonia Co., 90 William St., New York.
N. Western Fertilizing Co., Union Stock Yards, Chicago, Ill.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.
W. H. Schieffelin & Co., 170 William St., New York.
Solvay Process Co., Syracuse, N. Y.
H. F. Watson Co., Erie, Pa.
Western Chemical Co., P. O. Box 1605, Denver, Col.
York Chemical Co., York, Pa.

H. CONDENSED AMMONIA.
Fred W. Wolf Co., 139 Rees St., Chicago, Ill.

I. PERFUMED AMMONIA.
Columbia Chem. Works, 43 Sedgwick Av., Brooklyn, N. Y.

78. AMMONIUM SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Chas. Cooper & Co., 194 Worth St., New York.
Grasselli Chemical Co., Cleveland, O.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
S. Twitchell, 223 Vine St., Philadelphia, Pa.

79. ANILINE COLORS & DYES.
Beach & Co., Hartford, Conn.
Theo. H. Easton & Son, Detroit, Mich.
Heller & Merz Co., 55 Maiden Lane, New York.
Hudson River Aniline Colors Works, Albany, N. Y.
Kalle & Co., 77 John St., New York.
A. Klipstein & Co., Inc., 122 Pearl St., New York.
Wm. J. Matheson & Co., 182 Front St., New York.
Theodore Metcalf Co., 39 Tremont St., Boston, Mass.
Pickhardt & Kuttroff, 128 Duane St., New York.
Schoellkopf Aniline & Chemical Co., Buffalo, N. Y.
Wells & Richardson Co., Burlington, Vt.

80. ANODYNE, HOFFMAN'S.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Mallinckrodt Chemical Works, St. Louis, Mo.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., N. Y.
Sharp & Dohme, Baltimore, Md.

81. ANTIMONY DIAPHORETIC.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

82. ANTIMONY SALTS.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Chas. Cooper & Co., 194 Worth St., New York.
Abram De Ronde & Co., 254 Front St., New York.
General Chemical Co., 32 Liberty St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Edward R. Taylor, Cleveland, O.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

83. ANTISEPTICS.
Preservaline Mfg. Co., 12 Cedar St., New York.

84. ANTITOXIN.
Parke, Davis & Co., Detroit, Mich.

85. APIOL.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.

86. ARGOLS, GROUND.	Beach & Co., Hartford, Conn.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
87. ARSENIC, PURIFIED.	Herf & Frerichs Chemical Co., St. Louis, Mo.
	Mallinckrodt Chemical Works, St. Louis, Mo.
88. ASPHALTUM SENSITIZED.	
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
89. ASSAY CHEMICALS.	Bissell Chemical Co., McKeesport, Pa.
90. BARIUM SALTS.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	Dingee, Weinman & Co., Lynchburg, Va.
	L. Feuchtwanger & Co., 191 Fulton St., New York.
	Hecla Compressed Gas Co., Chelsea, Mass.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
91. BARYTA SALTS.	Charles Cooper & Co., 194 Worth St., New York.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
92. BARYTES.	Dingee, Weinman & Co., Lynchburg, Va.
	G. S. Mephane & Klein, Levee & Sidney Sts., St. Louis. Mo.
A. WOOD FILLER BARYTES.	Dingee, Weinman & Co., Lynchburg, Va.
93. BEEF PRODUCTS.	Parke, Davis & Co., Detroit, Mich.
94. BENZOLE.	Solvay Process Co., Syracuse, N. Y.
95. BIOLOGICAL PRODUCTS.	
	Parke, Davis & Co., Detroit, Mich.
96. BISMUTH SALTS.	Baker & Adamson Chemical Co., Easton, Pa.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
97. BLUE MASS.	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Hance Bros. & White, Callowhill Hill & Marshall, Phila., Pa.
	Herf & Frerichs Chemical Co., St. Louis, Mo.
	Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	McKesson & Robbins, 91 Fulton St., New York.
	N. Y. Quinine & Chemical Works, Ltd., 114 William St., N. Y.
	Chas. Pfizer & Co., 81 Maiden Lane, New York.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	W. H. Schieffelin & Co., 170 William St., New York.
98. BLUE VITRIOL.	Western Chemical Co., P. O. Box 1605, Denver, Col.
99. BORAX.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	L. Feuchtwanger & Co., 191 Fulton St., New York.
	E. F. Jones Chemical Works, 352 Washington St., New York.
	Pacific Coast Borax Co., 185 Water St., New York.
	Chas. Pfizer & Co., 81 Maiden Lane, New York.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
A. CALCINED BORAX.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
B. GLASS BORAX.	Denver Fire Clay Co., 1741 Champa St., Denver, Col.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
100. BROMIDES, LIQUID FORM.	
	Midland Chemical Co., Cleveland, O.
101. BROMINE.	Bissell Chemical Co., McKeesport, Pa.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Midland Chemical Co., Cleveland, O.
102. BROMOFORM.	Herf & Frerichs Chemical Co., St. Louis, Mo.
	Mallinckrodt Chemical Works, St. Louis, Mo.
103. CADMIUM SALTS.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	Chas. Cooper & Co., 194 Worth St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
A. CADMIUM SULPHIDE.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
104. CAFFEINE.	C. F. Boehringer & Soehne, 7 Cedar St., New York.
	Keasby & Matteson, Ambler, Pa.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	N. Y. Quinine & Chemical Works, Ltd., 114 William St., N. Y.
	Roessler & Hasslacher Chemical Co., 100 William St., N. Y.
105. CALCIUM SALTS.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	Chas. Cooper & Co., 194 Worth St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.
	Solvay Process Co., Syracuse, N. Y.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
106. CALOMEL.	Mallinckrodt Chemical Works, St. Louis, Mo.
	Chas. Pfizer, & Co., 81 Maiden Lane, New York.

	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
107. CAMPHOR, REFINED.	H. J. Baker & Bros., 97 William St., New York.
	Johnson & Johnson, Inc., 92 William St., New York.
	E. F. Jones Chemical Works, 352 Washington St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Chas. Pfizer, & Co., 81 Maiden Lane, New York.
	Chas. H. Phillips Chemical Co., Glenbrook, Conn.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater, Philadelphia, Pa.
	W. H. Schieffelin & Co., 170 William St., New York.
108. CAPSULES, GELATINE.	Hall Capsule Co., Cincinnati, O.
	F. A. Hubel, Detroit, Mich.
	Parke, Davis & Co., Detroit, Mich.
	H. Planten & Son, 224 William St.. New York.
	W. H. Schieffelin & Co., 170 William St., New York.
	Sharp & Dohme, Baltimore, Md.
A. FILLED CAPSULES.	Hall Capsule Co., Cincinnati, O.
	Eli Lilly & Co., Indianapolis, Ind.
	Parke, Davis & Co., Detroit, Mich.
109. CARBON BISULPHIDE.	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Bissell Chemical Co., McKeesport, Pa.
	Chas. Cooper & Co., 194 Worth St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Edward R. Taylor, Cleveland, O.
110. CAUSTIC PENCILS.	S. H. Wetmore Co., 240 Pearl St., New York.
111. CERESINE.	Baker & Adamson Chemical Co., Easton, Pa.
112. CHINOIDINE.	McKesson & Robbins, 91 Fulton St., New York.
113. CHLORAL.	C. F. Boehringer & Soehne, 7 Cedar St., New York.
114. CHLOROFORM.	Bissell Chemical Co., McKeesport, Pa.
	Larkin & Scheffer, St. Louis, Mo.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	W. H. Schieffelin & Co., 170 William St., New York.
	Roessler & Hasslacher Chemical Co., 100 William St., N. Y.
115. CHROME OXIDE.	Chas. Cooper & Co., 194 Worth St., New York.
	L. Feuchtwanger & Co., 191 Fulton St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
116. CHROME SALTS.	Baker & Adamson Chemical Co., Easton, Pa.
	A. Klipstein & Co., 122 Pearl St., New York.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
117. CINCHONA, ALKALOIDS & SALTS.	
	N. Y. Quinine & Chemical Works, Ltd., 114 William St., N. Y.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.
	W. H. Schieffelin & Co., 170 William St., New York.
118. COBALT OXIDE.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
119. COBALT SALTS.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
120. COCAINE.	C. F. Boehringer & Soehne, 7 Cedar St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	N. Y. Quinine Chemical Works, Ltd., 114 William St., N. Y.
	Parke, Davis & Co., Detroit, Mich.
	W. H. Schieffelin & Co., 170 William St., New York.
121. COCOA BUTTER.	J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
	Geo. Miller & Son Co., 257 S. 3d St., Philadelphia, Pa.
	H. O. Wilbur & Sons, 235 N. 3d St., Philadelphia, Pa.
122. CODEINE.	C. F. Boehringer & Soehne, 7 Cedar St., New York.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.
123. COLCOTHAR.	John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
124. COLLODION.	Billings, Clapp & Co., 144 High St., Boston, Mass.
	Chas. Cooper & Co., 194 Worth St., New York.
	Larkin & Scheffer, St. Louis, Mo.
	Mallinckrodt Chemical Works, St. Louis, Mo.
	McKesson & Robbins, 91 Fulton St., New York.
	N. Y. Quinine & Chemical Works, Ltd., 144 William St., N. Y.
	Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
	Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
	W. H. Schieffelin & Co., 170 William St., New York.
125. COLOCYNTH.	Drueding Bros., 431 Master St., Philadelphia, Pa.
126. COLOGNE SPIRITS.	American Distilling Co., 127 Duane St., New York.
	Cook & Bernheimer Co., 146 Franklin St., New York.

C. H. Graves & Sons, 35 Hawkins St., Boston, Mass.
Jas. A. Webb & Son, 165 Pearl St., New York.

127. COMPOUND CITRATES.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Chas. Cooper & Co., 194 Worth St., New York.

128. COPPERAS.
N. Y. Quinine & Chemical Works, Ltd., 114 William St., N. Y.
Atlantic Dynamite Co., Wilmington, Del.
Ferris Chemical & Color Co., Worcester, Mass.
G. S. Mepham & Klein, Levee & Sidney Sts., St. Louis, Mo.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Western Chemical Co., P. O. Box 1605, Denver, Col.

129. COPPER OXIDES.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

130. COPPER SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Butterworth & Judson, Newark, N. J.
Con. Kan. City, Smelt. & Refining Co., Argentine, Kan.
Chas. Cooper & Co., 194 Worth St., New York.
Abram De Ronde & Co., 254 Front St., New York.
L. Feuchtwanger & Co., 191 Fulton St., New York.
General Chemical Co., 32 Liberty St., New York.
Grasselli Chemical Co., 63 Wall St., New York.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.
Selby Smelt. & Lead Co., 416 Montgomery St., San Fran., Cal.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

131. CREAM TARTAR.
California Tartar Works, San Francisco, Cal.
Enos F. Jones Chem. Works, 352 Washington St., New York.
New York Tartar Co., 100 William St., New York.
Stickney & Poor Spice Co., 205 State St., Boston, Mass.
Tartar Chemical Co., 47 Cedar St., New York.
Thompson & Taylor Spice Co., 30 S. Water St., Chicago, Ill.
S. H. Tyler & Son, San Francisco, Cal.
Union Chemical Works, Inc., 15 Cedar St., New York.
Wood & Selick, Inc., 36 Hudson St., New York.

132. CREOSOTE.
Barrett Mfg. Co., 290 Broadway, New York.
Mallinckrodt Chemical Works, St. Louis, Mo.

133. CROCUS MARTIS.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

134. CUBEB CIGARETTES.
S. H. Wetmore Co., 240 Pearl St., New York.

135. CURCUMA.
N. Y. & Boston Dyewood Co., 55 Beekman St., New York.

136. CUTCH, REFINED.
Sharpless Dye-Wood Extract Co., Philadelphia, Pa.

137. DIASTASE.
Parke, Davis & Co., Detroit, Mich.

138. DIGESTIVE FERMENTS.
Fairchild Bros. & Foster, Rose & Duane Sts., New York.
Parke, Davis & Co., Detroit, Mich.

139. DI-OXIDE, SULPHUROUS, ANHYDROUS.
Newburgh Ice Machine & Engine Co., Newburgh, N. Y.

140. DISINFECTANTS.
F. S. Burch & Co., 178 Michigan St., Chicago, Ill.
W. H. H. Childs, 73 Maiden Lane, New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Egyptian Chemical Co., 15 Foster's Wharf, Boston, Mass.
Embalmers Supply Co., Westport, Conn.
Midland Chemical Co., Cleveland, O.
Parke, Davis & Co., Detroit, Mich.
Henry B. Platt, 36 Platt St., New York.
Summerville Fernoline Works, Summerville, S. C.
Zenner-Raymond Disinfectant Co., Detroit, Mich.

141. DYES & DYESTUFFS.
Baker & Adamson Chemical Co., Easton, Pa.
Beach & Co., Hartford, Conn.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Browning & Bros., 42 N. Front St., Philadelphia, Pa.
Cochrane Chemical Co., 55 Kilby St., Boston, Mass.
Gottlieb Chemical Co., 43 1st St., New York.
Handy Package Dye Co., Massena, N. Y.
Heller & Merz Co., 55 Maiden Lane, New York.
Innis & Co., Poughkeepsie, N. Y.
William G. Johnson Co., Uncasville, Conn.
John J. Keller & Co., 39 Beaver St., New York.
N. Y. & Boston Dyewood Co., 55 Beekman St., New York.
Sharpless Dye & Wood Extract Co., Bourse, Phila., Pa.
Stamford Mfg. Co., 157 Maiden Lane, New York.
Talbot Dyewood & Chemical Co., Lowell, Mass.
Wells & Richardson Co., Burlington, Vt.

142. EIKONOGEN. Mallinckrodt Chemical Co., St. Louis, Mo.

143. ELECTRO-CHEMICALS. Hanson & Van Winkle Co., Newark, N. J.
Zucker & Levett & Loeb Co., 526 W. 25th St., New York.

144. ELIXIRS. Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
Caswell, Massey & Co., 1121 Broadway, New York.
Fairchild Bros. & Foster, Rose & Duane Sts., New York.
R. W. Gardner, 156 William St., New York.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
B. Keith & Co., 45 Cliff St., New York.
Eli Lilly & Co., Indianapolis, Ind.
McKesson & Robbins, 91 Fulton St., New York.
J. Moore, Albany, N. Y.
H. K. Mulford Co., 412 S. 13th St., Philadelphia, Pa.
Parke, Davis & Co., Detroit, Mich.
Resinol Chemical Co., 316 W. Lombard St., Baltimore, Md.
Wm. B. Riker & Son Co., 373 6th Av., New York.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Frederick Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.
Upjohn Pill & Granule Co., Kalamazoo, Mich.

145. EMULSION. Caswell, Massey & Co., 1121 Broadway, New York.
Geo. C. Frye, Portland, Me.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
Chas. H. Phillips Chemical Co., Glenbrook, Conn.
Wm. B. Riker & Son Co., 373 6th Av., New York.
Scott & Bowne, 415 Pearl St., New York.
Sharp & Dohme, Baltimore, Md.

146. ENAMELLER'S CHEMICALS.
Roessler & Hasslacher Chem. Co., 100 William St., New York.

147. ERGOTINE. C. F. Boehringer & Soehne, 7 Cedar St., New York.
McKesson & Robbins, 91 Fulton St., New York.
Sharp & Dohme, Baltimore, Md.

148. ETHER. Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Chaskel Chemical Works, 177 Pearl St., New York.
Charles Cooper & Co., 194 Worth St., New York.
Larkin & Scheffer, St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., N. Y.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
W. H. Schieffelin & Co., 170 William St., New York.
S. Twitchell & Bros., 223 Vine St., Philadelphia, Pa.

A. ACETIC ETHER. Riddle Chemical Co., Uwchland, Pa.

B. BUTYRIC ETHER. Riddle Chemical Co., Uwchland, Pa.

149. ETHYL SALTS. Chas. Cooper & Co., 194 Worth St., New York.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Riddle Chemical Co., Uwchland, Pa.

150. EXALGINE. McKesson & Robbins, 91 Fulton St., New York.

151. EXPECTORANTS. Dr. D. Jayne & Son, 242 Chestnut St., Philadelphia, Pa.
Wm. B. Riker & Son Co., 373 6th Av., New York.

152. EXTRACTS, MEDICINAL.

A. BARK EXTRACTS. American Extract Co,. Port Allegheny, Pa.
American Oak Extract Co., New Decatur, Ala.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
John H. Heald & Co., Lynchburg, Va.
Sterling White Lead Co., 1223 Carnegie Bldg., Pittsburg, Pa.

B. BAY RUM. Caswell, Massey & Co., 1122 Broadway, New York.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Arthur Fricke, 218 Arch St., Philadelphia, Pa.
Enos F. Jones Chem. Co., 352 Washington St., New York.
Penn Chemical Works, 514 S. 3d St., Philadelphia, Pa.
Wm. H. Rudkin, 74 William St., New York.
Tyler & Finch, 54 Cedar St., New York.

C. BEEF EXTRACTS. Cudahy Packing Co., South Omaha, Neb.
G. H. Hammond Co., Hammond, Ind.
St. Louis Pretzel Co., St. Louis, Mo.
Valentine Meat Juice Co., Richmond, Va.

D. FLUID EXTRACTS. Baker Extract Co., Portland, Me.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Bastine & Co., 41 Warren St., New York.

N. K. Brown, Burlington, Vt.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
Caswell, Massey & Co., 1121 Broadway, New York.
J. K. Cook & Co., 12 Cortlandt St., New York.
Crandall & Godley, 157 Franklin St., New York.
E. E. Dickinson & Co., Essex, Conn.
Hamell & Cortright, 25 S. Front St., Philadelphia, Pa.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Hughes Bros. Mfg. Co., Dallas, Tex.
Eli Lilly & Co., Indianapolis, Ind.
Lonman & Kemp, 68 William St., New York.
McKesson & Robbins, 91 Fulton St., New York.
J. Moore, Albany, N. Y.
H. K. Mulford Co., 412 S. 15th St., Philadelphia, Pa.
Parke, Davis & Co., Detroit, Mich.
Pond's Extract Co., 76 5th Av., New York.
E. Parker Read, 217 Race St., Philadelphia, Pa.
Wm. B. Riker & Son Co., 373 6th Av., New York.
Rio Chemical Co., St. Louis, Mo.
Chas. F. Risley & Co., 108 Greenwich St., New York.
W. H. Schieffelin & Co., 170 William St., New York.
Scott Bros., Lyons, N. Y.
Sharp & Dohme, Baltimore, Md.
Robert Shoemaker & Co., 4th & Race Sts., Philadelphia, Pa.
Frederick Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.
Trommer Extract & Malt Co., Tremont, O.
Upjohn Pill & Granule Co., Kalamazoo, Mich.
Jerome I. Vogeler, Baltimore, Md.
Wm. T. Wallace, 123 N. 7th St., Philadelphia, Pa.
Wheeler Chemical Works, 145 Lake St., Chicago, Ill.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
J. Wyeth & Bro., 1416 Walnut St., Philadelphia, Pa.

E. MALT EXTRACTS.
Horlick's Food Co., Racine, Wis.
Parke, Davis & Co., Detroit, Mich.

F. POWDERED EXTRACTS.
Eli Lilly & Co., Indianapolis, Ind.

G. SACCHARATED EXTRACTS.
Wheeler Chemical Works, 145 Lake St., Chicago, Ill.

H. SOLID EXTRACTS.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Eli Lilly & Co., Indianapolis, Ind.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Frederick Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.
Upjohn Pill & Granule Co., Kalamazoo, Mich.
Jerome I. Vogeler, Baltimore, Md.

I. TINCTURES.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Fairchild Bros. & Foster, Rose & Duane Sts., New York.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
B. Keith & Co., 75 William St., New York.
Eli Lilly & Co., Indianapolis, Ind.
McKesson & Robbins, 91 Fulton St., New York.
J. Moore, Albany, N. Y.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Spurlock, Neal & Co., 108 N. Market St., Nashville, Tenn.
Jerome I. Vogeler, Baltimore, Md.

153. FERTILIZER CHEMICALS.
Commercial Guano Co., Savannah, Ga.

154. FLUX, SOLDERING.
Grasselli Chemical Co., 63 Wall St., New York.
A. Schultz & Co., 1016 E. Baltimore St., Baltimore, Md.

155. FUSTIC, GROUND.
N. Y. Dye Wood Ex. & Chem. Co., 55 Beekman, New York.

156. GINGER.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

157. GLYCERATES.
Caswell, Massey & Co., 1121 Broadway, New York.
Parke, Davis & Co., Detroit, Mich.

158. GLYCERINE.
American Soap Co., 75 Murray St., New York.
Butterworth & Judson, Newark, N. J.
S. F. Candle Co., 402 Front St., San Francisco, Cal.
Cudahy Packing Co., S. Omaha, Neb.
Emery Candle Co., Cincinnati, O.
Goodwin Mfg. Co., 3332 Chouteau Av., St. Louis, Mo.
Grasselli Chemical Co., 63 Wall St., New York.
Harkness & Cowing Co., Eggleston Av., Cincinnati, O.
E. L. Heuter, San Francisco, Cal.

J. S. Kirk & Co., 360 W. Water St., Chicago, Ill.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Marx & Rawolle, 163 William St., New York.
N. Y. Quinine & Chemical Works, Ltd., 114 William St, N. Y.
Proctor & Gamble, 3d & Walnut Sts., Cincinnati, O.
John Reardon & Sons, 24 Commerce St., Boston, Mass.
W. & H. Walker, Pittsburg, Pa.
M. Werk Co., 11 Main St., Cincinnati, O.
Will & Baumer Co., Syracuse, N. Y.

A. GLYCERINE FOR NITRO.
Fairfield Chemical Works, Inc., 71 Wall St., New York.
Grasselli Chemical Co., 63 Wall St., New York.
Marx & Rawolle, 163 William St., New York.
Proctor & Gamble, 3d & Walnut Sts., Cincinnati, O.

159. GLYCERITES.
Sharp & Dohme, Baltimore, Md.

160. GOLD CHLORIDE.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Charles Cooper & Co., 194 Worth St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
Phillips & Jacobs, 622 Race St., Philadelphia, Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.

161. GOLD OXIDE.
Charles Cooper & Co., 194 Worth St., New York.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Phila., Pa.

162. HOMŒOPATHIC GLOBULES & DISCS.
F. Bischoff, 3d St. & 3d Av., Brooklyn, N. Y.

163. HOMŒOPATHIC MEDICINES.
Boericke & Tafel, 145 Grand St., New York.
Humphreys Homoeopathic Med. Co., 113 William St., N. Y.

164. HYDROGEN PEROXIDE.
Bissell Chemical Co., McKeesport, Pa.

165. INCANDESCENT LIGHT MANTLE CHEMICALS.
Roessler & Hasslacher Chemical Co., 100 William St., N. Y.

166. INCENSE.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.

167. INFANT & INVALID FOOD.
H. W. Cleveland Co., Syracuse, N. Y.
Daliber-Goodale Co., 40 Central Wharf, Boston, Mass.
Fairchild Bros. & Foster, Rose & Duane Sts., New York.
Horlicks Food Co., Racine, Wis.
Reed & Carnrick, Inc., 447 Greenwich St., New York.
Sanitas Nut Food Co., Ltd., Battle Creek, Mich.
Henry Thayer & Co., Cambridgeport, Mass.
Wells & Richardson Co., Burlington, Vt.
Woodrich & Co., Palmer, Mass.

168. INHALANTS.
Parke, Davis & Co., Detroit, Mich.

169. IODINE.
Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Charles Cooper & Co., 194 Worth St., New York.
Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.

170. IODOFORM.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
N. Y. Quinine & Chemical Works, Ltd., 114 William St, N. Y.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th and Fitzwater Sts., Phila., Pa.

171. IRON LIQUOR.
Eastwood Chemical Co., Belleville, N. J.
General Chemical Co., 23 Liberty St., New York.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
Wm. H. Swift & Co., Boston, Mass.

172. IRON OXIDES.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

173. IRON SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Butterworth & Judson, Newark, N. J.
Charles Cooper & Co., 194 Worth St., New York.
Abram De Ronde & Co., 254 Front St., New York.
Ferris Chemical & Color Co., Worcester, Mass.
General Chemical Co., 32 Liberty St., New York.
Grasselli Chemical Co., 63 Wall St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
N. Y. Quinine & Chemical Works, Ltd., 114 William St., N. Y.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.

Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Edward R. Taylor, Cleveland, O.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

174. KRYOLITH PYRITES. Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.

175. LACTIC FERMENT. Chr. Hansen's Laboratory, Little Falls, N. Y.

176. LACTOPEPTONE. New York Pharmacal Association, 6 Harrison St., New York.

177. LEAD SALTS. Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Charles Cooper & Co., 194 Worth St., New York.
Abram De Ronde & Co., 254 Front St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
McKesson & Robbins, 91 Fulton St., New York.
Powers & Weightman, 56 Maiden Lane, New York.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

178. LEPTANDRIN. Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.

179. LICORICE. W. G. Dean & Son, 361 Washington St., New York.
MacAndrews & Forbes, 55 Water St., New York.
Mellor & Rittenhouse Co., 218 N. 22d St., Philadelphia, Pa.
E. Parker Read, 217 Race St., Philadelphia, Pa.
Stamford Mfg. Co., 157 Maiden Lane, New York.
J. S. Young & Co., Hanover, Pa.

A. GROUND LICORICE. S. V. & F. P. Scudder, 110 John St., Brooklyn, N. Y.

B. MASS LICORICE. S. V. & F. P. Scudder, 110 John St., Brooklyn, N. Y.

C. STICK LICORICE. W. G. Dean & Son, 361 Washington St., New York.
Young & Smylie, 54 S. 5th St., Brooklyn, N. Y.

180. LIME, HYDRATED. John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

181. LIME SALTS. Acme White Lead & Color Works, Detroit, Mich.
Baldwin Fertilizer Co., Savannah, Ga.
Bayless & Berkalew, Binghamton, N. Y.
Billings, Clapp & Co., 144 High St., Boston, Mass.
L. Feuchtwanger & Co., 191 Fulton St., New York.
General Chemical Co., 32 Liberty St., New York.
E. F. Jones Chemical Works, 352 Washington St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
Michigan Carbon Works, Detroit, Mich.
Otto Chemical Co., Williamsport, Pa.
Peuchen & Co., North Tonawanda, N. Y.
Chas. F. Risley & Co., 108 Greenwich St., New York.
E. F. Walcott & Co., Marlboro, Mass.
Western Chemical Co., P. O. Box 1605, Denver, Col.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
D. D. Williamson & Co., 14 Dey St., New York.

182. LINIMENTS. Boykin & Carmer Co., 11 N. Liberty St., Baltimore, Md.
Rice Petroleum & Soap Co., Titusville, Pa.
Tweed Liniment Co., Chelsea, Mass.

183. LIQUEFIED GASES. Hecla Compressed Gas Co., Chelsea, Mass.

184. LITHIUM SALTS. Billings, Clapp & Co., 144 High St., Boston, Mass.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Son, 17th & Fitzwater Sts., Philadelphia, Pa.

185. LITMUS. Baker & Adamson Chemical Co., Easton, Pa.

186. LOZENGES, MEDICATED.
Parke, Davis & Co., Detroit, Mich.

187. LUNAR CAUSTIC. Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.

188. LYSOL. Lehn & Fink, 128 William St., New York.

189. MAGNESITE, POWDERED.
Baker & Adamson Chemical Co., Easton, Pa.
Keasby & Mattison Co., Ambler, Pa.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
C. K. Williams & Co., Easton, Pa.

190. MAGNESIUM. Keasby & Mattison Co., Ambler, Pa.

191. MAGNESIUM OXIDE. Drueding Bros., 429 Moster St., Philadelphia, Pa.

192. MAGNESIUM SALTS. Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Charles Cooper & Co., 194 Worth St., New York.
Drueding Bros., 429 Moster St., Philadelphia, Pa.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Hecla Compressed Gas Co., Chelsea, Mass.
Thos. J. Husband, Jr., Philadelphia, Pa.
W. H. Hutchinson & Son, Inc., Chicago, Ill.
Keasby & Mattison Co., Ambler, Pa.

McKesson & Robbins, 91 Fulton St., New York.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.

193. MALT-HOP PHOSPHATE.
Genesee Fruit Co., 501 West St., New York.

194. MANGANESE OXIDE.
John C. Wiarda & Co., 259 Green st., Brooklyn, N. Y.

195. MANGANESE SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
L. Feuchtwanger & Co., 191 Fulton St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

196. MANNITE.
N. Y. Quinine & Chemical Works, Ltd., 114 William St., N. Y.

197. MENTHOL.
Mallinckrodt Chemical Works, St. Louis, Mo.
Parke, Davis & Co., Detroit, Mich.
W. H. Schieffelin & Co., 170 William St., New York.
S. H. Wetmore Co., 240 Pearl St., New York.
J. Wyeth & Bro., 1100 S. 11th St., Philadelphia, Pa.

198. MERCURY.
Baker & Adamson Chemical Co., Easton, Pa.

199. MERCURY SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Bissell Chemical Co., McKeesport, Pa.
L. Feuchtwanger & Co., 191 Fulton St., New York.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
Chas. Pfizer & Co., 81 Maiden Lane, New York.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.

200. METHYL.
L. A. Salomon & Bro., 216 Pearl St., New York.

201. MORPHINE.
Mallinckrodt Chemical Works, St. Louis, Mo.
McKesson & Robbins, 91 Fulton St., New York.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., N. Y.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 1700 Fitzgerald St., Philadelphia, Pa.

202. NICKEL OXIDE.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

203. NICKEL SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Charles Cooper & Co., 194 Worth St., New York.
L. Feuchtwanger & Co., 191 Fulton St., New York.
Hanson & Van Winkle Co., Newark, N. J.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

204. NICOTINE SOLUTIONS.
Skabcura Dip Co., 11 Exchange Av., Chicago, Ill.

205. NITROUS OXIDE, LIQUEFIED.
S. S. White Dental Mfg. Co., Chestnut St., Philadelphia, Pa.

206. OILS.

A. ALMOND OIL.
National Cement & Rubber Co., Toledo, O.

B. CASTOR OIL.
H. J. Baker & Bro., 97 William St., New York.
Centaur Co., 77 Murray St., New York.
Clark's Castor Oil Co., Decatur, Ill.
Cleveland Petroleum Co., Cleveland, O.
Freedom Oil Works, Freedom, Pa.
Lovell & Tracy Oil Co., Hartford, Conn.
National Lead Co., 100 William St., New York.
Reed & Hewlett, 20 Platt St., New York.
Scott & Bowne, 132 S. 5th Av., New York.
World Refining Co., Easton, Pa.

C. COD LIVER OIL.
Lanman & Kemp, 68 William St., New York.
Lehn & Fink, 128 William St., New York.
Marvin Bros. & Bartlett, Portsmouth, N. H.
Parke, Davis & Co., Detroit, Mich.
Reed & Carnrick, Inc., 447 Greenwich St., New York.
W. H. Schieffelin & Co., 170 William St., New York.
Stallman & Fulton, 10 Gold St., New York.
Alex. B. Wilbor, 854 Washington St., Boston, Mass.

D. COGNAC OIL.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
J. Roemheld & Co., 204 S. Halsted St., Chicago, Ill.
Wm. H. Rudkin, 74 William St., New York.

E. ESSENTIAL OILS.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
E. E. Dickinson & Co., Essex, Conn.
L. A. Eberhardt & Co., Green & Provost Sts., Brooklyn, N. Y.
Alex. Fries & Bros., 92 Reade St., New York.
Chas. E. Hires, 1 Fairmount Av., Philadelphia, Pa.
B. Keith & Co., 75 William St., New York.
Magnus & Laner, 4 Cedar St., New York.
Wm. J. Matheson & Co., 182 Front St., New York.
McKesson & Robbins, 91 Fulton St., New York.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.

Wm. H. Rudkin, 74 William St., New York.
A. A. Stilwell, 103 William St., New York.
Wood & Selick, 36 Hudson St., New York.

F. FRUIT OILS.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
A. D. Puffer & Sons, 38 Portland St., Boston, Mass.
Wm. H. Rudkin, 74 William St., New York.
A. A. Stilwell, 103 William St., New York.

G. FUSEL OIL.
Billings, Clapp & Co., Boston, Mass.
Charles Cooper & Co., 194 Worth St., New York.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.

H. HOOF OIL.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Gladding Oil Co., Newark, N. J.
Vacuum Oil Co., Rochester, N. Y.

207. OLEATES.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.

208. OLEO-RESINS.
B. Keith & Co., 75 William St., New York.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Henry Thayer & Co., Cambridgeport, Mass.

209. OPIUM, ALKALOIDS & SALTS.
McKesson & Robbins, 91 Fulton St., New York.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., New York.
Robert Shoemaker & Co., 4th & Race Sts., Philadelphia, Pa.

210. OX GALL.
Charles Cooper & Co., 194 Worth St., New York.
McKesson & Robbins, 91 Fulton St., New York.

211. PANCREATIN.
Fairchild Bros. & Foster, Inc., 2 Duane St., New York.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
Penn. Chemical Works, 514 S. 3d St., Philadelphia, Pa.

212. PEPSIN.
Armour & Co., 205 La Salle St., Chicago, Ill.
Fairchild Bros. & Foster, Inc., 2 Duane St., New York.
Keasby & Mattison Co., Ambler, Pa.
McKesson & Robbins, 91 Fulton St., New York.
Newton Mfg. & Chemical Co., New Brunswick, N. J.
Parke, Davis & Co., Detroit, Mich.
Penn. Chemical Works, 514 S. 3d St., Philadelphia, Pa.
Ray Chemical Co., Detroit, Mich.
E. Scheffer, Louisville, Ky.
W. H. Schieffelin & Co., 170 William St., New York.
Smith, Kline & French Co., 431 Arch St., Philadelphia, Pa.
Frederick Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.

213. PHARMACEUTICAL PREPARATIONS.
Ammonol Chemical Co., 36 E. 14th St., New York.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Baker Bros. & Co., Baltimore, Md.
Benton, Myers & Co., Cleveland, O.
C. Bischoff & Co., 87 Park Place, New York.
C. F. Boehringer & Soehne, 7 Cedar St., New York.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
C. P. Calvert, Cincinnati, O.
Caswell, Massey & Co., 1121 Broadway, New York.
Centaur Co., 77 Murray St., New York.
Fairchild Bros. & Foster, Inc., 2 Duane St., New York.
R. W. Gardner, 156 William St., New York.
Gilbert Bros. & Co., Baltimore, Md.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
O. S. Janney & Co., 70 Kilby St., Boston, Mass.
Kauffman, Latimer & Co., Columbus, O.
B. Keith & Co., 75 William St., New York.
Krembs & Co., 183 W. Randolph St., Chicago, Ill.
Lehn & Fink, 128 William St., New York.
Eliel Lyman Drug Co., Minneapolis, Minn.
McKesson & Robbins, 91 Fulton St., New York.
Merck & Co., 15 University Place, New York.
Wm. S. Merrell Chemical Co., Cincinnati, O.
T. C. Morgan & Co., 32 Platt St., New York.
Muth Bros. & Co., Baltimore, Md.
Nelson, Barker & Co., Detroit, Mich.
Orr, Brown & Price, Columbus, O.
Parke, Davis & Co., Detroit, Mich.
Patterson & Purdy, 158 William St., New York.

Chas. H. Phillips Chemical Co., Glenbrook, Conn.
Poor, Towne & Co., 29 India St., Boston, Mass.
Reed & Carnrick, Inc., 447 Greenwich St., New York.
B. Riker & Son Co., 585 Washington St., New York.
Chas. F. Risley & Co., 108 Greenwich St., New York.
W. H. Schieffelin & Co., 170 William St., New York.
Geo. A. Scott, 842 Broadway, New York.
Sharp & Dohme, Baltimore, Md.
Smith, Kline & French, 431 Arch St., Philadelphia, Pa.
E. R. Squibb & Sons, 36 Doughty St., Brooklyn, N. Y.
Frederick Stearns & Co., Detroit, Mich.
Tarrant & Co., Inc., 278 Greenwich St., New York.
Chas. Truax Greene & Co., 75 Wabash Av., Chicago, Ill.
Upjohn Pill & Granule Co., Kalamazoo, Mich.
Chas. A. Vogeler Co., Baltimore, Md.
Wm. T. Wallace, 123 N. 7th St., Philadelphia. Pa.
W. R. Warner & Co., 1228 Market St., Philadelphia, Pa.
Mrs. Ermina M. West, Toledo, O.
Wheeler Chemical Works, 145 Lake St., Chicago, Ill.
J. Wyeth & Bro., 1100 S. 11th St., Philadelphia, Pa.

A. OINTMENTS.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Gotham Co., 82 Warren St., New York.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Lanman & Kemp, 68 William St., New York.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., New York.
Resinol Chemical Co., 316 W. Lombard St., Baltimore, Md.
W. H. Schieffelin & Co., 170 William St., New York.

214. PHOSPHOROUS.
Baker & Adamson Chemical Co., Easton, Pa.
Moro Phillips Chemical Co., 131 S. 3d St., Philadelphia, Pa.
J. L. & D. L. Riker, 46 Cedar St., New York.

215. PHOTOGRAPHIC CHEMICALS.
Nepera Chemical Co., Nepera Park, N. Y.

216. PILLS.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Fleming Bros. Co., Pittsburg, Pa.
Keasby & Mattison Co., Ambler, Pa.
McKesson & Robbins, 91 Fulton St., New York.
August Nittenger, Sr., 826 N. 4th St., Philadelphia, Pa.
Parke, Davis & Co., Detroit, Mich.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Frederick Stearns & Co., Detroit, Mich.
Dr. Tutt Mfg. Co., 140 Washington St., New York.
Upjohn Pill & Granule Co., Kalamazoo, Mich.
Jerome I. Vogeler, Baltimore, Md.
J. Wyeth & Bro., 1100 S. 11th St., Philadelphia, Pa.

A. COATED PILLS.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Keasby & Mattison Co., Ambler, Pa.
B. Keith & Co., 75 William St., New York.
Eli Lilly & Co., Indianapolis, Ind.
J. Moore, Albany, N. Y.
Parke, Davis & Co., Detroit, Mich.
Sharp & Dohme, Baltimore, Md.
Fredk. Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.
J. Wyeth & Bro., 1100 S. 11th St., Philadelphia, Pa.

B. GELATINE COATED PILLS.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Keasby & Mattison Co., Ambler, Pa.
Eli Lilly & Co., Indianapolis, Ind.
McKesson & Robbins, 91 Fulton St., New York.
J. Moore, Albany, N. Y.
Parke, Davis & Co., Detroit, Mich.
Sharp & Dohme, Baltimore, Md.

C. GRANULES.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Fredk. Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.
Upjohn Pill & Granule Co., Kalamazoo, Mich.

217. PILOCARPINE.
Roessler & Hasslacher Chemical Co., 100 William St., N. Y.

218. PLASTERS, MEDICINAL & SURGICAL.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.

Bauer & Black, 1245 State St., Chicago, Ill.
J. K. Cook & Co., 55 Dey St., New York.
Deane Plaster Co., Yonkers, N. Y.
J. Ellwood Lee Co., Conshohocken, Pa.
J. M. Grosvenor & Co., 108 Water St., Boston, Mass.
Johnson & Johnson, Inc., New Brunswick, N. J.
Mallinckrodt Chemical Works, St. Louis, Mo.
McKesson & Robbins, 91 Fulton St.,New York.
Novelty Plaster Works, Lowell, Mass.
Parke, Davis & Co., Detroit, Mich.
Porous Plaster Co. of Sing Sing, 30 Howard St., New York.
Raymond & Co., 62 Carroll St., Brooklyn, N. Y.
W. H. Schieffelin & Co., 170 William St., New York.
Geo. A. Scott, 842 Broadway, New York.
Seabury & Johnson, 59 Maiden Lane, New York.
Jerome I. Vogeler, Baltimore, Md.

A. COURT PLASTERS.
Dean Plaster Co., 21 Dey St., New York.
Johnson & Johnson, New Brunswick, N. J.
Seabury & Johnson, 59 Maiden Lane, New York.
W. T. Valentine & Son, Albany, N. Y.

219. PLATINUM SALTS.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Charles Cooper & Co., 194 Worth St., New York.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.

220. PODOPHYLLIN.
Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.

221. POTASH.
Nicholas Mans & Son, Trenton, Mich.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
John Shock, Waldenburg, Mich.
E. F. Walcott & Co., Marlboro, Mass.

A. AMMONIATED POTASH.
Jas. O. Draper & Co., Pawtucket, R. I.
E. N. Hall, 91 Wall St., New York.
New York Chemical Works, Inc., 102 Reade St., New York.

B. CAUSTIC POTASH.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
A. Viscal Co., East Cambridge, Mass.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

C. PEARL ASH.
Enos F. Jones Chemical Works, 352 Washington St., N. Y.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
Wing & Evans, 54 William St., New York.

D. WHITE CRYSTAL POTASH.
Enos F. Jones Chemical Co., 352 Washington St., New York.

222. POTASSIUM SALTS.
Ammonia Co., Gray's Ferry Av. & S. 29th St., Phila., Pa.
Baker & Adamson Chemical Co., Easton, Pa.
H. J. Baker & Bro., 97 William St., New York.
Battelle & Renwick, 163 Front St., New York.
Billings, Clapp & Co., 165 High St., New York.
Bissell Chemical Co., McKeesport, Pa.
Charles Cooper & Co., 194 Worth St., New York.
Wm. Davison & Co., Baltimore, Md.
Henry V. Davis Chemical Works, New Bedford, Mass.
E. R. Durkee & Co., 137 Water St., New York.
L. Feuchtwanger & Co., 191 Fulton St., New York.
Imperial Fertilizer Co., Charleston, S. C.
E. F. Jones Chemical Works, 352 Washington St., New York.
Kalion Chemical Co., Gray's Ferry Av., Philadelphia, Pa.
Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
McKesson & Robbins, 91 Fulton St., New York.
Jas. L. Morgan & Co., 47 Fulton St., New York.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., N. Y.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Roessler & Hasslacher Chemical Co., 100 William St., N. Y.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
W. H. Schieffelin & Co., 170 William St., New York.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
Zucher, Levett & Loeb Co., 526 W. 25th St., New York.

223. POTTERS' CHEMICALS.
Roessler & Hasslacher Chemical Co., 100 William St., N. Y.

224. POULTRY MEDICINES.
Excelsior Wire & Poultry Supply Co., 28 Vesey St., N. Y.

225. PROPRIETARY MEDICINES.
Dr. Seth Arnold Medical Corporation, Woonsocket, R. I.
J. C. Ayer Co., Lowell, Mass.
Boykin & Carmer Co., 11 N. Liberty St., Baltimore, Md.
Centaur Co., 77 Murray St., New York.
Chichester Chemical Co., 2315 Madison Sq., Philadelphia, Pa.
Charles N. Crittenton Co., 115 Fulton St., New York.
Declat Mfg. Co., 203 Broadway, New York.
Ellington Drug Co., Los Angeles, Cal.

Ely Bros., 56 Warren St., New York.
Fairchild Bros. & Foster, Rose & Duane Sts., New York.
Freeman Hiscox, 853 Broadway, New York.
G. G. Green, Woodbury, N. J.
L. H. Harris Drug Co., Inc., Pittsburg, Pa.
Hostetter Co., Pittsburg, Pa.
Humphreys' Homoeopathic Medicine Co., 113 William, N. Y.
Dr. D. Jayne & Son, 242 Chestnut St., Philadelphia, Pa.
Lehn & Fink, 128 William St., New York.
Eli Lilly & Co., Indianapolis, Ind.
G. Mennen Chemical Co., 579 Broad St., Newark, N. J.
H. K. Mulford Co., 412 S. 13th St., Philadelphia, Pa.
Phenique Chemical Co., 2221 Olive St., St. Louis, Mo.
D. Ransom, Son & Co., Inc., Buffalo, N. Y.
Scott & Bowne, 132 S. 5th Av., New York.
Spurlock, Neal & Co., Nashville, Tenn.
Fredk. Stearns & Co., Detroit, Mich.
Radway & Co., Inc., 32 Warren St., New York.
Resinol Chemical Co., 316 W. Lombard St., Baltimore, Md
Rumford Chemical Works, Providence, R. I.
Dr. Tutt Mfg. Co., 143 Washington St., New York.
Chas. A. Vogeler Co., Baltimore, Md.
Warner's Safe Cure Co., Rochester, N. Y.
Wells & Richardson Co., Burlington, Vt.

A. ACID PHOSPHATES.
Commercial Guano Co., Savannah, Ga.
Coweta Fertilizer Co., Newnan, Ga.
Nichols Chemical Co., 32 Liberty St., New York.
Parke, Davis & Co., Detroit, Mich.
Rumford Chemical Works, Providence, R. I.
Savannah Guano Co., Savannah, Ga.

B. EYE WATER.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

C. SKIN LOTIONS.
Wheeler Chemical Works, 745 Lake St., Chicago, Ill.
John I. Brown & Sons, 185 Summer St., Boston, Mass.

D. TROCHES.
N. K. Brown, Burlington, Vt.

E. VERMIFUGE.
B. S. Fahnestock, Pittsburg, Pa.
Fleming Bros. Co., Pittsburg, Pa.

226. PURPLE ORE.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.

227. PYROZONE.
McKesson & Robbins, 91 Fulton St., New York.

228. QUININE SALTS.
C. F. Boehringer & Soehne, 7 Cedar St., New York.
McKesson & Robbins, 91 Fulton St., New York.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., N. Y.
Roessler & Hasslacher Chemical Co., 73 Pine St., New York.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
W. H. Schieffelin & Co., 170 William St., New York.

229. RED LIQUOR.
Eastwood Chemical Co., Belleville, N. J.
General Chemical Co., 23 Liberty St., New York.
N. Y. & Boston Dye Wood Co., Boston, Mass.

230. RESINOIDS.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
B. Keith & Co., 75 William St., New York.
Parke, Davis & Co., Detroit, Mich.
Sharp & Dohme, Baltimore, Md.
Henry Thayer & Co., Cambridgeport, Mass.
Wheeler Chemical Works, 145 Lake St., Chicago, Ill.

231. RESORCINE.
C. F. Boehringer & Soehne, 7 Cedar St., New York.

232. SALACIN.
C. F. Boehringer & Soehne, 7 Cedar St., New York.

233. SAL-AMMONIAC.
Grasselli Chemical Co., 63 Wall St., New York.
Martin Kalbfleisch's Sons Co., 100 William St., New York.

234. SAL ENIXUM.
Church & Dwight Co., 129 Pearl St., New York.
General Chemical Co., 23 Liberty St., New York.
Enos F. Jones Chemical Co., 176 Duane St., New York.
J. Monroe Taylor Chemical Co., 113 Water St., New York.

235. SALTS, MEDICINAL.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Chas. Cooper & Co., 194 Worth St., New York.
Wm. Davison & Co., Baltimore, Md.
Drueding Bros., 429 Master St., Philadelphia, Pa.
General Chemical Co., 32 Liberty St., New York.
Grasselli Chemical Co., 63 Wall St., New York.
W. H. Hutchinson & Son, 16 S. Desplaines St., Chicago, Ill.
James Irwin & Co., 343 6th Av., Pittsburg, Pa.
Keasby & Mattison Co., Ambler, Pa.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Chas. Pfizer & Co., 81 Maiden Lane, New York.
Moro Phillips Chemical Co., 131 S. 3d St., Philadelphia, Pa.

Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Theo. Ricksecker Co., 22 Reade St., New York.
Mahlon L. Savage, Pierce & E. Orthodox Sts., Phila., Pa.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Vail Bros., 816 Cherry St., Philadelphia, Pa.
Western Chemical Co., P. O. Box 1605, Denver, Col.

236. SALTS, METALLIC. Wm. H. Swift Co., 45 Pearl St., Boston, Mass.

237. SALTS, MINERAL WATER.
Liquid Carbon Acid Mfg. Co., 286 E. 91st St., Chicago, Ill.
Sachs-Pruden Ginger Ale Co., Dayton, O.

238. SANTONIN.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Larkin & Scheffer, Anna & Main Sts., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
N. Y. Quinine & Chem. Works, Ltd., 114 William St., N. Y.

239. SARSAPARILLA.
J. C. Ayer Co., Lowell, Mass.
Bolen & Byrne Mfg. Co., 419 E. 54th St., New York.
Chas. I. Hood & Co., Lowell, Mass.
Lanman & Kemp, 68 William St., New York.
Wm. B. Riker & Son Co., 373 Sixth Av., New York.
G. B. Seely's Son, 319 W. 15th St., New York.
Dr. Tutt Mfg. Co., 140 Washington St., New York.
Ara Warren, Bangor, Me.

240. SHEEP MEDICINES. F. S. Burch & Co., 178 Michigan St., Chicago, Ill.

241. SILVER OXIDE. John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

242. SILVER SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Bissell Chemical Co., McKeesport, Pa.
Chas. Cooper & Co., 194 Worth St., New York.
L. Feuchtwanger & Co., 191 Fulton St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
Philiphs & Jacobs, 622 Race St., Philadelphia, Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

243. SOAP MAKERS' PERFUMES.
Magnus & Lauer, 4 Cedar St., New York.

244. SODA.
General Chemical Co., 32 Liberty St., New York.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Jas. Pyle & Sons, 436 Greenwich St., New York.
J. Monroe Taylor Chemical Co., 113 Water St., New York.

A. CAUSTIC SODA.
Mallinckrodt Chemical Works, St. Louis, Mo.
Michigan Alkali Co., Wyandotte, Mich.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Solvay Process Co., Syracuse, N. Y.

B. MONOHYDRATE CRYSTALS. Solvay Process Co., Syracuse, N. Y.

C. SAL SODA.
Church & Dwight Co., 65 Wall St., New York.
Colgate & Co., 55 John St., New York.
J. S. & T. Elkinton, 227 Chestnut St., Philadelphia, Pa.
J. C. Grant Chemical Co., 110-114 W. Lake St., Chicago, Ill.
Wm. H. Hutchinson & Son, 109 S. Desplaines St., Chicago, Ill.
James Irwin & Co., 343 6th Av., Pittsburg, Pa.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
J. Monroe Taylor Chemical Co., 113 Water St., New York.

D. SNOW FLAKE CRYSTALS. Solvay Process Co., Syracuse, N. Y.

E. SODA ASH.
Michigan Alkali Co., Wyandotte, Mich.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Solvay Process Co., Syracuse, N. Y.
Wing & Evans, 22 William St., New York.

245. SODIUM, METALLIC.
Baker & Adamson Chemical Co., Easton, Pa.
Roessler & Hasslacher Chem. Co., 100 William St., N. Y.

246. SODIUM SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Church & Dwight Co., 65 Wall St., New York.
Chas. Cooper & Co., 194 Worth St., New York.
A. De Ronde & Co., 12 Cedar St., New York.
L. Feuchtwanger & Co., 191 Fulton St., New York.
General Chemical Co., 32 Liberty St., New York.
J. C. Grant Chemical Co., 110-114 W. Lake St., Chicago, Ill.
Grasselli Chemical Co., 63 Wall St., New York.
W. H. Hutchinson & Son, 109 S. Desplaines St., Chicago, Ill.
Kalion Chem. Co., Gray's Ferry Av., Philadelphia, Pa.
Wm. J. Matheson & Co., Ltd., 182 Front St., New York.
Michigan Alkali Co., Wyandotte, Mich.

N. Y. Quinine & Chem. Works, Ltd., 114 William St., New York.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Philadelphia Quartz Co., 227 Chestnut St., Philadelphia, Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Roessler & Hasslacher Chem. Co., 100 William St., New York.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.
Mahlon L. Savage, Pierce & Orthodox Sts., Philadelphia, Pa.
Solvay Process Co., Syracuse, N. Y.
Western Chemical Co., P. O. Box 1605, Denver, Col.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
D. D. Williamson & Co., 14 Dey St., New York.
Wing & Evans, 22 William St., New York.

247. SOLUTIONS, CHEMICAL.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.

248. SOLUTIONS, GOLD & SILVER PLATING.
Geo. K. Hazlitt & Co., 373 Dearborn St., Chicago, Ill.

249. SPIRITS AMMONIA.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.

250. SPIRITS OF NITRE.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.

251. STRONTIUM SALTS.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.

252. STRYCHNINE.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Chas. Pfizer & Co., 81 Maiden Lane, New York.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.

253. SULPHUR & SALTS.
Battelle & Renwick, 163 Front St., New York.
Billings, Clapp & Co., Boston, Mass.
Chas. Cooper & Co., 194 Worth St., New York.
Drueding Bros., 431 Master St., Philadelphia, Pa.
General Chemical Co., 23 Liberty St., New York.
Herf & Frerichs Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo.
T. & S. C. White Co., 28 Burling Slip, New York.

254. SUPPOSITORIES.
Chas. S. Baker & Co., 59 Dearborn St., Chicago, Ill.
Henry C. Blair, Walnut & 8th Sts., Philadelphia, Pa.
Parke, Davis & Co., Detroit, Mich.
Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Frederick Stearns & Co., Detroit, Mich.
John Wyeth & Bros., 1100 S. 11th St., Philadelphia, Pa.

255. SYRUPS, MEDICINAL.
Chas. S. Baker & Co., 59 Dearborn St., Chicago, Ill.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
R. W. Gardner, 156 William St., New York.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Eli Lilly & Co., Indianapolis, Ind.
McKesson & Robbins, 91 Fulton St., New York.
J. Moore, Albany, N. Y.
Parke, Davis & Co., Detroit, Mich.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Spurlock, Neal & Co., Nashville, Tenn.
Frederick Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.
Upjohn Pill & Granule Co., Kalamazoo, Mich.

256. TABLETS, MEDICINAL.

A. COMPRESSED TABLETS.
Boericke & Tafel, 145 Grand St., New York.
Caswell, Massey & Co., 1121 Broadway, N. Y.
Fairchild Bros. & Foster, Rose & Duane Sts., New York.
Fraser Tablet Triturate Mfg. Co., 17 Vendewater, New York.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Keasby & Mattison Co., Inc., Ambler, Pa.
Eli Lilly & Co., Indianapolis, Ind.
McKesson & Robbins, 91 Fulton St., New York.
H. K. Mulford Co., 412 S. 13th St., Philadelphia, Pa.
Parke, Davis & Co., Detroit, Mich.
Phenique Chemical Co., 2221 Olive St., St. Louis, Mo.
Ripley Co., Cleveland, O.
Sanitas Nut Ford Co., Ltd., Battle Creek, Mich.
W. H. Schieffelin & Co., 170 William St., New York.
Seabury & Johnson, 50 Maiden Lane, New York.
Sharp & Dohme, Baltimore, Md.
Frederick Stearns & Co., Detroit, Mich.
Henry Thayer & Co., Cambridgeport, Mass.

J. Wyeth & Bro., 1100 S. 11th St., Philadelphia, Pa.

B. HYPODERMIC TABLETS.
Fraser Tablet Triturate Mfg. Co., 17 Vandewater, New York.
Eli Lilly & Co., Indianapolis, Ind.
Parke, Davis & Co., Detroit, Mich.
Sharp & Dohme, Baltimore, Md.

C. TABLET TRITURATE.
Fraser Tablet Triturate Mfg. Co., 17 Vandewater, New York.
Eli Lilly & Co., Indianapolis, Ind.
J. Moore, Albany, N. Y.
Parke, Davis & Co., Detroit, Mich.

257. TANNIN.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Drueding Bros., 429 Master St., Philadelphia, Pa.
Mallinckrodt Chemical Works, St. Louis, Mo.
Wm. J. Matheson & Co., 182 Front St., New York.
Rosengarten & Sons, 17th & Fitzwater Sts., Philadelphia, Pa.

258. TARTAR EMETIC.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Abram De Ronde & Co., 254 Front St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
McKesson & Robbins, 91 Fulton St., New York.

259. TIN OXIDES.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

260. TIN SALTS.
Ammonia Co., Gray's Av. & S. 29th St., Philadelphia, Pa.
Baker & Adamson Chemical Co., Easton, Pa.
Bissell Chemical Co., McKeesport, Pa.
Butterworth & Judson, Newark, N. J.
Chas. Cooper & Co., 194 Worth St., New York.
Abram De Ronde & Co., 17 Cedar St., New York.
L. Feuchtwanger & Co., 191 Fulton St., New York.
General Chemical Co., 32 Liberty St., New York.
Mallinckrodt Chemical Works, St. Louis, Mo.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

261. TOILET PREPARATIONS.
Caswell, Massey & Co., 1121 Broadway, New York.
Chichester Chem. Co., 2315 Madison Square, Philadelphia, Pa.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Colgate & Co., 55 John St., New York.
Ellington Drug Co., Los Angeles, Cal.
Pond's Extract Co., 76 5th Av., New York.
Recamier Mfg. Co., 131 W. 31st St., New York.
Wm. B. Riker & Son Co., 373 6th Ave., New York.
J. H. Sackett, 122 Liberty St., New York.

A. ALBOLENE.
McKesson & Robbins, 91 Fulton St., New York.

B. BANDOLINE.
Colgate & Co., 55 John St., New York.

C. BRILLIANTINE.
Caswell, Massey & Co., 1121 Broadway, New York.
Auguste Doussan, 46 Chartres St., New Orleans, La.

D. CAMPHOR ICE.
Caswell, Massey & Co., 1121 Broadway, New York.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Colgate & Co., 55 John St., New York.
McKesson & Robbins, 91 Fulton St., New York.
W. H. Schieffelin & Co., 170 William St., New York.
S. H. Wetmore Co., 240 Pearl St., New York.

E. COLD CREAM.
Caswell, Massey & Co., 1121 Broadway, New York.
Mary E. Cobb Manicure Co., 59 Maiden Lane, New York.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
J. A. Pozzoni & Co., 308-310 S. 8th St., St. Louis, Mo.
Recamier Mfg. Co., 131 W. 31st St., New York.

F. COLOGNES.
Ladd & Coffin, 24 Barclay St., New York.
Lazell, Dalley & Co., 12 Duane St., New York.

G. COSMETICS.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Mary E. Cobb Manicure Co., 59 Maiden Lane, New York.
Colgate & Co., 55 John St., New York.
Auguste Doussan, 46 Chartres St., New Orleans, La.
Vail Bros., 816 Cherry St., Philadelphia, Pa.
S. H. Wetmore Co., 240 Pearl St., New York.

H. DEPILATORIES.
Bailey Mfg. Co., Hartford, Conn.
Arthur Fricke, 218 Arch St., Philadelphia, Pa.
Recamier Mfg. Co., 131 W. 31st St., New York.

I. FACE POWDER.
Mary E. Cobb Manicure Co., 59 Maiden Lane, New York.
Colgate & Co., 55 John St., New York.
Auguste Doussan, 46 Chartres St., New Orleans, La.
Foote & Jencks, Inc., Jackson, Mich.
Freeman Perfume Co., Cincinnati, O.
Geo. E. Lorenz, Toledo, O.
W. Lyons & Sons, 88 Maiden Lane, New York.
G. Mennesi, Newark, N. J.
J. A. Pozzoni & Co., 308-310 S. 8th St., St. Louis, Mo.
Reed & Carnrick, Inc., 447 Greenwich St., New York.

Theo. Ricksecker Co., 22 Reade St., New York.
Wm. B. Riker & Son Co., 373 6th Av., New York.
H. Tappan, 112 Duane St., New York.
Tarrant & Co., Inc., 278 Greenwich St., New York.
Henry Tetlow, 10th & Cherry Sts., Philadelphia, Pa.
Vail Bros., 816 Cherry St., Philadelphia, Pa.
S. H. Wetmore Co., 242 Pearl St., New York.
S. S. White Dental Mfg. Co., Chestnut St., Philadelphia, Pa.

J. FLORIDA WATER.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Lanman & Kemp, 68 William St., New York.
S. H. Wetmore Co., 242 Pearl St., New York.

K. HAIR DYE.
Boykin-Carmer Co., 11 & 13 N. Liberty St., Baltimore, Md.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Chas F. Risley & Co., 108 Grenwich St., New York.
Dr. Tutt Mfg. Co., 140 Washington St., New York.

L. HAIR OIL.
Caswell, Massey & Co., 1121 Broadway, New York.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Arthur Fricke, 218 Arch St., Philadelphia, Pa.
Vail Bros., 816 Cherry St., Philadelphia, Pa.

M. HAIR TONIC.
Caswell, Massey & Co., 1121 Broadway, New York.
Colgate & Co., 55 John St., New York.
Auguste Doussan, 46 Chartres St., New Orleans, La.
Freeman Hiscox, 853 Broadway, New York.
Dr. D. Jayne & Son, 242 Chestnut St., Philadelphia, Pa.
Lanman & Kemp, 68 William St., New York.
Lazell, Dalley & Co., 12 Duane St., New York.
Recamier Mfg. Co., 131 W. 31st St., New York.

N. MANICURE COSMETICS.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Freeman Perfume Co., Cincinnati, O.

O. MOUTH WASH.
Caswell, Massey & Co., 1121 Broadway, New York.
Colgate & Co., 55 John St., New York.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
S. S. White Dental Mfg. Co., Chestnut St., Philadelphia, Pa.

P. PERFUMERY.
T. B. Bailey & Co., 39 Kingston St., Boston, Mass.
Geo. W. Bean & Co., 816 Cherry St., Philadelphia, Pa.
Caswell, Massey & Co., 1121 Broadway, New York.
Clauson Co., 45 S. 2d St., Philadelphia, Pa.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Colgate & Co., 55 John St., New York.
Auguste Doussan, 46 Chartres St., New Orleans, La.
Freeman Perfume Co., Cincinnati, O.
Jos. S. Kirk & Co., 360 N. Water St., Chicago, Ill.
Ladd & Coffin, 24 Barclay St., New York.
Larkin Soap Mfg. Co., Buffalo, N. Y.
Lascelles Mfg. Co., Salem, N. Y.
Lazell, Dalley & Co., 12 Duane St., New York.
Geo. Lorenz, Toledo, O.
McKesson & Robbins, 91 Fulton St., New York.
Miller Soap Co., Lancaster, Pa.
Oakley Soap & Perfumery Co., 122 Duane St., New York.
Solon Palmer, 374 Pearl St., New York.
Theo. Ricksecker Co., 22 Reade St., New York.
Wm. B. Riker & Son Co., 373 6th Av., New York.
Seeley Mfg. Co., Detroit, Mich.
Frederick Stearns & Co., Detroit, Mich.
H. Tappan, 112 Duane St., New York.
Tarrant & Co., Inc., 278 Greenwich St., New York.
Vail Bros., 816 Cherry St., Philadelphia, Pa.
Jerome I. Vogeler, Baltimore, Md.
Alfred Wright, Rochester, N. Y.
Richard D. Young Perfumery Co., 351 Broadway, New York.

Q. SACHET POWDERS.
Clifford Perfume Mfg. Co., 564 Washington St., Boston, Mass.
Mary E. Cobb Manicure Co., 59 Maiden Lane, New York.
Colgate & Co., 55 John St., New York.
Ladd & Coffin, 24 Barclay St., New York.
Lazell, Dalley & Co., 12 Duane St., New York.
Theo. Metcalf Co., 39 Tremont St., Boston, Mass.
Theo. Ricksecker Co., 22 Duane St., New York.
Wm. B. Riker & Son Co., 373 6th Av., New York.
Tarrant & Co., Inc., 278 Greenwich St., New York.
Richard D. Young Perfumery Co., 351 Broadway, New York.

R. TOILET POWDERS.
Caswell, Massey & Co., 1121 Broadway, New York.
Ellington Drug. Co., Los Angeles, Cal.
Ladd & Coffin, 24 Barclay St., New York.
Lazell, Dalley & Co., 12 Duane St., New York.
Recamier Mfg. Co., 131 W. 31st St., New York.

Wm. B. Riker & Son Co., 373 6th Av., New York.
Vail Bros., 816 Cherry St., Philadelphia, Pa.
World Refining Co., Easton, Pa.

S. TOILET WATERS.
Freeman Perfume Co., Cincinnati, O.
Ladd & Coffin, 24 Barclay St., New York.
J. A. Pozzoni & Co., 308-310 S. 8th St., St. Louis, Mo.

T. TOOTH PASTE & POWDERS.
Geo. W. Bean & Co., 816 Cherry St., Philadelphia, Pa.
A. L. Calder, Providence, R. I.
Caswell, Massey & Co., 1121 Broadway, New York.
E. W. Hoyt & Co., Lowell, Mass.
Johnson & Johnson, Inc., 92 William St., New York.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Lazell, Dalley & Co., 12 Duane St., New York.
Theo. Ricksecker Co., 22 Reade St., New York.
Vail Bros., 816 Cherry St., Philadelphia, Pa.

U. VASELINE.
Cheseborough Mfg. Co., 24 State St., New York.

262. URANIUM OXIDE.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

263. VACCINE VIRUS.
Codman & Shurtleff, 13 Tremont St., Boston, Mass.
H. K. Mulford Co., 412 S. 13th St., Philadelphia, Pa.

264. WATER, DISTILLED.
Arctic Ice Co., 3035 Gilbert Av., Cincinnati, O.
Chas. Cooper & Co., 194 Worth St., New York.

265. WINES, MEDICINAL.
Chas. S. Baker & Co., 40 Dearborn St., Chicago, Ill.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
Eli Lilly & Co., Indianapolis, Ind.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
W. H. Schieffelin & Co., 170 William St., New York.
Sharp & Dohme, Baltimore, Md.
Spurlock, Neal & Co., Nashville, Tenn.
Henry Thayer & Co., Cambridgeport, Mass.

266. WOOD NAPHTHA.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Mallinckrodt Chemical Works, St. Louis, Mo.

267. ZINC SALTS.
Baker & Adamson Chemical Co., Easton, Pa.
Billings, Clapp & Co., 144 High St., Boston, Mass.
Bissell Chemical Co., McKeesport, Pa.
Con. Kan. City Smelting & Refining Co., Argentine, Kan.
Abram De Ronde & Co., 254 Front St., New York.
General Chemical Co., 32 Liberty St., New York.
Grasselli Chemical Co., 63 Wall St., New York.
Hecla Compressed Gas Co., Chelsea, Mass.
Mallinckrodt Chemical Works, St. Louis, Mo.
New Jersey Zinc Co., Jersey City, N. J.
Passaic Zinc Co., Jersey City, N. J.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Powers & Weightman, 9th & Parrish Sts., Philadelphia, Pa.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

VII. CIGARS AND TOBACCO.

268. CHEROOTS.
F. W. Felgner & Sons, Baltimore, Md.
Mallory Durham Cheroot Co., Durham, N. C.

269. CIGARETTES.
American Tobacco Co., 507 W. 22d St., New York.
Buchner Tobacco Co., 539 W. 21st St., New York.
Cameron & Cameron, Richmond, Va.
Ligett & Myers Tobacco Co., St. Louis, Mo.
J. B. Pace Tobacco Co., Richmond, Va.

A. ALL-TOBACCO CIGARETTES.
American Tobacco Co., 507 W. 22d St., New York.
Cameron & Cameron, Richmond, Va.
F. W. Felgner & Sons, Baltimore, Md.
Thomas H. Hall's Son, 207 E. 37th St., New York.

270. CIGARS.
Elias Aarons, New Orleans, La.
Alles & Fisher, 8 Cambridge St., Boston, Mass.
Amo, Ortiz & Co., 128 Water St., New York.
Arguelles, Lopez & Bro., 222 Pearl St., New York.
Louis Ash & Co., 326 E. 26th St., New York.
Baker & Du Bois, 121 Maiden Lane, New York.
Bondy & Lederer, 1298 1st Av., New York.

M. Barranco & Co., Key West, Fla.
Alfred Barth, 164 Bowery, New York.
Wm. Batchelor, 886 N. 6th St., Philadelphia, Pa.
Geo. N. Benjamin, Tampa, Fla.
David Blood, Amsterdam, N. Y.
I. Brudno Sons, Cleveland, O.
Cameron & Cameron, Richmond, Va.
Cortez Cigar Co., Key West, Fla.
Celestino, Costello & Co., York, Pa.
T. J. Dunn & Co., 210 N. Broad St., Philadelphia, Pa.
Julius Ellinger & Co., 60 Vesey St., New York.
El Modelo Cigar Mfg. Co., Jacksonville, Fla.
M. Foster & Co., 1095 3d Av., New York.
John Garcia & Son, 119 Broadway, Brooklyn, N. Y.
Garcia, Pando & Co., Pearl St., New York.
E. H. Gato Cigar Co., Key West, Fla.
Thomas H. Hall's Son, 207 E. 37th St., New York.
Jas. A. Hayes & Co., 9 Commercial St., Boston, Mass.
S. Hernsheim Bros. & Co., Ltd., New Orleans, La.
Heyman Bros. & Lowenstein, 430 E. 59th St., New York.
Ferdinand Hirsch Co., 32 Broadway, New York.
Hull, Grunimond & Co., Binghamton, N. Y.
Irby Cigar & Tobacco Co., Ltd., New Orleans, La.
S. Jacoby Co., 342 E. 38th St., New York.
L. Kahner & Co., Inc., 202 E. 100th St., New York.
Kaufman Bros., 1069 3d Av., New York.
Geo. A. Kent & Co., Binghamton, N. Y.
Kimball Bros. & Co., 154 W. Broadway, New York.
Wm. Lewis & Co., San Francisco, Cal.
McCay & Co., 190 Av. C, New York.
Mange, Wiener & Co., Ltd., 1106 Montgomery Av., Phila., Pa.
M. W. Mendel & Bro., 15½ Bowery, New York.
L. Newburger & Bro., 141 W. Pearl St., Cinn., O.
Nill & Jess Co., Watertown, N. Y.
S. Ottenberg & Bros., 382 2d Av., New York.
W. E. Parsons, Jr., 481 Broadway, New York.
Agustus Pollack, Wheeling, W. Va.
Powell, Smith & Co., 1228 2d Av., New York.
S. Rodriguez, 54 South St., New York.
D. E. Rose Co., 286 Elizabeth St., New York.
Rosener, Arnold & Co., Inc., 45 Beaver St., New York.
Rosenthal Bros., 351 E. 73d St., New York.
Sanchez & Haya Co., 14 Church St., New York.
Seidenberg & Co., Av. A & 71st St., New York.
E. Seidenberg, Stiefel & Co., 73d St. & 2d Av., New York.
M. E. Shattuck Cigar & Tobacco Co., Worcester, Mass.
Sideman, Lachman Co., San Francisco, Cal.
M. Silverthau & Co., 336 E. 98th St., New York.
P. J. Sullivan, 56 Fulton St., Brooklyn, N. Y.
Thorwart & Roehling, 188 Randolph St., Chicago, Ill.
D. L. Trujillo & Son, Key West, Fla.
Carl Upmann, 408 E. 59th St., New York.
Jos. Whitcomb Co., Springfield, Mass.
Ybor-Manrara Co., 89 Water St., New York.

271. SNUFF.

American Tobacco Co., 507 W. 22d St., New York.
Buchner Tobacco Co., 539 W. 21st St., New York.
Dental Snuff Co., Lynchburg, Va.
F. A. Goetze & Bro. Co., 100 Broadway, Jersey City, N. J.
G. W. Helme & Co., Helmetta, N. J.
P. Lorillard Co., Jersey City, N. J.
Weyman & Bro., Pittsburg, Pa.

272. STOGIES.

J. Brudno Sons, Cleveland, O.

273. TOBACCO.

A. CHEWING TOBACCO.

F. F. Adams Tobacco Co., Milwaukee, Wis.
American Eagle Tobacco Co., Detroit, Mich.
American Tobacco Co., 507 W. 22d St., New York.
John Anderson & Co., Inc., 114 Liberty St., New York.
Buchanan & Lyall, 101 Wall St., New York.
Buchner Tobacco Co., 539 W. 21st St., New York.
John Finzer & Bros., Louisville, Ky.
J. G. Flint, Jr., Milwaukee, Wis.
W. T. Hancock, Richmond, Va.
P. H. Hanes & Co., Winston, N. C.
Ligett & Myers Tobacco Co., St. Louis, Mo.
P. Lorillard Co., Jersey City, N. J.
D. H. McAlpin & Co., Inc., 150 Av. D, New York.

	J. B. Pace Tobacco Co., Richmond, Va.
	S. W. Venable Tobacco Co., Petersburg, Va.
	Wemple, Ellerson & Co., Danville, Va.
	Weyman & Bro., Pittsburg, Pa.
	Wilson & McCallay Tobacco Co., Middletown, O.
B. LONG CUT TOBACCO.	Cameron & Cameron, Richmond, Va.
C. PLUG TOBACCO.	Allen Bros. Tobacco Co., Inc., Lynchburg, Va.
	American Tobacco Co., 507 W. 22d St., New York.
	Buchanan & Lyall, 101 Wall St., New York.
	Cameron & Cameron, Richmond, Va.
	Wm. Cameron & Bro., Petersburg, Va.
	J. S. Dorton, Mendoto, Va.
	David Dunlop, Petersburg, Va.
	John Finzer & Bros., Louisville, Ky.
	G. W. Gail & Ax, Baltimore, Md.
	B. F. Gravely & Sons, Leatherwood, Va.
	Hancock Bros. & Co., Lynchburg, Va.
	P. Lorillard Co., Jersey City, N. J.
	John M. Mackin & Son, Petersburg, Pa.
	P. H. Mayo & Bro., Inc., Richmond, Va.
	A. H. Motley Co., Reidsville, N. C.
	J. B. Pace Tobacco Co., Richmond, Va.
	R. A. Patterson Tobacco Co., Richmond, Va.
	R. J. Reynolds Tobacco Co., Inc., Winston, N. C.
	J. B. Sparrow & Co., Danville, Va.
	Taylor Bros., Winston, N. C.
D. PLUG CUT TOBACCO.	American Tobacco Co., 507 W. 22d St., New York.
	Cameron & Cameron, Richmond, Va.
	F. W. Felgner & Sons, Baltimore, Md.
	G. W. Gail & Ax, Balto, Md.
	B. F. Gravely & Sons, Leatherwood, Va.
	J. B. Pace Tobacco Co., Richmond, Va.
E. SMOKING TOBACCO.	F. F. Adams Tobacco Co., Milwaukee, Wis.
	American Eagle Tobacco Co., Detroit, Mich.
	American Tobacco Co., 507 W. 22d St., New York.
	John J. Bagley & Co., Inc., Detroit, Mich.
	Blackwell's Durham Tobacco Co., Durham, N. C.
	Buchanan & Lyall, 101 Wall St., New York.
	Buchner Tobacco Co., 539 W. 21st St., New York.
	Cameron & Cameron, Richmond, Va.
	John W. Carroll, Lynchburg, Va.
	F. W. Felgner & Sons, Baltimore, Md.
	J. Finzer & Bros., Louisville, Ky.
	J. G. Flint, Jr., Milwaukee, Wis.
	G. W. Gail & Ax, Baltimore, Md.
	F. A. Goetze & Bro. Co., 106 Broadway, Jersey City, N. J.
	B. F. Gravely & Sons, Leatherwood, Va.
	Robert Harris & Bro., Reidsville, N. C.
	Ligett & Myers Tobacco Co., St. Louis, Mo.
	P. H. Mayo & Bro., Inc., Richmond, Va.
	D. H. McAlpin & Co., Inc., 150 Av. D., New York.
	Mrs. G. B. Miller & Co.,Tobac. Mfg., 97 Columbia, New York.
	A. H. Motley Co., Reidsville, N. C.
	R. A. Patterson Tobacco Co., Richmond, Va.
	Penn & Rison, Danville, Va.
	R. P. Richardson, Jr., & Co., Reidsville, N. C.
	S. W. Venable Tobacco Co., Petersburg, Va.
	Weyman & Bros., Pittsburg, Pa.
F. TOBACCO, GRANULATED.	American Tobacco Co., 507 W. 22d St., New York.
	Cameron & Cameron, Richmond, Va.
	Chas. F. Russell Tobacco Co., Richmond, Va.
G. TOBACCO MIXTURES.	Cameron & Cameron, Richmond, Va.
H. TOBACCO POWDER.	Louisville Spirit Cured Tobacco Co., Louisville, Ky.
I. TOBACCO STEM MEAL.	F. S. Burch & Co., 178 Michigan St., Chicago, Ill.
J. TWIST TOBACCO.	Cameron & Cameron, Richmond, Va.
	B. F. Gravely & Sons, Leatherwood, Va.
	John M. Mackin & Son, Petersburg, Pa.
	J. B. Pace Tobacco Co., Richmond, Va.
	J. B. Sparrow & Co., Danville, Va.
	Taylor Bros., Winston, N. C.
	Watson & McGill, Petersburg, Va.

VIII. CLOCKS, WATCHES AND PARTS.

274. CHRONOMETERS.	Herman Kohlbusch, 59 Nassau St., New York.
275. CLOCK MATERIALS.	Ansonia Clock Co., 11 Cliff St., New York.
	John B. Gardner's Sons, Ansonia, Conn.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	Waterbury Clock Co.. 10 Cortlandt St., New York.
A. CLOCK BELLS.	Bridgeport Brass Co., Bridgeport, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	E. N. Welch Mfg. Co., Forrestville, Conn.
B. CLOCK CASES, METAL.	National Brass & Iron Works, Reading, Pa.
C. CLOCK CASES, WOOD.	Newburg Furniture Mfg. Co., 37 Lander St., Newburg, N. Y.
D. CLOCK DIALS.	Caesar Bros., 112 Fulton St., New York.
	O'Hara Waltham Dial Co., Waltham, Mass.
	S. E. Root, Bristol, Conn.
E. CLOCK HANDS.	J. H. Winn & Son, Winchester, Mass.
F. CLOCK MOVEMENTS.	Ansonia Clock Co., 11 Cliff St., New York.
	Bridgeport Brass Co., Bridgeport, Conn.
	Bristol Brass & Clock Co., Bristol, Conn.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	New Haven Clock Co., New Haven, Conn.
	Phelps & Bartholomew Co., Ansonia, Conn.
	David S. Plumb, Newark, N. J.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
G. CLOCK SPRINGS.	Dunbar Bros., Bristol, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Wallace Barnes Co., Bristol, Conn.
	Washburn & Moen Mfg. Co., Worcester, Mass.
H. CLOCK TOPS.	New Jersey Lamp & Bronze Works, New Brunswick, N. J.
I. CLOCK TRIMMINGS.	Clark & Cowles, Plainville, Conn.
	S. E. Root, Bristol, Conn.
J. ELECTRICAL CLOCK MOVEMENTS.	D. S. Plumb, 24 Boudinot St., Newark, N. J.
K. SYNCHRONIZERS FOR CLOCKS.	Prentiss Clock Improvement Co., 49 Dey St., New York.
276. CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Bridgeport Brass Co., Bridgeport, Conn.
	Bristol Brass & Clock Co., Bristol, Conn.
	Walter H. Durfee & Co., Providence, R. I.
	W. L. Gilbert Clock Co., Winsted, Conn.
	E. Howard Watch & Clock Co., Boston, Mass.
	E. Ingraham Co., Bristol, Conn.
	Ithaca Calendar Clock Co., Ithaca, N. Y.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Parker Clock Co., Meriden, Conn.
	Phelps & Bartholomew Co., Ansonia, Conn.
	Prentiss Calendar & Time Co., 49 Dey St., New York.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waltham Clock Co., Waltham, Conn.
	Waterbruy Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
	Western Clock Mfg. Co., La Salle, Ill.
A. ALARM CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	W. L. Gilbert Clock Co., Winsted, Conn.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Phelps & Bartholomew Co., Ansonia, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
	Western Clock Mfg. Co., La Salle, Ill.
B. ASTRONOMICAL CLOCKS.	E. Howard Watch & Clock Co., Boston, Mass.
	Seth Thomas Clock Co., Thomaston, Conn.
C. BANK CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	E. Howard Watch & Clock Co., Boston, Mass.
	F. Kroeber Clock Co., 360 Broadway, New York.
D. CABINET CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.

	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
E. CALENDAR CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	W. L. Gilbert Clock Co., Winsted, Conn.
	E. Ingraham Co., Bristol, Conn.
	Ithaca Calendar Clock Co., Ithaca, N. Y.
	New Haven Clock Co., New Haven, Conn.
	Phelps & Bartholomew Co., Ansonia, Conn.
	Prentiss Clock Improvement Co., 49 Dey St., New York.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
F. CARRIAGE ALARM CLOCKS.	W. L. Gilbert Clock Co., Winsted, Conn.
G. CHIMING CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	E. Howard Watch & Clock Co., Boston, Mass.
	Seth Thomas Clock Co., Thomaston, Conn.
H. COLUMBUS CLOCKS.	Bostwick & Burgess Mfg. Co., Norwalk, O.
I. ELECTRIC ALARM CLOCKS.	E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.
J. ELECTRIC CLOCKS.	Edwards & Co., 144th St. & 4th Av., New York.
	E. Howard Watch & Clock Co., Wash'n. St., Boston, Mass.
	Prentiss Clock Improvement Co., 49 Dey St., New York.
	Stevens Electric Co., 3500 Av. A., New York.
K. ELECTRIC LIGHT & CUT OUT CLOCKS.	J. Jones & Son, 64 Cortlandt St., New York.
L. ELECTRIC STREET-POST CLOCKS.	Am. Watchman's Time Detector Co., 234 B'way, New York.
	Ansonia Clock Co., 11 Cliff St., New York.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
M. FANCY BRASS CLOCKS.	Waterbury Clock Co., 10 Cortlandt St., New York.
N. FRYING-PAN CLOCKS.	Prentiss Clock Improvement Co., 49 Dey St., New York.
O. GALLERY CLOCKS.	E. Ingraham Co., Bristol, Conn.
	New Haven Clock Co., New Haven, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
P. HALL CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Walter H. Durfree & Co., Providence, R. I.
	E. Howard Watch & Clock Co., Wash'n. St., Boston, Mass.
	Seth Thomas Clock Co., Thomaston, Conn.
	E. N. Welch Mfg. Co., Forrestville, Conn.
Q. HANGING CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	E. Ingraham Co., Bristol, Conn.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Phelps & Bartholomew, Ansonia, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
R. LANTERN CLOCKS.	New Haven Clock Co., New Haven, Conn.
S. LEVER CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	E. Ingraham Co., Bristol, Conn.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Phelps & Bartholomew Co., Ansonia, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
T. LOCOMOTIVE CLOCKS.	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Crosby Steam Gauge & Valve Co., 93 Oliver, Boston, Mass. *6
	Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
	Schäffer & Budenburg, Brooklyn, N. Y.
	Seth Thomas Clock Co., Thomaston, Conn.
	E. N. Welch Mfg. Co., Forrestville, Conn.
U. LUMINOUS DIAL CLOCKS.	F. Kroeber Clock Co., 360 Broadway, New York.
	Seth Thomas Clock Co., Thomaston, Conn.
V. MANTLE CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	E. Ingraham Co., Bristol, Conn.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.

W. MARINE CLOCKS.	American Steam Gauge Co., 30 Chardon St., Boston, Mass.
	Ansonia Clock Co., 11 Cliff St., New York.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Crosby Steam Gauge & Valve Co., 93 Oliver, Boston, Mass. *6
	Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
	Schäffer & Budenburg, Brooklyn, N. Y.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
X. MARINE CLOCKS (SHIPS BELLS).	Seth Thomas Clock Co., Thomaston, Conn.
	E. N. Welch Mfg. Co., Forrestville, Conn.
Y. NICKEL CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	Globe Clock Co., 50 Maiden Lane, New York.
	F. Kroeber Clock Co., 360 Broadway, New York.
	S. F. Myers Co., 48 Maiden Lane, New York.
	Phelps & Bartholomew Co., Ansonia, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
Z. NIGHT CLOCKS.	New Haven Clock Co., New Haven, Conn.
AA. NOVELTY CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
BB. OFFICE CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	E. Howard Watch & Clock Co., Washington St., Boston, Mass.
	F. Kroeber Clock Co., 360 Broadway, New York.
	New Haven Clock Co., New Haven, Conn.
	Phelps & Bartholomew Co., Ansonia, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
CC. ORNAMENTAL CLOCKS.	Anchor Silver Plate Co., Oswego, N. Y.
DD. PRECISION CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Seth Thomas Clock Co., Thomaston, Conn.
EE. RAILROAD CLOCKS.	E. Howard Watch & Clock Co., Washington St., Boston, Mass.
FF. REGULATOR CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	Wm. L. Gilbert Clock Co., Winsted, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
	E. N. Welch Mfg. Co., Forrestville, Conn.
GG. SCHOOL CLOCKS.	Am. Watchman's Time Detector Co., 234 Broadway, N. Y.
	Ansonia Clock Co., 11 Cliff St., New York.
	Edwards & Co., 144th St. & 4th Av., New York.
	Phelps & Bartholomew Co., Ansonia, Conn.
	Prentiss Clock Improvement Co., 49 Dey St., New York.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
HH. SCREW MOTOR CLOCKS.	Screw Motor Clock Co., 50 Maiden Lane, New York.
II. STREET CLOCKS.	E. Howard Watch & Clock Co., Boston, Mass.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
JJ. SWINGING CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
KK. TOWER CLOCKS.	E. Howard Watch & Clock Co., Washington St., Boston, Mass.
	Seth Thomas Clock Co., Thomaston, Conn.
LL. WATCHMAKERS' REGULATORS.	Ansonia Clock Co., 11 Cliff St., New York.
	E. Howard Watch & Clock Co., Boston, Mass.
	New Haven Clock Co., New Haven, Conn.
	Seth Thomas Clock Co., Thomaston, Conn.
	Waterbury Clock Co., 10 Cortlandt St., New York.
MM. WATCHMEN'S CLOCKS.	Edwards & Co., 144th St. & 4th Av., New York.
	E. Howard Watch & Clock Co., Washington St., Boston, Mass.
NN. WATCHMEN'S ELECTRIC CLOCKS.	Am. Watchman's Time Detector Co., 234 Broadway, N. Y.
	Hersey Mfg. Co., S. Boston, Mass.
	New Haven Clock Co., New Haven, Conn.
OO. WATCHMEN'S TIME DETECTORS.	American Supply Co., Providence, R. I.
	Am. Watchman's Time Detector Co., 234 Broadway, N. Y.
	Gen. Watchmen's Time Det. Co., 1202 Myrtle Av., Bklyn., N. Y.
	Hersey Mfg. Co., S. Boston, Mass.
	E. Imhauser, 206 Broadway, New York.
PP. WINDOW CLOCKS.	Ansonia Clock Co., 11 Cliff St., New York.
	New Haven Clock Co., New Haven, Conn.

277. CLOCK WORK SPECIALTIES.

D. S. Plumb, 24 Boudinot St., Newark, N. J.
Brooklyn Watch Case Co., 54 Maiden Lane, New York.

278. WATCH CASE MATERIALS.

J. Briggs & Sons Co., Providence, R. I.
Fahys Watch Case Co., Sag Harbor, N. Y.
Geo. H. Fuller & Son, Pawtucket, R. I.
Henry G. Lefort, Newark, N. J.
Newark Watch Case Material Co., 19 Ward St., Newark, N. J.
Chas. Nobs & Son, Inc., 24 Boudinot St., Newark, N. J.

A. WATCH CASE SPRINGS. A. N. Clark & Son, Plainville, Conn.

279. WATCH CASES.

W. F. Doll Mfg. Co., 9 Maiden Lane, New York.
Globe Watch Case Co., 48 Maiden Lane, New York.
Philadelphia Watch Case Co., Riverside, N. J.

A. ELECTRO WATCH CASES. Keystone Watch Case Co., 813 N. 19th St., Philadelphia, Pa.

B. FILLED WATCH CASES.
Bates & Bacon, Attleboro, Mass.
Courvoisier-Wilcox Mfg. Co., Newark, N. J.
Crescent Watch Case Co., Newark, N. J.
Fahys Watch Case Co., Sag Harbor, N. Y.
Globe Watch Case Co., 48 Maiden Lane, New York.
Keystone Watch Case Co., 813 N. 19th St., Phila., Pa.
H. Muhr's Sons, 1110 Chestnut St., Philadelphia, Pa.
S. F. Myers Co., 48 Maiden Lane, New York.
Philadelphia Watch Case Co., Riverside, N. J.
Wadsworth Watch Case Mfg. Co., Newport, Ky.

C. GOLD PLATED WATCH CASES. Philadelphia Watch Case Co., Riverside, N. J.

D. GOLD WATCH CASES.
American Watch Case Co., 11 John St., New York.
Bates & Bacon, Attleboro, Mass.
Courvoisier-Wilcox Mfg. Co., Newark, N. J.
Crescent Watch Case Co., Newark, N. J.
Criterion W. Case Mfg. Co., 171 Wallabout St., Bklyn, N. Y.
Dueber Watch Case Mfg. Co., Canton, O.
Duhme Mfg. Co., Cincinnati, O.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
Fahys Watch Case Co., Sag Harbor, N. Y.
P. A. Giannini, 109 Montgomery St., San Francisco, Cal.
Globe Watch Case Co., 48 Maiden Lane, New York.
Hibbard G. Gill, 618 Chestnut St., Philadelphia, Pa.
Illinois Watch Case Co., Elgin, Ill.
Keller & Untermeyer Mfg. Co., 192 Broadway, New York.
Keystone Watch Case Co., 813 N. 19th St., Philadelphia, Pa.
Henry G. Lefort, 60 Arlington St., Newark, N. J.
Margot Bros., 23 Water St., Boston, Mass.
H. Muhr's Sons, 1110 Chestnut St., Philadelphia, Pa.
S. F. Myers Co., 48 Maiden Lane, New York.
Roy Watch Case Co., 56 Pearl St., Brooklyn, N. Y.
Charles Schwitter, 28 Cumberland St., Brooklyn, N. Y.
Andrew K. Shiebler & Son, 21 Maiden Lane, New York.
Solidarity Watch Case Co., 17 Hope St., Brooklyn, N. Y.
Wadsworth Watch Case Mfg. Co., Newport, Ky.
Philadelphia Watch Case Co., Riverside, N. J.

E. NICKEL WATCH CASES.
Crescent Watch Case Co., Newark, N. J.
Fahys Watch Case Co., Sag Harbor, N. Y.
Illinois Watch Case Co., Elgin, Ill.
Keystone Watch Case Co., 813 N. 19th St., Philadelphia, Pa.
H. Muhr's Sons, 146 N. Broad St., Philadelphia, Pa.

F. SILVER WATCH CASES.
Crescent Watch Case Co., Newark, N. J.
Criterion W. Case Mfg. Co., 171 Wallabout St., Bklyn, N. Y.
Fahys Watch Case Co., Sag Harbor, N. Y.
Illinois Watch Case Co., Elgin, Ill.
Keystone Watch Case Co., 813 N. 19th St., Philadelphia, Pa.

280. WATCHES.

American Waltham Watch Co., Waltham, Mass.
Webb C. Ball Co., Cleveland, O.
Elgin National Watch Co., 76 Monroe St., Chicago, Ill.
E. Howard Watch & Clock Co., Washington St., Boston, Mass.
Illinois Watch Co., Springfield, Ill.
Robt. H. Ingersoll & Bro., 163 Washington St., New York.
Keller & Untermeyer Mfg. Co., 192 Broadway, New York.
Manhattan Watch Co., 234 Broadway, New York.
New England Watch Co., Waterbury, Conn.
N. Y. Standard Watch Co., Jersey City, N. J.
Seth Thomas Clock Co., Thomaston, Conn.
Trenton Watch Co., Trenton, N. J.
United States Watch Co., Waltham, Mass.
Waterbury Clock Co., 10 Cortlandt St., New York.

A. BICYCLE WATCHES. New England Watch Co., Waterbury, Conn.

B. CHRONOGRAPH WATCHES.
American Waltham Watch Co., Waltham, Mass.
Manhattan Watch Co., 234 Broadway, New York.

C. NON-MAGNETIC WATCHES.	American Waltham Watch Co., Waltham, Mass. Webb C. Ball Co., Cleveland, O. Waterbury Watch Co., 10 Cortlandt St., New York.
D. SOUVENIR WATCHES.	W. F. Doll Mfg. Co., 9 Maiden Lane, New York.
281. WATCH KEYS.	O. W. Bullock & Co., Springfield, Mass. A. N. Clark & Son, Plainville, Conn. Kendrick & Davis, Lebanon, N. H.
A. DUST PROOF WATCH KEYS.	Kendrick & Davis, Lebanon, N. H.
B. SELF-ADJUSTING WATCH KEYS.	Kendrick & Davis, Lebanon, N. H.
282. WATCH MATERIALS.	Elgin National Watch Co., Chicago, Ill. New Columbus Watch Co., Columbus, O. Standard Turnings Works, Cambridgeport, Mass. Seth Thomas Clock Co., Thomaston, Conn. U. S. Watch Co., Waltham, Mass. Hobart A. Warner, Bristol, Conn. Waterbury Watch Co., 10 Cortlandt St., New York.
A. HAIR SPRINGS.	Hobart A. Warner, Bristol, Conn.
B. STEM WINDING ATTACHMENTS.	Henry Abbott, 2 Maiden Lane, New York.
C. WATCH HANDS.	J. H. Winn & Son, Winchester, Mass.
D. WATCH MOVEMENTS.	W. F. Doll Mfg. Co., 9 Maiden Lane, New York. Elgin National Watch Co., 76 Monroe St., Chicago, Ill. New Columbus Watch Co., Columbus, O.
E. WATCH PUSHERS.	Geo. H. Fuller & Son, Pawtucket, R. I.
F. WATCH SPRINGS.	Washburn & Moen Mfg. Co., Worcester, Mass.

IX. COAL AND COKE.

283. CHARCOAL.	Bayless & Berkalew, Binghamton, N. Y. Binney & Smith, 257 Pearl St., New York. J. S. McCormick Co., Pittsburg, Pa. Edward M. Merrill, 548 W. 25th St., New York. S. Obermayer Co., Cincinnati, O. Otto Chemical Co., Williamsport, Pa. E. F. Walcott & Co., Marlboro, Mass.
A. ANIMAL CHARCOAL.	Binney & Smith, 257 Pearl St., New York.
B. BRASS FOUNDERS' FACING CHARCOAL.	Springfield Facing Co., 33 Hyman St., Springfield, Mass.
C. DRUGGISTS' CHARCOAL.	S. Obermayer Co., Cincinnati, O.
D. FURNACE CHARCOAL.	O. K. Harry Steel Works, St. Louis, Mo.
E. GLASSHOUSE CHARCOAL.	S. Obermayer Co., Cincinnati, O.
F. GROUND CHARCOAL.	S. Obermayer Co., Cincinnati, O. Springfield Facing Co., 33 Hyman St., Springfield, Mass. E. F. Walcott & Co., Marlboro, Mass.
G. POWDERED CHARCOAL.	Binney & Smith, 257 Pearl St., New York. John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.
284. COAL.	
A. ANTHRACITE COAL.	American Coal Co., 1 Broadway, New York. Consolidation Coal Co., Baltimore, Md. Coxe Bros. & Co., Inc., 143 Liberty St., New York. Crescent Coal & Mining Co., Rookery Building, Chicago, Ill. Del., Lackawanna & West. R. R. Co., 26 Exchange Pl., N. Y. Haddock, Shonk & Co., 1 Broadway, New York. Lehigh & Wilkes-Barre Coal Co., 143 Liberty St., New York. Lehigh Valley Coal Co., 228 S. 3d St., Philadelphia, Pa. N. Y., L. E. & Western R. R. Co., 21 Cortlandt, New York. Pennsylvania Coal Co., 1 Broadway, New York. Phila. & Read. Coal & Iron Co., 12th & Market Sts., Phila., Pa. Stickney, Conyngham & Co., 1 Broadway, New York. A. S. Swords & Co., 1 Broadway, New York. Van Wickle & Co., 1 Broadway, New York. Whitney & Kemmerer, Terminal Bldg., Philadelphia, Pa.
B. BITUMINOUS COAL.	Berwind-White Coal Mining Co., Du Bois, Pa. Black, Sheridan & Wilson, Baltimore, Ind. Borden & Lavell, 70 West St., New York. Cambria Mining Co., Cambria, Wyo.

Castner, Curran & Bullitt, 1 Broadway, New York.
Chesapeake & Ohio Coal Agency Co., 1 Broadway, N. Y.
Clearfield Bituminous Coal Corp., 1 Broadway, New York.
Consolidated Coal & Mining Co., Cincinnati, O.
Consolidation Coal Co. of Maryland, Baltimore, Md.
Davis Coal & Coke Co., 1 Broadway, New York.
Fall Brook Coal Co., Corning, N. Y.
Fluhart Coal & Mining Co., Wellston, O.
J. Z. Howard, San Francisco, Cal.
Inter-State Coal & Coke Co., Baltimore, Md.
Irvona Coal Co., 1326 Chestnut St., Philadelphia, Pa.
Island Coal Co., Indianapolis, Ind.
Kettle Creek Coal Mining Co., Williamsport, Pa.
Kilpatrick Bros. & Collins, Cambria, Wyo.
Maryland Coal Co., 35 Broadway, New York.
Montana Coal & Coke Co., Fairmont, W. Va.
Morrisdale Coal Co., 1 Broadway, New York.
Morris Run Coal Mining Co., Corning, N. Y.
New Central Coal Co. of Maryland, 1 Broadway, New York.
New York & Cleveland Gas Coal Co., Pittsburg, Pa.
N. Y., L. E. & Western R. R. Co., 1 Broadway, New York.
Pittsburg Wheeling Coal Co., Cleveland, O.
Rochester & Pittsburg Coal & Iron Co., Rochester, N. Y.
Seattle Coal & Iron Co., Seattle, Wash.
Sunday Creek Coal Co., Columbus, O.
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
Toms Creek Coal & Coke Co., Pulaski, Va.
Westmoreland Coal Co., 224 S. 3d St., Philadelphia, Pa.
Winifrede Coal Co., 218 S. 4th St., Philadelphia, Pa.

C. CANNEL COAL.
Brazil Block Coal Co., Brazil, Ind.
Consolidated Coal & Mining Co., Cincinnati, O.
Southern Ohio Coal Co., Dayton, O.

D. CANNEL COAL, GROUND.
John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

285. COAL BRIQUETTES.
Briquette Coal Co., 38th & Morgan Sts., Chicago, Ill.

286. COKE.
Berwind-White Coal Mining Co., Du Bois, Pa.
Colorado Coal & Iron Co., Denver, Col.
Davis Coal & Coke Co., Piedmont, W. Va.
Despard Gas Coal Co., Baltimore, Md.
Diamond Coal & Coke Co., Diamondville, Wyo.
H. C. Frick Coke Co., Pittsburg, Pa.
Irvona Coal Co., Real Estate Building, Philadelphia, Pa.
Pittsburg Wheeling Coal Co., Cleveland, O.
Pocahontas Coal Co., Roanoke, Va.
W. J. Rainey, Cleveland, O.
Rochester & Pittsburg Coal & Iron Co., Rochester, N. Y.
Solvay Process Co., Syracuse, N. Y.
Standard Coal Co., Birmingham, Ala.
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
Washington Coal & Coke Co., Pittsburg, Pa.
Woodward Iron Co., Woodward, Ala.

X. CONSTRUCTION MATERIALS.

287. ARCHES, CORRUGATED STEEL.
Cincinnati Corrugating Co., Piqua, O.

288. ARCHITECTURAL BRASS WORK.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Grand Rapids Brass Co., Grand Rapids, Mich.
J. & B. Lamb, 59 Carmine St., New York.
Manhattan Brass Co., 338 E. 28th St., New York.

289. ARCHITECTURAL IRON WORK.
Addyston Pipe & Steel Co., 3d & Walnut Sts., Cincinnati, O.
Bartlett, Hayward & Co., Baltimore, Md.
Berlin Iron Bridge Co., East Berlin, Mass.
Champion Iron Co., Kenton, O.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
Chickasaw Iron Works, Memphis, Tenn.

J. B. & J. M. Cornell, 143 Centre St., New York.
S. J. Cresswell Iron Works, N. 23d & Cherry Sts., Phila., Pa.
Davenport Foundry & Machine Co., Davenport, Iowa.
Donovan Wire & Iron Works, Toledo, O.
Emporia Foundry & Machine Works, Emporia, Kan.
Ft. Scott Foundry & Machine Co., Ft. Scott, Kan.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Josh Hendy Mach. Wks., 39 Tremont St., San Francisco, Cal.
Howard & Moss, 45 Fulton St., New York.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Wm. Kehoe & Co., Savannah, Ga.
J. & R. Lamb, 59 Carmine St., New York.
Lincoln Iron Works, Boonton, N. J.
Lombard Iron Works & Supply Co., Augusta, Ga.
Michael Mahoney, Troy, N. Y.
Novelty Iron Works, 3120 Market St., Philadelphia, Pa.
Passaic Rolling Mill Co., Paterson, N. J.
Paxton & Vierling Iron Works, Omaha, Neb.
Pittsburg Bridge Co., Pittsburg, Pa.
Progress Mfg. Co., Meridan, Miss.
Rogers Iron Co., Springfield, O.
Shannon Mfg. Co., 11th & Catharine Sts., Philadelphia, Pa.
Southern Engine & Boiler Works, Jackson, Tenn.
Variety Iron Works, York, Pa.
Vulcan Iron Works, Wilkesbarre, Pa.
Walton Iron Co., 524 E. 5th St., Cincinnati, O.

290. ARCHITECTURAL SHEET METAL WORK.

Cincinnati Corrugating Co., Piqua, O.
Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.
J. & R. Lamb, 59 Carmine St., New York.
W. H. Mullins, Salem, O.
Wheeling Corrugating Co., 81 Fulton St., New York.

291. ARCHITECTURAL STEEL WORK.

Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Lombard Iron Works & Supply Co., Augusta, Ga.
Pennsylvania Steel Co., Steelton, Pa.
Pittsburg Bridge Co., Pittsburg, Pa.
A. K. Rarig Engineering & Equipment Co., Columbus, O.

A. ANGLE STEEL SUB-STRUCTURES. Flint & Walling Mfg. Co., Kendallville, Ind.

292. ARCHITECTURAL WIRE WORK.

Howard & Morse, 45 Fulton St., New York.

293. ARCHITECTURAL WOOD WORK.

A. H. Davenport, 96 Washington St., Boston, Mass.
Jackson & Sharp Co., Wilmington, Del.
J. & R. Lamb, 59 Carmine St., New York.

A. ARCHITECTURAL CABINET WOODWORK. Joseph J. Churchyard's Sons, Buffalo, N. Y.

B. INTERIOR WOODWORK. Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
Henry Cutting, Buffalo, N. Y.
Jackson & Sharp Co., Wilmington, Del.

C. PLUMBERS' WOODWORK. Burlington Venetian Blind Co., Burlington, Vt.
Bruck & Sherwood Mfg. Co., Detroit, Mich.

D. SCROLL SAWED WORK. Variety Works Co., Dawson, Ga.

E. TRIMMED WOODWORK. Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga.

F. WOOD HOUSE FINISH. Champlain Mfg. Co., Burlington, Vt.
Excelsior Redwood Co., Channel & 4th, San Francisco, Cal.
Farlay & Loetscher Mfg. Co., Dubuque, Iowa.
Laird Norton Co., Winona, Minn.
Muscatine Sash-Door Co., Muscatine, Iowa.
Winona Lumber Co., Winona, Minn.

G. WOOD SUBSTRUCTURES. Flint & Walling Mfg. Co., Kendallville, Ind.

294. BALCONIES, IRON.

J. E. Bolles Iron & Wire Works, Detroit, Mich.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
J. W. Fiske, 39 Park Place, New York.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Van Dorn Iron Works Co., Cleveland, O.

295. BALUSTERS.

Novelty Wood Works, Union City, Pa.
A. Roberson & Son, Binghamton, N. Y. *27
Smith Woodwork Co., 312 E. 95th St., New York.
Southern Pine Co. of Georgia, Savannah, Ga.
W. C. Stiles, Warren, O.
Willer Mfg. Co., Milwaukee, Wis.
Wilson & Bros., Inc., San Francisco, Cal.

A. TWISTED STAIR BALUSTERS.	Ohio Scroll & Lumber Co., Covington, Ky.
296. BALUSTRADES.	Geo. Fischer & Bro., 209 Forsyth St., New York.
	Huttig Sash & Door Co., Dock & Main Sts., St. Louis, Mo.
	Morgan Iron Works, Spartanburg, S. C.
	Murphy & Diebold, Pittsburg, Pa.
297. BLINDS.	Champlain Mfg. Co., Burlington, Vt.
	Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
	Cream City Sash & Door Co., Milwaukee, Wis.
	Curtis Bros. & Co., Inc., Clinton, Iowa.
	Enochs Lumber & Mfg. Co., Jackson, Miss.
	Hall & Munson Co., Bay Mills, Mich. *4
	I. X. L. & Goshen Pump Co., Goshen, Ind.
	Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga.
	Mathews Bros., Belfast, Me.
	Morgan Iron Works, Spartanburg, S. C.
	F. A. Requarth Co., Dayton, O.
	A. Schrafft, Newark, N. J.
	Winona Lumber Co., Winona, Minn.
A. BLIND SLATS.	Arthur F. Tyler, Athol, Mass.
B. CAR & TRAIN BLINDS.	E. T. Burrowes Co., Portland, Me.
C. FOLDING BLINDS.	Willer Mfg. Co., Milwaukee, Wis.
D. INSIDE BLINDS.	A. J. Griffin, Cohoes, N. Y.
	Hafner-Lothman Mfg. Co., Dock & Main Sts., St. Louis, Mo.
	Philip Hiss Co., Baltimore, Md.
	Lee, Holland & Co., Buffalo, N. Y.
	McConnell Mfg. Co., Hornersville, N. Y.
	Muscatine Sash-Door Co., Muscatine, Iowa.
	Paine Lumber Co., Oshkosh, Wis.
	A. Roberson & Son, Binghamton, N. Y. *27
	Stewart Hartshorn Co., E. Newark, N. J.
	Arthur F. Tyler, Athol, Mass.
	Willer Mfg. Co., Milwaukee, Wis.
E. OUTSIDE BLINDS.	Bardwell-Robinson Co., Minneapolis, Minn.
	Bohn Mfg. Co., St. Paul, Minn.
	Chas. Boller & Sons, Buffalo, N. Y.
	W. P. Brewer, Birmingham, Ala.
	Brinkley Car Works & Mfg. Co., Brinkley, Ark.
	Carr Ryder & Adams Co., Dubuque, Iowa.
	Clough & Hurd, Minneapolis, Minn.
	M. A. Disbrow & Co., Inc., Omaha, Neb.
	Farley & Loetscher Mfg. Co., Dubuque, Iowa.
	Gould Mfg. Co., Oshkosh, Wis.
	A. J. Griffin, Cohoes, N. Y.
	Hafner-Lothman Mfg. Co., St. Louis, Mo.
	S. Heyser & Sons, Jackson, Mich.
	Huttig Bros. Mfg. Co., Muscatine, Iowa.
	Huttig Sash & Door Co., Dock & Main Sts., St. Louis, Mo.
	Laird-Norton Co., Winona, Minn.
	McConnell Mfg. Co., Hornersville, N. Y.
	Wm. B. Mershon & Co., East Saginaw, Mich.
	Murphy & Diebold, Pittsburg, Pa.
	Muscatine Sash-Door Co., Muscatine, Iowa.
	Newton Lumber Co., Pueblo, Col.
	Paine Lumber Co., Oshkosh, Wis.
	Palmer, Fuller & Co., Inc., W. 22d & S. Union Sts., Chic., Ill.
	Park, Winton & True, Addison, N. Y.
	Radford Bros. & Co., Oshkosh, Wis.
	Ramos Lumber & Mfg. Co., Ltd., Ramos, La.
	A. Roberson & Son, Binghamton, N. Y. *27
	E. L. Roberts & Co., W. 22d & Union Place, Chicago, Ill.
	Rock Island Lumber & Mfg. Co., Rock Island, Ill.
	Smith Woodwork Co., 312 E. 95th St., New York.
	Smith & Wyman, Minneapolis. Minn.
	Swain & Hudson, Marysville, Cal.
	Arthur F. Tyler, Athol, Mass.
	W. J. Whitehurst, Richmond, Va.
	Williams & Hunting Co., Cedar Rapids, Iowa.
F. SLIDING BLINDS.	Burlington Venetian Blind Co., Burlington, Vt.
	McConnell Mfg. Co., Hornersville, N. Y.
	A. Robertson & Son, Binghamton, N. Y. *27
	Willer Mfg. Co., Milwaukee, Wis.
G. VENETIAN BLINDS.	Albany Venetian Blind Co., Albany, N. Y.
	Bostwick & Burgess Mfg. Co., Norwalk, O.
	Burlington Venetian Blind Co., Burlington, Vt.
	Arthur F. Tyler, Athol, Mass.

Willer Mfg. Co., Milwaukee, Wis.
Jas. G. Wilson, 74 W. 23d St., New York.

298. BRACKETS.

A. IRON BALCONY BRACKETS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Champion Iron Co., Kenton, O.
Dickson Mfg. Co., Scranton, Pa.
Thomas Dimond, 128 W. 33d St., New York.
J. W. Fiske, 39 Park Place, New York.
Vulcan Iron Works, Wilkesbarre, Pa.

B. RAFTER BRACKETS.

Racine Malleable & Wrought Iron Co., Racine, Wis.

C. WOODEN BRACKETS.

W. P. Brewer, Birmingham, Ala.
Gould Mfg. Co., Oshkosh, Wis.
Muscatine Sash-Door Co., Muscatine, Iowa.
A. Roberson & Son, Binghamton, N. Y. *27
Sherman & Flavin, 2505 State St., Chicago, Ill.
St. Louis Mfg. Co., Mullanphy, cor. 10th St., St. Louis, Mo.

299. BRICK.

Aldridge Bros. & Co., Dutchess Junction, N. Y.
B. J. Allison & Co., Haverstraw, N. Y.
Alsip Brick Co., 138 Washington St., Chicago, Ill.
H. W. Classen & Co., Baltimore, Md.
Columbus Brick & Terra Cotta Co., Columbus, O.
Equitable Brick Mfg. Co., Pine St., Philadelphia, Pa.
Evansville Pressed Brick Co., Evansville, Ind.
Fernwood Lumber Co., Fernwood, Miss.
Fisher's Island Brick Mfg. Co., New London, Conn.
D. Fowler, Jr., & Co., Haverstraw, N. Y.
Gainesville Pressed Brick Co., Gainesville, Tex.
Goodland Tile Co., Goodland, Ind.
Hampden Brick Works, Springfield, Mass.
Jarden Brick Co., 26th St., Philadelphia, Pa.
Louisville Drain Tile Co., Bishof, Ky.
Mackey Brick & Tile Mfg. Co., San Antonio, Tex.
Mehrhof Brick Co., Little Ferry, N. J.
Ogden Brick Co., Binghamton, N. Y.
Patent Brick Co., San Francisco, Cal.
J. W. Paxson Co., 1021 N. Delaware Av., Philadelphia, Pa.
Peerless Brick Co., 24 S. 7th St., Philadelphia, Pa.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Sayre & Fisher Co., Sayreville, N. J.
Summerville Brick Works, Summerville, S. C.
Tennessee Brick Co., Memphis, Tenn.
U. S. Encaustic Tile Works, Indianapolis, Ind.
M. D. Valentine & Bros., Woodbridge, N. J.

A. CEMENT BRICK.

White Marble Lime Co., Manistique, Mich.

B. ENAMELLED BRICK.

Birmingham Fire Brick Works, Birmingham, Ala.
Hydraulic Pressed Bk. Co., Union Trust Bldg., St. Louis, Mo.
Merrimac Ceramic Co., Newburyport, Mass.
Somerset Enamel Brick Co., Somerset, Mass.
Tiffany Pressed Brick Co., Baltimore, Md.

C. GLAZED BRICK.

Dixon-Woods Co., 30th & Jane Sts., Pittsburg, Pa.

D. HOLLOW BRICK.

C. W. Boynton, Sewaren, N. J.
Henry Maurer & Son, Inc., 420 E. 23d St., New York.
Montague & Co., Chattanooga, Tenn.
Pioneer Fireproof Construction Co., Ottawa, Ill.

E. ORNAMENTAL BRICK.

H. O. Burch & Co., New London, Conn.
Burns, Russell & Co., Baltimore, Md.
Chi. Hyd. P. B. Co., Chamber of Com. Bldg., Chicago, Ill.
Eastern Hydraulic Press Brick Co., Winslow, N. J.
Findlay Hydraulic Press Brick Co., Findlay, O.
Glens Falls Terra Cotta & Brick Co., Glens Falls, N. Y.
Harbison & Walker Co., Pittsburg, Pa.
Hydraulic Press Brick Co., St. Louis, Mo.
Kansas City Hydraulic Press Brick Co., Kansas City, Mo.
La Salle Pressed Brick Co., La Salle, Ill.
Omaha Hydraulic Press Brick Co., Omaha, Neb.
Peerless Brick Co., 24 S. 7th St., Philadelphia, Pa.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
Powhatan Clay Mfg. Co., Richmond, Va.
Union Press Brick Works, St. Louis, Mo.
N. U. Walker Clay Mfg. Co., Walkers, O.
Washington Hydraulic Press Brick Co., Washington, D. C.

F. POROUS BRICK.

C. W. Boynton, Sewaren, N. J.

G. PRESSED BRICK.

Birmingham Fire Brick Works, Birmingham, Ala.
H. O. Burch & Co., New London, Conn.

Burns, Russell & Co., Baltimore, Md.
Chicago Hyd. P. B. Co., Chamber of Com. Bldg., Chicago, Ill.
Eastern Hydraulic Press Brick Co., Winslow, N. J.
Findlay Hydraulic Press Brick Co., Findlay, O.
Gladding McBean & Co., Lincoln, Cal.
Glens Falls Terra Cotta Brick Co., Glens Falls, N. Y.
Hydraulic Press Brick Co., Union Trust Bldg., St. Louis, Mo.
Kansas City Hydraulic Press Brick Co., Kansas City, Mo.
La Salle Pressed Brick Co., La Salle, Ill.
Omaha Hydraulic Press Brick Co., Omaha, Neb.
Peerless Brick Co., 24 S. 7th St., Philadelphia, Pa.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
Staten Island Clay Co., Woodbridge, N. J.
Union Press Brick Works, St. Louis, Mo.
Washington Hydraulic Press Brick Co., Washington, D. C.
Welch, Glouinger & Co., Hamilton Bldg., Pittsburg, Pa.

H. ROMAN BRICK.
Manown Mfg. Co., Park Bldg., Pittsburg, Pa.

I. SAND BRICK.
Stuart Fire Brick Co., Conestoga Bldg., Pittsburg, Pa.

J. SEWER BRICK.
Equitable Brick Mfg. Co., 60th & Pine Sts., Phila., Pa.
Fisher's Island Brick Mfg. Co., New London, Conn.

K. STREET PAVING BRICK.
Birmingham Fire Brick Works, Birmingham, Ala.
Park Fire Clay Co., Rochester, Pa.
Summerville Brick Works, Summerville, S. C.

L. TERRA-COTTA BRICK.
H. O. Burch & Co., New London, Conn.
Reading Terra Cotta & Stove Lining Works, Reading, Pa.

M. VITRIFIED STREET PAVING BRICK.
Terre Haute Brick & Pipe Co., Terre Haute, Ind.

300. BRIDGE FOUNDATIONS.
Iron Substructure Co., Columbus, O.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.

301. BRIDGES.
A. DRAW BRIDGES.
Rarig Engineering Co., Columbus, O.

B. IRON & STEEL BRIDGES.
Berlin Iron Bridge Co., E. Berlin, Conn.
California Bridge Co., San Francisco, Cal.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Chicago Forge & Bolt Co., 40th St., Chicago, Ill.
Detroit Bridge & Iron Works, Detroit, Mich.
Edge Moor Iron Co., Wilmington, Del.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Kansas City Bridge Co., Kansas City, Mo.
King Bridge Co., Cleveland, O.
Lassig Bridge & Iron Works, Inc., 707 The Rookery, Chi., Ill.
Lombard Iron Works & Supply Co., Augusta, Ga.
New Jersey Steel & Iron Co., Trenton, N. J.
Passaic Rolling Mill Co., Paterson, N. J.
Pennsylvania Bridge Co., Beaver Falls, Pa.
Pennsylvania Steel Co., Steelton, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Pittsburg Bridge Co., Pittsburg, Pa.
Portland Co., Portland, Me.
Riter-Conly Co., Pittsburg, Pa.
Rogers Iron Co., Springfield, O.
Shiffler Bridge Co., Pittsburg, Pa.
Stow Flexible Shaft Co., 26th & Callowhill Sts., Phila., Pa.
Wolff & Zwicker Iron Works, Portland, Ore.

C. RAILROAD BRIDGES.
Ohio Machine Co., Middleport, O.
Rarig Engineering Co., Columbus, O.

D. SUSPENSION BRIDGES.
Jno. A. Roebling's Sons, 117 Liberty St., New York.

E. TURNPIKE BRIDGES.
Rarig Engineering Co., Columbus, O.

F. WOODEN BRIDGES.
Portland Co., Portland, Me.

302. BRIDLE IRONS.
J. F. Bolles Iron & Wire Works, Detroit, Mich.
Thos. Dimond, 128 W. 33d St., New York.
Healey Iron Works, 602 Driggs Av., Brooklyn, N. Y.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Lincoln Iron Works, Boonton, N. J.

303. BUILDING ANCHORS.
Lincoln Iron Works, Boonton, N. J.

304. BUILDING FRAMES, IRON.
J. B. & J. M. Cornell, 143 Centre St., New York.
Ft. Worth Iron Works, Ft. Worth, Tex.
Garry Iron Steel Roofing Co., 152 Merwin St., Cleveland, O.

305. BUILDING FRONTS, IRON.
Chickasaw Iron Works, Memphis, Tenn.
J. B. & J. M. Cornell, 143 Centre St., New York.
Dickson Mfg. Co., Scranton, Pa.
Thos. Dimond, 128 W. 33d St., New York.

Ft. Worth Iron Works, Ft. Worth, Tex.
Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Mansfield Machine Works, Mansfield, O.
Mesker & Bros., 421 S. 6th St., St. Louis, Mo.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.
Vulcan Iron Works, Wilkesbarre, Pa.

A. STORE FRONTS.
S. B. Althause & Co., 101 Thompson St., New York.
Chickasaw Iron Works, Memphis, Tenn.
Christopher & Simpson Arch. Iron & Foun. Co., St. Louis, Mo.
J. B. & J. M. Cornell, 143 Centre St., New York.
Globe Iron Works, 35 Indiana St., Chicago, Ill.
Paxton & Vierling Iron Works, Omaha, Neb.
Vulcan Iron Works, Wilkesbarre, Pa.
Wheeler Foundry Co., Worcester, Mass.

306. BUILDINGS, IRON.
Berlin Iron Bridge Co., E. Berlin, Conn.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
J. B. & J. M. Cornell, 143 Centre St., New York.
Thos. Dimond, 128 W. 33d St., New York.
Garry Iron & Steel Roofing Co., 152 Merwin St., Cleveland, O.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
Pennsylvania Steel Co., Steelton, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Pittsburg Bridge Co., 38th St., Pittsburg, Pa.
Riter-Conly Co., Pittsburg, Pa.
Variety Iron Works, York, Pa.
Vulcan Iron Works, Wilkesbarre, Pa.

A. IRON ENGINE HOUSES.
Riter-Conly Co., Pittsburg, Pa.

B. IRON RAILWAY STATIONS.
Pennsylvania Steel Co., Steelton, Pa.

C. IRON TRAIN SHEDS.
Pennsylvania Steel Co., Steelton, Pa.

307. BUILDINGS, STEEL.
Berlin Iron Bridge Co., E. Berlin, Conn.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Krajewski, Pesant & Co., 35 Broadway, New York. *18
Pennsylvania Steel Co., Steelton, Pa.
Shiffler Bridge Co., Pittsburg, Pa.

A. SMELTER BUILDINGS.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.

B. SUGAR REFINERY BUILDINGS, STEEL.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.

308. BUILDING TRIMMINGS, IRON.
J. S. Thorn Co., 1223 Callowhill St., Philadelphia, Pa.

309. CAISSONS.
Riter-Conly Co., Pittsburg, Pa.

310. CEILING.

A. BEAD CEILING.
Doud Sons & Co., Winona, Minn.

B. CEILING BASES & CASINGS.
Wisconsin Land & Lumber Co., Hermansville, Mich.

C. CEILING PLATES.
Illinois Malleable Iron Co., W. Monroe St., Chicago, Ill.

D. CORRUGATED CEILING.
Aetna Standard Iron & Steel Co., Bridgeport, O.
Cincinnati Corrugating Co., Piqua, O.
Hyndman Steel Roofing Co., 318 E. 2d St., Cincinnati, O.
Wheeling Corrugating Co., 81 Fulton St., New York.

E. EMBOSSED STEEL CEILING.
Wheeling Corrugating Co., 81 Fulton St., New York.

F. METAL CEILING.
Bergen Mfg. Co., Canton, O.
Caldwell & Peterson Mfg. Co., Inc., Wheeling, W. Va.
Canton Steel Roofing Co., Canton, O.
Cortright Metal Roofing Co., 50 N. 23d St., Philadelphia, Pa.
Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.
Garry Iron & Steel Roofing Co., Cleveland, O.
Mesker & Bro., 42 S. 6th St., St. Louis, Mo.
Wheeling Corrugating Co., 81 Fulton St., New York.

G. PARQUET CEILING.
E. B. Moore & Co., 48 Randolph St., Chicago, Ill.

H. STEEL CEILING.
O. K. Harry Steel Works, St. Louis, Mo.
Kinnear-Gager Co., Columbus, O.
Ornamental Stamping Works, Grand Rapids, Mich.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.

I. TERRA-COTTA CEILING.
Reading Terra Cotta & Stove Lining Works, Reading, Pa.

J. YELLOW PINE CEILING.
Bradley-Ramsay Lumber Co., Lake Charles, La.
Southern Pine Co. of Georgia, Savannah, Ga.
Texas Tram & Lumber Co., Beaumont, Tex.

311. CEMENT.
Buffalo Cement Co., Ltd., 110 Mankin St., Buffalo, N. Y.
Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
Geo. H. Henchman, Galveston, Tex.
Maryland Lime & Cement Co., Baltimore, Md.
Milwaukee Cement Co., Milwaukee, Wis.
C. A. Moross & Co., Chattanooga, Tenn.

	Newark Lime & Cement Mfg. Co., Newark, N. J.
	New York Cement Co., Lefever Falls, N. Y.
	Union Akron Cement Co., Buffalo, N. Y.
A. ASBESTOS CEMENT.	Chicago Fire Proof Covering Co., Chicago, Ill.
	H. W. Johns Mfg. Co., 100 William St., New York.
	John A. McConnell & Co., Pittsburg, Pa.
	N. Y. Fire Proof Covering Co., 36 Cortlandt St., New York.
	H. F. Watson & Co., Erie, Pa.
	York Chemical Co., York, Pa.
B. CHANNEL CEMENT.	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
C. HYDRAULIC CEMENT.	Anniston Lime & Stone Co., New Orleans, La.
	Henry Cowell & Co., San Francisco, Cal.
	Cumberland Hydraulic Cement & Mfg. Co., Cumberland, Md.
	Lawrenceville Cement Co., 26 Cortlandt St., New York.
	N. Y. Cement Co., Lefever Falls, N. Y.
	N. Y. & Rosendale Cement Co., 280 Broadway, New York.
	F. O. Norton Cement Co., 92 Broadway, New York.
	S. Obermayer Co., Cincinnati, O.
D. MARBLE CUTTERS' CEMENT.	Chamberlin & Johnson, 74 Spring Garden Av., Allegheny, Pa.
E. NATURAL CEMENT.	American Cement Co., 22 S. 15th St., Philadelphia, Pa.
F. PORTLAND CEMENT.	American Cement Co., Egypt, Pa.
	American Cement Co., 22 S. 15th St., Philadelphia, Pa.
	Buffalo Cement Co., Ltd., 110 Mankin St., Buffalo, N. Y.
	Castalia Portland Cement Co., Pittsburg, Pa.
G. ROOFING CEMENT.	Philip Carey Mfg. Co., Lockland, O.
	Garry Iron & Steel Roofing Co., Cleveland, O.
	Hart Mfg. Co., Troy, N. Y.
	H. W. Johns Mfg. Co., 100 William St., New York.
	N. Y. Roofing Co., 437 E. 23d St., New York.
	H. F. Watson Co., Erie, Pa.
	Wheeling Corrugating Co., 81 Fulton St., New York.
	C. A. Woolsey Paint & Color Co., Jersey City, N. J.
H. ROOFING CEMENT, ELASTIC.	U. S. Gutta Percha Paint Co., Providence, R. I.
	W. F. Webster Cement Co., Cambridgeport, Mass.

312. CEMETERY SUPPLIES.

A. CEMETERY ARCHES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
B. CEMETERY FENCES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Ellis & Helfenberger, Indianapolis, Ind.
C. CEMETERY GATES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
D. CEMETERY LOT FENCES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. CEMETERY RAILINGS.	Champion Iron Co., Kenton, O.
	J. W. Fiske, 39 Park Place, New York.
	Howard & Morse, 45 Fulton St., New York.
	Fred. J. Meyer's Mfg. Co., Hamilton, O.
F. CEMETERY VASES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
G. CEMETERY VAULT DOORS.	Mosler Safe Co., Hamilton, O.
	Van Dorn Iron Works Co., Cleveland, O.
H. CEMETERY VAULT GATES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
I. CROSSES, CAST IRON, ENAMELLED.	Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
J. GRAVE BORDERS.	J. W. Fiske, 39 Park Place, New York.
K. GRAVE COVERS, SLATE.	E. Bangor Consolidated Slate Co., E. Bangor, Pa.
	Monson-Burmah Slate Co., Portland, Me.
	Old Bangor Slate Co., Bethlehem, Pa.
L. GRAVE GUARDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	E. T. Barnum, Detroit, Mich.
M. GRAVE MARKERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
N. GRAVE TABLETS.	J. W. Fiske, 39 Park Place, New York.
O. GRAVE VAULTS, STONE.	Armstrong Grave Vault Co., Springfield, O.
	Cleveland Stone Co., Cleveland, O.
	Monson-Burmah Slate Co., Portland, Me.
P. MONUMENTS.	Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
	J. & R. Lamb, 59 Carmine St., New York.
	Maine Red Granite Co., Red Beach, Me.
	New England Monument Co., 1321 Broadway, New York.
	Phila. White Bronze Mon. Co., 23 S. 17th St., Philadelphia, Pa.
Q. TOMBS, WHITE BRONZE.	Phila. White Bronze Mon. Co., 23 S. 17th St., Philadelphia, Pa.
R. VAULT WORK, SLATE.	E. Bangor Consolidated Slate Co., E. Bangor, Pa.

313. CHIMNEYS.

A. CHIMNEY CAPS.	Monson-Burmah Slate Co., Portland, Me.
	Pancoast Ventilator Co., Inc., 316 Bourse Bldg., Phila., Pa.
B. CHIMNEY FITTINGS.	Gladding, McBean & Co., Lincoln, Cal.
C. CHIMNEY FLUE LININGS.	Calumet Fire Clay Co., Calumet, O.
	Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
	Delaware Terra Cotta Co., Wilmington, Del.

John Francy's Sons & Co., Toronto, O.
Haydenville Mining & Mfg. Co., Haydenville, O.
Iowa Pipe & Tile Co., Des Moines, Iowa.
Montague & Co., Chattanooga, Tenn.
Pioneer Fireproof Construction Co., Ottawa, Ill.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Pomona Terra Cotta Co., Pomona, N. C.
Robinson Bros. & Co., Akron, O.

D. CHIMNEY FLUE PIPE, TERRA-COTTA. — Pomona Terra Cotta Co., Pomona, N. C.

E. CHIMNEY FLUES. — Calumet Fire Clay Co., Calumet, O.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Riter-Conly Co., Pittsburg, Pa.
N. U. Walker Clay Mfg. Co., Walkers, O.

F. CHIMNEY PIPES. — Gladding, McBean & Co., Lincoln, Cal.
Harvey, Moland & Co., 620 Arch St., Philadelphia, Pa.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Harry Thompson, Cuyahoga Falls, O.

G. CHIMNEY PIPES, TERRA-COTTA. — Pacific Clay Mfg. Co., Los Angeles, Cal.

H. CHIMNEYS, IRON. — Birmingham Boiler Works, Birmingham, Ala.
Bridgeport Boiler Works, Bridgeport, Conn.

I. CHIMNEYS, STEEL. — Lombard Iron Works & Supply Co., Augusta, Ga.

J. CHIMNEY TOPS. — H. O. Burch & Co., New London, Conn.
Calumet Fire Clay Co., Calumet, O.
Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
Jno. Francy's Sons & Co., Toronto, O.
Hess, Snyder & Co., Massillon, O.
Montague & Co., Chattanooga, Tenn.
Munnesville Plow Co., Munnesville, N. Y.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Robinson Bros. & Co., Akron, O.

K. CHIMNEY TOPS, REVOLVING. — Hess, Snyder & Co., Massillon, O.
Iwan Bros., Streator, Ill.
Powers Bros., Streator, Ill.

314. COAL HOLE COVERS. — Chickasaw Iron Works, Memphis, Tenn.
J. W. Fiske, 39 Park Place, New York.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Fred. J. Meyers Mfg. Co., Hamilton, O.

315. COLUMNS.

A. IRON COLUMNS. — Addyston Pipe & Steel Co., Cincinnati, O.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
Champion Iron Co., Kenton, O.
Chickasaw Iron Works, Memphis, Tenn.
J. B. & J. M. Cornell, 143 Centre St., New York.
S. J. Creswell Iron Works, N. 23d & Cherry Sts., Phila., Pa.
Dearborn Foundry Co., 1525 Dearborn St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Thos. Dimond, 128 W. 33d St., New York.
Emporia Foundry & Machine Works, Emporia, Kan.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Lombard Iron Works & Supply Co., Augusta, Ga.
Duncan Mackenzie, Trenton, N. J.
Mansfield Machine Works, Mansfield, O.
Novelty Iron Works, 3120-30 Market St., Philadelphia, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Pittsburg Bridge Co., 38th St., Pittsburg, Pa.
Snead & Co., Iron Works, Inc., Louisville, Ky.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Variety Iron Works, York, Pa.
Vulcan Iron Works, Wilbesbarre, Pa.

B. LATTICE COLUMNS. — Riter-Conly Co., Pittsburg, Pa.

C. PORCH COLUMNS. — Curtis Bros. & Co., Clinton, Iowa.

D. SLATE TURNED COLUMNS. — E. Bangor Consolidated Slate Co., E. Bangor, Pa.

E. STEEL COLUMNS. — Berlin Iron Bridge Co., E. Berlin, Conn.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Shiffler Bridge Co., Pittsburg, Pa.

F. STONE COLUMNS. — Maine Red Granite Co., Red Beach, Me.

316. CONSERVATORIES. — Lord & Burnham Co., Irvington-on-Hudson, N. Y.

A. GREENHOUSE MATERIALS. — Lord & Burnham Co., Irvington-on-Hudson, N. Y.

317. COPING.

A. METAL COPING. — Cincinnati Corrugating Co., Piqua, O.
Cortright Metal Roofing Co., 50 N. 23d St., Phila., Pa.

B. STONE COPING.
H. O. Burch & Co., New London, Conn.
F. G. Clark Bluestone Co., Oxford, N. Y.
Robinson, Gill & Sons, Ft. E. 106 St., New York.
M. C. Henry & Co., 405 E. 104th St., New York.
Malone Stone Co., Cleveland, O.

C. TERRA-COTTA COPING.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
Reading Terra Cotta & Stove Lining Works, Reading, Pa.
Harry Thompson, Cuyahoga Falls, O.

D. WALL COPING.
Haydenville Mining Mfg. Co., Haydenville, O.
Robinson Bros. Co., Akron, O.

318. CORNICES.
N. O. Roofing & Metal Works, Lafayette St., N. Orleans, La.

A. COPPER CORNICES.
Arch. Steel Metal Works, 435 E. 144th St., New York.
Bay State Metal Works, Cambridgeport, Mass.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
S. D. Hicks & Son, 65 Merrimac St., Boston, Mass.
Mesker & Bros., 421 S. 6th St., St. Louis, Mo.
Thomas Phillips Co., Providence, R. I.
E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.

B. GALVANIZED IRON CORNICES.
E. B. Badger & Sons, 166 Devonshire St., Boston, Mass.
Bartlett, Hayward & Co., Baltimore, Md.
Bay State Metal Works, Cambridgeport, Mass.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
Geo. Fisher Bros., 209 Forsyth St., New York.
Forderer Cornice Works, San Francisco, Cal.
S. D. Hicks & Son, 65 Merrimac St., Boston, Mass.
Mesker & Bro., 421 S. 6th St., St. Louis, Mo.
W. H. Mullins, Salem, O.
Rasner & Dinger, Pittsburg, Pa.
Scribner-Libby Co., St. Paul, Minn.
E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.
Wheeling Corrugating Co., 81 Fulton St., New York.
Witt & Brown, 144 W. 3d St., Cincinnati, O.

C. IRON CORNICES.
Bergen Mfg. Co., Canton, O.
J. B. & J. M. Cornell, 143 Centre St., New York.
Gara, McGinley & Co., 23 S.17th St., Philadelphia, Pa.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Mesker & Bro., 421 S. 6th St., St. Louis, Mo.
Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
W. H. Mullins, Salem, O.
Shackleton Bros., Cleveland, O.
E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.

D. WINDOW CORNICES.
Blanck & Co., 16 Horatio St., New York.
Reuhl Moulding Mfg. Co., 294 Main St., Cincinnati, O.

E. WOOD CORNICES.
Hall & Garrison, 1136 Washington Av., Philadelphia, Pa.
John Moore, Syracuse, N. Y.

319. DEADENING FELT.
H. F. Watsons Co., Erie, Pa.

320. DOOR & WINDOW FRAMES.
Am. Pat. Portable House Mfg. Co., Corono, N. Y.
W. P. Brewer, Birmingham, Ala.
Gould Mfg. Co., Oshkosh, Wis.
A. J. Griffin, Cohoes, N. Y.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
Hall & Munson Co., Bay Mills, Mich. *4
Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga.
McConnell Mfg. Co., Hornersville, N. Y.
Muscatine Sash-Door Co., Muscatine, Iowa.
Philibert & Johanning Mfg. Co., Market St., St. Louis, Mo.
Ramos Lumber & Mfg. Co., Ltd., Ramos, La.
A. Roberson & Son, Binghamton, N. Y. *27
E. L. Roberts & Co., W. 22d & S. Union Sts., Chicago, Ill.
St. Louis Mfg. Co., Mullanphy, cor. 10th St., St. Louis, Mo.
A. Schrafft, Newark, N. J.
J. Gibb Smith & Co., New Haven, Conn.
Smith & Wyman, Minneapolis, Minn.
Swain & Hudson, Marysville, Cal.
Arthur F. Tyler, Athol, Mass.
Verdi Mill Co., Verdi, Nev.

321. DOOR & WINDOW SCREEN FRAMES.
John W. Boughton, 1413 Chestnut St., Philadelphia, Pa.
A. J. Griffin, Cohoes, N. Y.
Willer Mfg. Co., Milwaukee, Wis.

322. DOOR & WINDOW SILLS.

A. IRON DOOR & WINDOW SILLS.
Berlin Iron Bridge Co., E. Berlin, Conn.
Champion Iron Co., Kenton, O.
J. B. & J. M. Cornell, 143 Centre St., New York.

Emporia Foundry & Machine Works, Emporia, Kan.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Van Dorn Iron Works Co., Cleveland, O.
Vulcan Iron Works, Wilkesbarre, Pa.

B. STONE DOOR & WINDOW SILLS.

F. G. Clark Blue Stone Co., Oxford, N. Y.
Thos. J. Dunn, 444 E. 68th St., New York.
Warsaw Blue Stone Co., Warsaw, N. Y.

323. DOORS.

Bardwell Robinson Co., Minneapolis, Minn.
Bohn Mfg. Co., St. Paul, Minn.
Chas. Boller & Sons, Buffalo, N. Y.
Bradley & Currier Co., 119 W. 23d St., New York.
W. P. Brewer, Birmingham, Ala.
Carr, Ryder & Adams Co., Dubuque, Iowa.
Champlain Mfg. Co., Burlington, Vt.
Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
Clough & Hurd, Minneapolis, Minn.
Cream City Sash & Door Co., Milwaukee, Wis.
Curtis Bros. & Co., Inc., Clinton, Iowa.
M. A. Disbrow & Co., Inc., Omaha, Neb.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Excelsior Redwood Co., San Francisco, Cal.
Farley & Loetscher Mfg. Co., Dubuque, Iowa.
J. Gibb Smith Co., New Haven, Conn.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Gould Mfg. Co., Oshkosh, Wis.
Gregg & Son, Nashua, N. H.
Hafner-Lothman Mfg. Co., Dock & Main Sts., St. Louis, Mo.
Hall & Munson Co., Bay Mills, Mich. *4
Huttig Bros. Mfg. Co., Muscatine, Iowa.
Huttig Sash & Door Co., Dock & Main Sts., St. Louis, Mo.
Laird-Norton Co., Winona, Minn.
Lincoln Iron Works, Boonton, N. J.
Loomis & Hart Mfg. Co., Chattanooga, Tenn.
Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga.
Mathews Bros., Belfast, Me.
McConnell Mfg. Co., Hornersville, N. Y.
Wm. B. Mershon Co., Saginaw, Mich.
Morgan Iron Works, Spartanburg, S. C.
Edgar Munson, Williamsport, Pa.
Murphy & Diebold, Pittsburg, Pa.
Muscatine Sash-Door Co., Muscatine, Iowa.
Newton Lumber Co., Pueblo, Col.
Paine Lumber Co., Oshkosh, Wis.
Palmer, Fuller & Co., Inc., W. 22d & S. Union Sts., Chic., Ill.
Park, Winton & True, Addison, N. Y.
Philibert & Johanning Mfg. Co., Market St., St. Louis, Mo.
Prewitt, Spurr & Co., Nashville, Tenn.
Radford Bros. & Co., Oshkosh, Wis.
Ramos Lumber & Mfg. Co., Ltd., Ramos, La.
Reed & Sherwood, Anoka, Minn.
F. A. Requarth Co., Dayton, O.
Riddle-Rehbein Mfg. Co., St. Louis, Mo.
A. Roberson & Son, Binghamton, N. Y. *27
E. L. Roberts & Co., W. 22d St. & Union Place, Chicago, Ill.
Robinson Planing Mill Co., Cincinnati, O.
Rock Island Lumber Mfg. Co., Rock Island, Ill.
Smith & Wyman, Minneapolis, Minn.
South Pittsburg Planing Mill Co., Pittsburg, Pa.
Swain & Hudson, Marysville, Cal.
Verdi Mill Co., Verdi, Nev.
Joseph Weaver & Sons, Canton, O.
Western Sash & Door Co., Kansas City, Mo.
W. J. Whitehurst, Richmond, Va.
Willer Mfg. Co., Milwaukee, Wis.
Willams & Hunting Co., Cedar Rapids, Iowa.
Wilson & Bro., Inc., San Francisco, Cal.
Winona Lumber Co., Winona, Minn.
Youmans Bros. & Hodgins, Inc., Winona, Minn.

A. CORRUGATED IRON DOORS.

Cincinnati Corrugating Co., Piqua, O.

B. CORRUGATED STEEL DOORS.

Cincinnati Corrugating Co., Piqua, O.

C. FANCY DOORS.

Muscatine Sash-Door Co., Muscatine, Iowa.

D. FIREPROOF DOORS.

Henry D. Braumoeller & Son, 92 W. Van Buren St., Chi., Ill.
Cincinnati Corrugating Co., Piqua, O.

	Kinnear & Gager Co., Columbus, O.
	Thompson Mfg. Co., Cleveland, O.
E. GRAINED DOORS.	Muscatine Sash & Door Co., Muscatine, Iowa.
F. IRON DOORS.	Berlin Iron Bridge Co., E. Berlin, Conn.
	J. E. Bolles, Iron & Wire Works, Detroit, Mich.
	A. Bolter & Sons, 84 Lasalle St., Chicago, Ill.
	Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
	Champion Iron Co., Kenton, O.
	Cincinnati Corrugating Co., Piqua, O.
	David W. Cochrane, 195 S. 5th Av., New York.
	Coffin Valve Co., Neponset, Mass.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Thos. Dimond, 128 W. 33d St., New York.
	Garry Iron & Steel Roofing Co., 152 Merwin St., Cleveland, O.
	Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
	Jackson Arch. Iron Works, 315 E. 28th St., New York.
	Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
	Mich. Wire & Iron Works, Detroit, Mich.
	Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
	H. B. Smith Co., Westfield, Mass.
	Van Dorn Iron Works Co., Cleveland, O.
	Vulcan Iron Works, Wilkesbarre, Pa.
G. PAINTED DOORS.	Muscatine Sash & Door Co., Muscatine, Iowa.
H. REVOLVING DOORS.	Van Kannel Revolving Door Co., 253 Broadway, New York.
I. SCREEN DOORS.	J. A. Dunbar Mfg. Co., Northville, Mich.
	Eagle Machine Co., Lancaster, O.
	A. J. Griffin, Cohoes, N. Y.
	Higgin Mfg. Co., 5th St. & Washington Av., Newport, Ky.
	I. X. L. & Goshen Pump Co., Goshen, Ind.
	New England Metal Screen Co., Congress St., Boston, Mass.
	A. Roberson & Son, Binghamton, N. Y. *27
	Willer Mfg. Co., Milwaukee, Wis.
J. SLIDING DOORS.	Lane Bros. Co., Poughkeepsie, N. Y.
K. STEEL ROLLING & SWINGING DOORS.	Kinnear & Gager Co., Columbus, O.
L. STEEL WAREHOUSE DOORS.	Kinnear & Gager Co., Columbus, O.
M. VENEERED DOORS.	I. X. L. & Goshen Pump Co., Goshen, Ind.
	Muscatine Sash-Door Co., Muscatine, Iowa.
324. DRAIN COVERS.	Monson-Burmah Slate Co., Portland, Me.
325. DRAIN PIPE.	
A. CAMP CONDUITS.	Standard Sewer Pipe Co., Rochester, N. Y.
B. CEMENT SEWER PIPE.	Wilson & Baillie Mfg. Co., Brooklyn, N. Y.
C. CONDUIT PIPE.	Standard Sewer Pipe Co., Rochester, N. Y.
D. CULVERT PIPE.	Addyson Pipe & Steel Co., 3d & Walnut Sts., Cincinnati, O.
	Blackmer & Post Pipe Co., Laclede Bldg., St. Louis, Mo.
	H. O. Burch & Co., New London, Conn.
	Calumet Fire Clay Co., Calumet, O.
	Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
	John Lyth & Sons, Buffalo, N. Y.
	McMahon, Porter & Co., Inc., New Cumberland, W. Va.
	Montague & Co., Chattanooga, Tenn.
	Pittsburg Clay Mfg. Co., New Brighton, Pa.
	Racine Cement & Pipe Co., Racine. Wis,
	H. Stevens' Sons Co., Macon, Ga.
E. CULVERT PIPE, STEEL.	Thomas Carlins' Sons, Allegheny, Pa.
	Lansing Boiler & Engine Works, Lansing, Mich.
F. DRAIN TILE.	Birmingham Fire Brick Works, Birmingham, Ala.
	C. W. Boynton, Sewaren, N. J.
	H. O. Burch & Co., New London, Conn.
	Calumet Fire Clay Co., Calumet, O.
	N. Clark & Sons, Inc., San Francisco, Cal.
	Gladding McBean & Co., Lincoln, Cal.
	Goodwin Bros. Pottery Co., Elmwood, Conn.
	Iowa Pipe & File Co., Des Moines, Iowa.
	Louisville Drain File Co., Bishof, Ky.
	Montague & Co., Chattanooga, Tenn.
	Pacific Clay Mfg. Co., Los Angeles, Cal.
	Pomona Terra Cotta Co., Pomona, N. C.
	M. D. Valentine & Bro. Co., Woodbridge, N. J.
G. SEWER PIPE.	Akron Sewer Pipe Co., Akron, O.
	American Pipe Mfg. Co., Germantown Junction, Pa.
	Birmingham Fire Brick Works, Birmingham, Ala.
	Blackmer & Post Pipe Co., Laclede Building, St. Louis, Mo.
	C. W. Boynton, Sewaren, N. J.
	Buckeye Sewer Pipe Co., Akron, O.

	Buffalo Sewer Pipe Co., Buffalo, N. Y.
	H. O. Burch & Co., New London, Conn.
	Calumet Fire Clay Co., Calumet, O.
	Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
	N. Clark & Sons, Inc., San Francisco, Cal.
	Dickson Mfg. Co., Scranton, Pa.
	John Francy's Sons & Co., Toronto, O.
	Gladding, McBean & Co., Lincoln, Cal.
	Great Western Fire Clay Co., Toronto, O.
	Haydenville Mining Mfg. Co., Haydenville, O.
	Hill Sewer Pipe Co., Akron, O.
	Iowa Pipe & Tile Co., Des Moines, Iowa.
	John Lyth & Sons, Buffalo, N. Y.
	McMahon, Porter & Co., Inc., New Cumberland, W. Va.
	Montague & Co., Chattanooga, Tenn.
	Moore & Rawlins, Dallas, Tex.
	Moores & Co., Cincinnati, O.
	Pennsylvania Mine Supply Co., Pittsburg, Pa.
	Pittsburg Clay Mfg. Co., New Brighton, Pa.
	Pomona Terra Cotta Co., Pomona, N. C.
	Portland Sewer Pipe & Artificial Stone Co., Portland, Me.
	Prentice & Hackett, Pittsburg, Pa.
	Racine Cement & Pipe Co., Racine, Wis.
	Robinson Bros. & Co., Akron, O.
	Salamander Works, 39-41 Cortlandt St., New York.
	Standard Sewer Pipe Co., Rochester, N. Y.
	H. Stevens' Sons Co., Macon, Ga.
H. VITRIFIED DRAIN PIPE.	Terre Haute Brick Pipe Co., Opera Bldg., Terre Haute, Ind.
I. VITRIFIED SEWER PIPE.	Pacific Clay Mfg. Co., Los Angeles, Cal.
326. EAVES TROUGHS.	Chattanooga Steel Roofing Co., Chattanooga, Tenn.
	Paterson Heater Pipe Co., 238 Straight St., Paterson, N. J.
A. CISTERN CUT-OFFS.	N. O. Roofing & Metal Wks., 62 Lafayette, New Orleans, La.
B. GALVANIZED EAVES TROUGHS.	Cincinnati Corrugating Co., Piqua, O.
	Garry Iron & Steel Roofing Co., Cleveland, O.
	Wheeling Corrugated Co., Wheeling, W. Va.
C. METAL EAVES TROUGHS.	Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
	Thompson Mfg. Co., Cleveland, O.
	E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.
	Wheeling Corrugating Co., 81 Fulton St., New York.
D. RAIN WATER CUT-OFFS.	Cooney, Seiner & Co., Indianapolis, Ind.
	Hess, Snyder & Co., Massillon, O.
	Wheeling Corrugating Co., 81 Fulton St., New York.
E. WOOD EAVES TROUGHS.	St. Louis Refrigerator & Wooden Gutta Co., St. Louis, Mo.
327. FENCE PARTS, METAL.	Arnold Metal Wheel Co., New London, O.
328. FENCE STAYS.	Chandlee Fence Co., 11 S. Howard St., Baltimore, Md.
329. FENCING.	
A. BARBED WIRE FENCES.	Ewald Over, Indianapolis, Ind.
B. CABLED FIELD & HOG FENCING.	De Kalb Fence Co., 450 High St., De Kalb, Ill.
C. CABLED GARDEN & RABBIT FENCING.	De Kalb Fence Co., 450 High St., De Kalb, Ill.
D. COPING FENCES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. FARM FENCING.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	J. M. Gleason, Liberty, Ind.
	Hartman Mfg. Co., 277 Broadway, New York.
	Kokomo Fence Mach. Co., Kokomo, Ind.
	Page Woven Wire Fence Co., Adrian, Mich.
F. HOG FENCES.	Union Fence Co., De Kalb, Ill.
G. IRON FENCES.	Barbee Iron & Wire Works, Lafayette. Ind.
	E. T. Barnum, Detroit, Mich.
	J. E. Bolles Iron & Wire Works, Detroit, Mich.
	Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
	Central Expanded Metal Co., 531 Wood St., Pittsburg, Pa.
	Champion Iron Co., Kenton, O.
	Edward Darby & Sons, Philadelphia, Pa.
	Ellis & Helfenberger, Indianapolis, Ind.
	J. W. Fiske, 39 Park Place, New York.
	O. K. Harry Steel Works, St. Louis, Mo.
	Howard & Morse, 45 Fulton St., New York.
	Geo. H. Jones' Sons, Buffalo, N. Y.
	J. & R. Lamb, 59 Carmine St., New York.
	Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
	Mast, Foos & Co., Springfield, O.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	Mich. Wire & Iron Works, Detroit, Mich.
	Ewald Over, Indianapolis, Ind.

Page Woven Wire Fence Co., Adrian, Mich.
Rogers Iron Co., Springfield, O.
Sherman Iron Works, Sherman, Tex.
Van Dorn Iron Works Co., Cleveland, O.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

H. JAIL FENCES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

I. LATH FENCING. Petaluma Incubator Co., Petaluma, Cal.

J. LAWN FENCES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Union Fence Co., De Kalb, Ill.

K. ORNAMENTAL FENCES. Kokomo Fence Mach. Co., Kokomo, Ind.
Page Woven Wire Fence Co., Adrian, Mich.
Winona Fence Co., Winona, Minn.

L. PARK & GAME PRESERVE FENCES. Page Woven Wire Fence Co., Adrian, Mich.

M. PICKET FENCES. J. M. Gleason, Liberty, Ind.

N. PICKET FENCES, STEEL. De Kalb Fence Co., 450 High St., De Kalb, Ill.
Hartman Mfg. Co., 277 Broadway, New York.

O. PORTABLE FENCING. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

P. POULTRY FENCES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
De Kalb Fence Co., 450 High St., De Kalb, Ill.
Union Fence Co., De Kalb, Ill.

Q. PUNCHED RAIL FENCES. Champion Iron Co., Kenton, O.
Mast, Foos & Co., Springfield, O.

R. RAILROAD FENCING. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Page Woven Wire Fence Co., Adrian, Mich.

S. SCHOOL FENCES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

T. STEEL FENCING. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
Expanded Metal Fire Roofing Co., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Sedgwick Wire Fence Co., Richmond, Ind.

U. STEEL WIRE FENCE BOARDS. De Kalb Fence Co., 450 High St., De Kalb, Ill.

V. STEEL WIRE PICKET FENCING. H. L. Bennett Co., Westerville, O.
Decatur Lumber Mfg. Co., Decatur, Ill.

W. TUBULAR FENCES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

X. WIRE FENCING. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Brockner-Evans Bale Tie Co., 819 N. 2d St., St. Louis, Mo.
Bromwell Brush & Wire Gds. Co., Walnut St., Cincinnati, O.
Clinton Wire Cloth Co., 76 Beekman St., New York.
Cyclone Woven Wire Fence Co., Holly, Mich.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Ellis & Helfenberger, Indianapolis, Ind.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hazard Mfg. Co., Wilkesbarre, Pa.
Howard & Morse, 45 Fulton St., New York.
Indiana Wire Fence Co., Crawfordsville, Ind.
Northwestern Barb Wire Co., Sterling, Ill.
Pittsburg Woven Wire Fence Co., Pittsburg, Pa.
Jno. A. Roebling & Sons, 117 Liberty St., New York.
Sedgwick Wire Fence Co., Richmond, Ind.
Van Dorn Iron Works Co., Cleveland, O.

330. FIRE BRICK. Auld & Conger, Cleveland, O.
Birmingham Fire Brick Works, Birmingham, Ala.
Bolivar Fire Brick Co., Pittsburg, Pa.
Cyrus Borgner, N. 23d St., above Race, Philadelphia, Pa.
Calumet Fire Clay Co., Calumet, O.
Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
N. Clark & Sons, San Francisco, Cal.
Denver Fire Clay Co., Denver, Col.
Dover Fire Brick Co., Cleveland, O.
Dunbar Fire Brick Co., Dunbar, Pa.
J. H. Gautier & Co., Jersey City, N. J.
Gladding, McBean & Co., Lincoln, Cal.
Hall & Sons, Buffalo, N. Y.
Harbison & Walker Co., Pittsburg, Pa.
Haydenville Mining & Mfg. Co., Haydenville, O.
Iowa Pipe & Tile Co., Des Moines, Iowa.
B. Kreischer & Sons, Inc., 119 E. 23d St., New York.
Laclede Fire Brick Mfg. Co., 001 Pine St., St. Louis, Mo.
John Lyth & Sons, Buffalo, N. Y.
Manown Mfg. Co., Park Bldg., Pittsburg, Pa.
Henry Maurer & Son, 420 E. 23d St., New York.
McLeod & Henry Co., Troy, N. Y.
McMahon, Porter & Co., Inc., New Cumberland, W. Va.

Montague & Co., Chattanooga, Tenn.
Newton & Co., Albany, N. Y.
S. Obermayer Co., Cincinnati, O.
Ostrander Fire Brick Co., Troy N. Y.
Pacific Clay Mfg. Co., Los Angeles, Cal.
Park Fire Clay Co., Rochester, Pa.
Parker Russell Mining & Mfg. Co., Pine St., St. Louis, Mo.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
Phila. Fire Brick Works, 2306 Vine St., Philadelphia, Pa.
Pioneer Fireproof Construction Co., Ottawa, Ill.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Presbrey Stove Lining Co., Taunton, Mass.
Salamander Works, 39-41 Cortlandt St., New York.
Sandy Ridge Fire Brick Co., Sandy Ridge, Pa.
Savage Fire Brick Co., Keystone Junction, Pa.
Staten Island Clay Co., Woodbridge, N. J.
H. Stevens' Sons Co., Macon, Ga.
Stuart Fire Brick Co., Conestoga Bldg., Pittsburg, Pa.
M. D. Valentine & Bro. Co., Woodbridge, N. J.
N. U. Walker Clay Mfg. Co., Walkers, O.
Wallaceton Fire Brick Co., Wallaceton, Pa.
Adam Weber Co., 633 E. 15th St., New York.
Welch, Gloninger & Maxwell, Pittsburg, Pa.

A. FIREPROOF HOLLOW BRICK.

Birmingham Fire Brick Works, Birmingham, Ala.
C. W. Boynton, Sewaren, N. J.
Gladding, McBean & Co., Lincoln, Cal.
Jno. Lyth & Sons, Buffalo, N. Y.
Henry Maurer & Son, 420 E. 23d St., New York.
Pioneer F. P. Cons. Co., 1515 Marquette Bldg., Chicago, Ill.
Pittsburg Clay Mfg. Co., New Brighton, Pa.

331. FIRE CLAY.

Birmingham Fire Brick Works, Birmingham, Ala.
Bridgeport Crucible Co., Bridgeport, Conn.
Christy Fire Clay Co., Laclede Bldg., St. Louis, Mo.
Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
N. Clark & Sons, Inc., San Francisco, Cal.
Denver Fire Clay Co., Denver, Col.
Gladding, McBean & Co., Lincoln, Cal.
Great Western Fire Clay Co., Toronto, O.
Haydenville Mining & Mfg. Co., Haydenville, O.
B. Kreischer & Sons, Inc., 119 E. 23d St., New York.
Henry Maurer & Son, 420 E. 23d St., New York.
McLeod & Henry Co., Troy, N. Y.
Pacific Clay Mfg. Co., Los Angeles, Cal.
J. W. Paxson Co., 1021 N. Delaware Av., Philadelphia, Pa.
Pioneer Fireproof Construction Co., Ottawa, Ill.
Presbrey Stove Lining Co., Taunton, Mass.
Sandy Ridge Fire Brick Co., Sandy Ridge, Pa.
H. Stevens' Sons Co., Macon, Ga.
Stuart Fire Brick Co., Conestoga Bldg., Pittsburg, Pa.
Vulcan Clay Co., Wellsville, O.
N. U. Walker Clay Mfg. Co., Walkers, O.
Wassall Fire Clay Co., Columbus, O.

A. FIRE CLAY GOODS.
B. GROUND FIRE CLAY.

Pittsburg Clay Pat. Co., Allegheny, Pa.
Dover Fire Brick Co., Cleveland, O.

332. FIRE ESCAPES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Cable Ladder & Fire Escape Co., Fairfield, Me.
Champion Iron Co., Kenton, O.
J. B. & J. M. Cornell, 143 Centre St., New York.
Thos. Dimond, 128 W. 33d St., New York.
Howard & Morse, 45 Fulton St., New York.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Michael Mahony, Troy, N. Y.
Marshall Bros., Pittsburg, Pa.
Rogers Iron Co., Springfield, O.
Springfield Works, Springfield, Mass.
Van Dorn Iron Works Co., Cleveland, O.

333. FIREPLACES.

W. H. Harrison's Sons, 1708 Ludlow St., Philadelphia, Pa.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Peerless Mfg. Co., Louisville, Ky.

A. BRICK FIREPLACES.

Peerless Brick Co., 24 S. 7th St., Philadelphia, Pa.

B. FIREPLACE FRAMES & BASKETS.

Knott, Harker & Co., Beaver Falls, Pa.

C. FIREPLACE GOODS.

Joseph S. Miller, 1210 Ridge Av., Philadelphia, Pa.

D. FIREPLACE LININGS.

Wm. H. Jackson & Co., 28th St. & 2d Av., New York.
Knott, Harker & Co., Beaver Falls, Pa.

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Isaac A. Sheppard & Co., Philadelphia, Pa.

334. FIREPROOF MATERIALS.

Jno. Francy's Sons Co., Toronto, O.
Haydenville Mining Mfg. Co., Haydenville, O.
H. W. Johns Mfg. Co., 100 William St., New York.
John Lyth & Sons, Buffalo, N. Y.
Henry Maurer & Son, 420 E. 23d St., New York.
Pioneer Fireproof Construction Co., Ottawa, Ill.

A. GROUND BRICK. Pioneer Fireproof Construction Co., Ottawa, Ill.
B. TERRA-COTTA FIRE PROOFING. Staten Island Clay Co., Woodbridge, N. J.

335. FLOOR & CEILING PLATES, CAST IRON.

C. W. Hunt Co., 45 Broadway, New York.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.

336. FLOORING.

Atlanta Lumber Co., Atlanta, Ga.
C. G. Blatchley, Swanson & McKean Sts., Philadelphia, Pa.
Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
Doud Sons & Co., Winona, Minn.
W. & A. McArthur Co., Ltd., Cheboygan, Mich.
Murphy & Diebold, Pittsburg, Pa.
Prewitt, Spurr & Co., Nashville, Tenn.
A. Roberson & Son, Binghamton, N. Y. *27
W. H. H. Smith & Co., Toledo, O.
South Pittsburg Planing Mill Co., Pittsburg, Pa.
Southern Pine Co. of Georgia, Savannah, Ga.
H. H. Thornton, Pensacola, Fla.
Verdi Mill Co., Verdi, Nev.

A. DRYING FLOORS. R. Aitchison Perf. Metal Co., Chicago, Ill.
B. GLUED FLOORING. Compound Lumber Co., 421 Home Insur. Bldg., Chicago, Ill.
C. HARDWOOD FLOORING. Albany Venetian Blind Co., Albany, N. Y.
Henry F. Heuer, 112 Weed St., Chicago, Ill.
Interior Hardwood Co., Indianapolis, Ind.
G. W. Straight, 703 Centre Av., Chicago, Ill.
Wisconsin Land & Lumber Co., Hermansville, Mich.
Wood Mosaic Co., Rochester, N. Y.
D. IRON FLOORS. Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.
E. MALT KILN FLOORS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Skinner & Arnold Co., Albany, N. Y.
F. PARQUET FLOORS. John W. Boughton, 1413 Chestnut St., Philadelphia, Pa.
Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
Henry F. Heuer, 112 Weed St., Chicago, Ill.
Interior Hardwood Co., Indianapolis, Ind.
E. B. Moore & Co., 48 Randolph St., Chicago, Ill.
Racine Hardware Co., Racine, Wis.
G. W. Straight, 703 Centre St., Chicago, Ill.
Wood Mosaic Co., Rochester, N. Y.
G. TILE FLOORS. Star Encaustic Tile Co., Pittsburg, Pa.
H. YELLOW PINE FLOORING. Bradley-Ramsay Lumber Co., Lake Charles, La.
Texas Tram & Lumber Co., Beaumont, Tex.

338. FRET WORK.

Cross, Austin & Ireland Lumber Co., Brooklyn, N. Y.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
Geo. W. Light Mfg. Co., 712 W. Van Buren St., Chicago, Ill.
Wm. B. Mershon & Co., Inc., E. Saginaw, Mich.
A. Roberson & Son, Binghamton, N. Y. *27

339. FURNACE BLOCKS.

Cyrus Borgner, N. 23d St., above Race, Philadelphia, Pa.
James R. Floyd's Sons, 539 W. 20th St., New York.
James Gardner & Son, Cumberland, Md.
M. D. Valentine & Bro. Co., Woodbridge, N. J.

340. GAS HOLDERS.

Bartlett, Hayward & Co., Baltimore, Md.
Deily & Fowler, 39 Laurel St., Philadelphia, Pa.
James R. Floyd's Sons, 539 W. 20th St., New York.
Providence Steam Engine Co., Providence, R. I.
Riter-Conly Co., Pittsburg, Pa.
Stacey Mfg. Co., 239 Niell St., Cincinnati, O.
John Turl's Sons, 534 W. 28th St., New York.
R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.

341. GATES.

A. AUTOMATIC GATES. Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Ewald Over, Indianapolis, Ind.
Van Dorn Iron Works Co., Cleveland, O.
B. DRIVE GATES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
De Kalb Fence Co., 450 High St., De Kalb, Ill.
Union Fence Co., De Kalb, Ill.
C. FARM GATES. Cyclone Woven Wire Fence Co., Holly, Mich.
De Kalb Fence Co., 450 High St., De Kalb, Ill.

Expanded Metal F. R. Co., Old Colony Bldg., Chicago, Ill.
Kokomo Fence Mach. Co., Kokomo, Ind.
Page Woven Wire Fence Co., Adrian, Mich.

D. FOLDING GATES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. B. & J. M. Cornell, 143 Centre St., New York.
Thos. Dimond, 128 W. 33d St., New York.

E. IRON GATES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
Champion Iron Co., Kenton, O.
Thos. Dimond, 128 W. 33d St., New York.
J. W. Fiske, 39 Park Place, New York.
Globe Iron Works, 35 Indiana St., Chicago, Ill.
Healey Iron Works, 602 Driggs Av., Brooklyn, N. Y.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Lincoln Iron Works, Boonton, N. J.

F. IRON STOOP GATES.
Thos. Dimond, 128 W. 33d St., New York.

G. LAWN GATES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

H. ORNAMENTAL GATES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

I. SAFETY ELEVATOR GATES.
Webster & Perks Tool Co., Spring & Monroe, Springfield, O.

J. WALK GATES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
De Kalb Fence Co., 450 High St., De Kalb, Ill.
Union Fence Co., De Kalb, Ill.

K. WIRE GATES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Dewitt Wire Cloth Co., 17 Warren St., New York.
J. W. Fiske, 39 Park Place, New York.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Kansas City Wire & Iron Works, Kansas City, Mo.
Sedgwick Wire Fence Co., Richmond, Ind.
Wright & Colton Wire Cloth Co., Worcester, Mass.

L. WOVEN WIRE FENCING GATES.
Detroit Fence & Wire Goods Co., Detroit, Mich.

M. WROUGHT IRON GATES.
J. W. Fiske, 39 Park Place, New York.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Fred J. Meyers Mfg. Co., Hamilton, O.

N. YARD GATES.
Kokomo Fence Machine Co., Kokomo, Ind.
Racine General Mfg. Co., Racine, Wis. *27

342. GRATINGS.

A. IRON GRATINGS.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
A. Buchs' Sons, Elizabethtown, Pa.
Champion Iron Co., Kenton, O.
Chickasaw Iron Works, Memphis, Tenn.
David W. Cochrane, 195 S. 5th Av., New York.
Dickson Mfg. Co., Scranton, Pa.
Thos. Dimond, 128 W. 33d St., New York.
J. W. Fiske, 39 Park Place, New York.
Globe Iron Works, 35 Indiana St., Chicago, Ill.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Geo. M. Stanwood & Co., Portland, Me.
Van Dorn Iron Works Co., Cleveland, O.
Vulcan Iron Works, Wilkesbarre, Pa.

B. SIDEWALK GRATINGS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
Chickasaw Iron Works, Memphis, Tenn.
Dickson Mfg. Co., Scranton, Pa.
Vulcan Iron Works, Wilkesbarre, Pa.

343. GRILLES.
John L. Gaumer Co., 11th & Race Sts., Philadelphia, Pa.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
I. X. L. & Goshen Pump Co., Goshen, Ind.
H. L. Judd, 87-89 Chambers St., New York.
Shannon Mfg. Co., 11th & Catharine Sts., Philadelphia, Pa.
Jno. Williams, 556 W. 27th St., New York.

A. BRASS GRILLES.
Pittsburg Brass Co., Pittsburg, Pa.

B. IRON GRILLES.
Lincoln Iron Works, Boonton, N. J.

C. ORNAMENTAL GRILLES.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.

D. WINDOW & DOOR GRILLES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

344. GUTTER CESSPOOLS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. C. Stearns & Co., Syracuse, N. Y.

345. GUTTERS.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
O. K. Harry Steel Works, St. Louis, Mo.
Wheeling Corrugating Co., 81 Fulton St., New York.

A. CORNICE GUTTERS.
N. O. Roofing & Metal Works, Lafayette, New Orleans, La.

B. GALVANIZED GUTTERS.
Berger Bros. Co., 231-237 Arch St., Philadelphia, Pa.

C. IRON GUTTERS.	Bay State Metal Works, Cambridgeport, Mass.
	S. L. Erwin & Co., Ladonia, Tex.
	Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.
	Mosley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
	Wheeling Corrugating Co., 81 Fulton St., New York.
D. STEEL GUTTERS.	Wilson & Baillie Mfg. Co., Brooklyn, N. Y.
E. STONE GUTTERS.	F. G. Clark Bluestone Co., Oxford, N. Y.
	Cleveland Stone Co., Cleveland, O.
F. TIN GUTTERS.	Wheeling Corrugated Co., 81 Fulton St., New York.
346. HAND RAIL STAYS.	Wheeling Hinge Co., Wheeling, W. Va.
347. HEARTHS.	
A. FORE HEARTHS.	Edward P. Allis Co., Milwaukee, Wis.
B. OPEN HEARTHS.	Phila. Roll & Mach. Co., 23d & Washington Av., Phila., Pa.
C. SLATE HEARTHS.	E. Bangor Consolidated Slate Co., E. Bangor, Pa.
	Old Bangor Slate Co., Bethlehem, Pa.
D. STONE HEARTHS.	F. G. Clark Bluestone Co., Oxford, N. Y.
E. TILE HEARTHS.	Aiken & Co., Pittsburg, Pa.
	Innes & Co., 119 Main St., Cincinnati, O.
	Star Encaustic Tile Co., Pittsburg, Pa.
348. HYDRANT CESSPOOLS.	Standard Mfg. Co., Pittsburg, Pa.
349. ILLUMINATING TILES.	Chickasaw Iron Works, Memphis, Tenn.
A. FLOOR LIGHTS.	Dauchy Iron Works, 84 Illinois St., Chicago, Ill.
	Thos. Dimond, 128 W. 33d St., New York.
	Jackson Arch. Iron Works, 315 E. 28th St., New York.
	Jacob Mark, 7 Worth St., New York.
	Rodefer Bros., Bellaire, O.
B. PRISMATIC SIDEWALK PLATES.	Walton Iron Co., 524-526 E. 5th St., Cincinnati, O.
C. SIDEWALK LIGHTS.	J. E. Bolles Iron & Wire Works, Detroit, Mich.
	T. H. Brooks & Co., Cleveland, O.
	Champion Iron Co., Kenton, O.
	Chickasaw Iron Works, Memphis, Tenn.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Dauchy Iron Works, 84 Illinois St., Chicago, Ill.
	Thos. Dimond, 128 W. 33d St., New York.
	Jackson Arch. Iron Works, 315 E. 28th St., New York.
	Jacob Mark, 7 Worth St., New York.
	Paxton & Vierling Iron Works, Omaha, Neb.
350. IRON VAULT COVERS & CHAINS.	Thos. Dimond, 128 W. 33d St., New York.
351. JAIL WORK.	Champion Iron Co., Kenton, O.
A. CELL DOOR GUARDS.	Diebold Safe & Lock Co., Canton, O.
	Howard & Morse, 45 Fulton St., New York.
	Van Dorn Iron Works, Cleveland, O.
B. JAIL BARS.	Burgers Steel & Iron Works, Portsmouth, O.
	Chrome Steel Works, Brooklyn, N. Y.
	Van Dorn Iron Works, Cleveland, O.
C. JAIL CAGES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
D. JAIL CELLS.	E. T. Barnum, Detroit, Mich.
	Berlin Iron Bridge Co., E. Berlin, Conn.
	Cincinnati Safe & Lock Co., 41 Elm St., Cincinnati, O.
	Diebold Safe & Lock Co., Canton, O.
	Mich. Wire & Iron Works, Detroit, Mich.
	Rogers Iron Co., Springfield, O.
	Van Dorn Iron Works Co., Cleveland, O.
E. JAIL DOORS.	Armstrong Grave Vault Co., Springfield, O.
	J. E. Bolles Iron & Wire Works, Detroit, Mich.
	Henry Braumoeller & Son, 92 W. Van Buren St., Chic., Ill.
	Cincinnati Safe & Lock Co., 41 Elm St., Cincinnati, O.
	Dickson Mfg. Co., Scranton, Pa.
	Diebold Safe & Lock Co., Canton, O.
	Van Dorn Iron Works Co., Cleveland, O.
F. JAIL LOCKS.	Diebold Safe & Lock Co., Canton, O.
	E. T. Fraim, Lancaster, Pa.
	Keystone Lock Works, Lancaster, Pa.
	Romer & Co., Newark, N. J.
	Union Hardware Co., Torrington, Conn.
	Union Lock & Hardware Co., Lancaster, Pa.
	Victor Safe & Lock Co., Broadway & 9th St., Cincinnati, O.
	Yale & Towne Mfg. Co., Stamford, Conn.
G. JAIL LOCKUPS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
H. STATION-HOUSE CAGES.	Van Dorn Iron Works Co., Cleveland, O.
352. LAMINATED WOOD.	Louisville Veneer Mills, Louisville, Ky.
353. LATH.	Atlanta Lumber Co., Atlanta, Ga.
	Beaumont Lumber Co., Beaumont, Tex.

Berlin Mills Co., 404 Commercial St., Portland, Me.
A. A. Bigelow & Co., Washburn, Wis.
Burlington Lumber Co., Burlington, Iowa.
Clough & Hurd, Minneapolis, Minn.
Joseph Dessert Lumber Co., Mosinee, Wis.
Gould Mfg. Co., Oshkosh, Wis.
Kansas City & Southern Lumber Co., Kansas City, Mo.
Knapp, Stout & Co., Menomonie, Wis.
Laird-Norton Co., Winona, Minn.
C. Lamb & Sons, Inc., Clinton, Iowa.
Langford & Hall Lumber Co., Fulton, Ill.
Loomis & Hart Mfg. Co., Chattanooga, Tenn.
Lutcher & Moore Lumber Co., Orange, Tex.
McMullen & Co., Minneapolis, Minn.
Merrill Lumber Co., Merrill, Wis.
Munroe Mfg. Co., Muskegon, Mich.
Murphy Lumber Co., Green Bay, Wis.
Musser Lumber Co., Muscatine, Iowa.
North Wisconsin Lumber Co., Hayward, Wis.
Palmer, Fuller & Co., Inc., 22d & Union Sts., Chicago, Ill.
Philibert & Johanning Mfg. Co., Market St., St. Louis, Mo.
Radford Bros. & Co., Oshkosh, Wis.
Reed & Sherwood, Anoka, Minn.
Rice Lake Lumber Co., Rice Lake, Wis.
Rock Island Lumber & Mfg. Co., Rock Island, Ill.
John L. Roper Lumber Co., Norfolk, Va.
Sawyer, Goodman Co., 1215 Old Colony Bldg., Chicago, Ill.
Wm. Schuette & Co., Pittsburg, Pa.
Southern Pine Co. of Georgia, Savannah, Ga.
Texas Tram & Lumber Co., Beaumont, Tex.
John Week Lumber Co., Steven's Point, Wis.
White River Lumber Co., Mason, Wis.
T. Wilce Co., W. 22d & Throop Sts., Chicago, Ill.
Winona Lumber Co., Winona, Minn.
Wisconsin Land & Lumber Co., Hermansville, Mich.
W. B. Wright Co., Pensacola, Fla.

A. METAL LATH.
Bergen Mfg. Co., Canton, O.
Canonsburg Iron & Steel Co., 421 Wood St., Pittsburg, Pa.
Cincinnati Corrugating Co., Piqua, O.
Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.
Wheeling Corrugating Co., 81 Fulton St., New York.

B. TARRED SISAL LATH.
R. A. Kelly Co., Xenia, O.

C. VENETIAN BLIND LATH.
Burlington Venetian Blind Co., Burlington, Vt.

D. WIRE LATH.
Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Howard & Morse, 45 Fulton St., New York.
Jno. A. Roebling's Sons Co., 117 Liberty St., New York.

354. LIGHT HOUSES.
Robert Deeley & Co., 136 Liberty St., New York.

355. LIGHTNING RODS.
Cole Bros., Inc., 412 S. 7th St., St. Louis, Mo.
Hum & Leatherman, Pittsburg, Pa.
A. F. Miller, 6616 7th St., St. Louis, Mo.
Reyburn, Hunter & Co., Philadelphia, Pa.
E. G. Washburn & Co., 46 Cortlandt St., New York.

A. LIGHTNING ROD POINTS.
Elyria Variety Works, Jackson, Mich.

356. LIME.
Anniston Lime & Stone Co., Corondelet St., N. Orleans, La.
Austin White Lime Co., Austin, Tex.
Chewacla Lime Co., Chewacla, Ala.
Chicago Union Lime Works, 610 Chamber of Com., Chi., Ill.
Henry Cowell & Co., San Francisco, Cal.
Maryland Lime & Cement Co., Baltimore, Md.
Mayville White Lime Works, Mayville, Wis.
C. A. Moross & Co., Chattanooga, Tenn.
Newark Lime & Cement Mfg. Co., Newark, N. J.
Prentice & Hackett, Pittsburg, Pa.
Texas Lime Co., Baltimore, Md.

A. WHITE LIME.
White Marble Lime Co., Manistique, Mich.

357. LININGS, BLAST FURNACE & CUPOLA.
Boston Fire Brick & Clay Retort Mfg. Co., Boston, Mass.
Denver Fire Clay Co., Denver, Col.
Manown Mfg. Co., Park Bldg., Pittsburg, Pa.
McLeod & Henry Co., Troy, N. Y.
Parker-Russell Mining & Mfg. Co., Pine St., St. Louis, Mo.
Pittsburg Clay Pot Co., Allegheny, Pa.
M. D. Valentine Bro. Co., Woodbridge, N. J.
Welch Gloninger & Maxwell, Pittsburg, Pa.

358. LINTELS.

A. IRON LINTELS.

J. E. Bolles Iron & Wire Works, Detroit, Mich.
Champion Iron Co., Kenton, O.
Chickasaw Iron Works, Memphis, Tenn.
Thomas Dimond, 128 W. 33d St., New York.
Emporia Foundry & Mach. Works, Emporia, Kan.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.

B. STONE LINTELS.

F. G. Clark Bluestone Co., Oxford, N. Y.
Thos. J. Dunn, 444 E. 68th St., New York.
Greystone Granite & Construction Co., Raleigh, N. C.
Warsaw Bluestone Co., Warsaw, N. Y.

359. LUMBER.

Charles Baker Co., Worcester, Mass.
Beaver Mills, Keene, N. H.
Belding-Hall Mfg. Co., Belding, Mich.
A. A. Bigelow & Co., Washburn, Wis.
Buckley & Douglas Lumber Co., Manistee, Mich.
Butters & Peters Salt & Lumber Co., Ludington, Mich.
W. & D. G. Crane, Burlington, Vt.
Doud Sons & Co., Winona, Minn.
C. C. Field, Geneva, Pa.
Hall & Munson Co., Bay Mills, Mich. *4
Hartwell Bros., Vincennes, Ind.
C. Lamb & Sons, Inc., Clinton, Iowa.
Look & Lincoln, Marion, Va.
Loomis & Hart Mfg. Co., Chattanooga, Tenn.
W. & A. McArthur Co., Ltd., Cheboygan, Mich.
Wm. B. Mershon & Co., E. Saginaw, Mich.
T. G. Patterson, 11th Av. & 20th St., New York.
Southern Pine Co. of Georgia, Savannah, Ga.
Winona Lumber Co., Winona, Minn.
Wisconsin Land & Lumber Co., Hermansville, Mich.

A. ASH.

Blackwater Lumber Co., Inc., Davis, W. Va.
Bowman Lumber Co., St. Albans, W. Va.
Cypress Lumber Co., Apalachicola, Fla.
Desha Lumber Co., Arkansas City, Ark.
R. T. Elkin, Round Stone, Ky.
O. D. Foster & Bro., Fredericksburg, Va.
Hartwell Bros., Vincennes, Ind.
Indiana & Ark. Lumber & Mfg. Co., Marianna, Ark.
Jones Lumber Co., Williamsburg, Ky.
C. F. Liebke Hardwood, Mill & Lumber Co., St. Louis, Mo.
Moore & McFerrin, Memphis, Tenn.
Potter & Condict, Hartford, Ky.
J. L. Rumbarger Lumber Co., Dobbin, W. Va.
Southern Pine Co. of Georgia, Savannah, Ga.

B. BASSWOOD.

Doud Sons & Co., Winona, Minn.
Wisconsin Land & Lumber Co., Hermansville, Mich.

C. BEECH.

Blackwater Lumber Co., Inc., Davis, W. Va.

D. BIRCH, WHITE.

H. B. Smith & Co., Hanover, Me.

E. CAR BUILDERS' LUMBER.

E. D. Albro Co., 711 W. 6th St., Cincinnati, O.
Coolidge Fuel & Supply Co., Minneapolis, Minn.
Desha Lumber Co., 60 Congress St., Boston, Mass.
Eppinger & Russell Co., 68 Broad St., New York.
Mann Bros., Milwaukee, Wis.
Mitchell & Rowland Lumber Co., Toledo, O.

F. CEDAR.

Burnside Mfg. Co., Burnside, Ky.
Previtt, Spurr & Co., Nashville, Tenn.
Seatco Mfg. Co., Bucoda, Wash.
Wisconsin Land & Lumber Co., Hermansville, Mich.

G. CEDAR, RED.

Cypress Lumber Co., Apalachicola, Fla.
W. B. Earthman & Co., Murfreesboro, Tenn.

H. CHERRY.

Blackwater Lumber Co., Inc., Davis, W. Va.
J. L. Rumbarger Lumber Co., Dobbin, W. Va.

I. CHESTNUT.

H. Blazer & Co., Conway, Ky.
G. W. Boyd, Nashville, Tenn.
Clay City Lumber & Stave Co., Clay City, Ky.
Kaufman Bros., Hawesville, Ky.

J. CIGAR BOX LUMBER.

H. W. Erichs, 311 E. 11th St., New York.
Samuel W. Frost, 18 W. Canal St., Cincinnati, O.
Henry H. Sheip Mfg. Co., Philadelphia, Pa.
Wm. Wicke Co., 530 First Av., New York.

K. COMPOUND LUMBER.

Portsmouth Veneer Works, Portsmouth, O.

L. COTTONWOOD.

Burton Lumber Co., Baton Rouge, La.
Indiana & Ark. Lumber & Mfg. Co., Marianna, Ark.
Jno. McDowell, Mound City, Ill.
Moore & McFerrin, Memphis, Tenn.

M. CREOSOTED LUMBER.	Michigan Pipe Co., Bay City, Mich.
N. CYPRESS.	Atlanta Lumber Co., Atlanta, Ga.
	Joel Bradshaw, Franklin, Va.
	Burton Lumber Co., Baton Rouge, La.
	Cypress Lumber Co., Apalachicola, Fla.
	W. W. Ferrenburg, La Forge, Mo.
	Ramos Lumber & Mfg. Co., Ltd., Ramos, La.
	E. M. Short Lumber Co., Washington, N. C.
	Southern Pine Co. of Georgia, Savannah, Ga.
	C. E. Tufts Lumber Co., Sanford, Fla.
	Vanderbilt & Hopkins, 120 Liberty St., New York.
	W. B. Wright Co., Pensacola, Fla.
O. DESKING.	Southern Pine Co. of Georgia, Savannah, Ga.
P. DIMENSION STOCK.	Ind. & Ark. Lumber & Mfg. Co., Marianna, Ark.
Q. DRESSED LUMBER.	Potter & Condict, Hartford, Ky.
	John L. Roper Lumber Co., Norfolk, Va.
	Texas Tram & Lumber Co., Beaumont, Tex.
	Vanderbilt & Hopkins, 120 Liberty St., New York.
R. ELM.	E. Jordan Lumber Co., E. Jordan, Mich.
	Ricker Bros., Clear Water, Mich.
S. GUM.	Moore & McFerrin, Memphis, Tenn.
	Potter & Condict, Hartford, Ky.
	Walla Walla Gum Co., Knoxville, Tenn.
T. GUM, RED.	Indiana & Ark. Lumber Mfg. Co., Marianna, Ark.
U. HARDWOOD LUMBER.	Brownlee & Co., Detroit, Mich.
	Butters & Peters Salt & Lumber Co., Ludington, Mich.
	Doud Sons & Co., Winona, Minn.
	A. N. Holloway, Lebanon, Ind.
	Interior Hardwood Co., Indianapolis, Ind.
	Langford & Hall Lumber Co., Fulton, Ill.
	Rickers Bros., Clear Water, Mich.
	W. E. Uptegrove & Bros., 465 E. 10th St., New York.
	Weaver Bending Co., Galion, O.
	J. Week Lumber Co., Stevens Point, Wis.
V. HEMLOCK.	Blackwater Lumber Co., Inc., Davis, W. Va.
	Butters & Peters Salt & Lumber Co., Ludington, Mich.
	Doud Sons & Co., Winona, Minn.
	R. T. Elkin, Round Stone, Ky.
	Edmund Hall, Bay City, Mich.
	E. Jordan Lumber Co., E. Jordan, Mich.
	Richardi & Bechtold, Bellaire, Mich.
	J. L. Rumbarger Lumber Co., Dobbin, W. Va.
	John Week Lumber Co., Stevens Point, Wis.
	Wilson Lumber Co., Wilson, W. Va.
	Wisconsin Land & Lumber Co., Hermansville, Mich.
W. HICKORY.	F. M. Bachman, Indianapolis, Ind.
	Desha Lumber Co., Arkansas City, Ark.
	R. T. Elkin, Round Stone, Ky.
	O. D. Foster & Bro., Fredericksburg, Va.
	Garetson-Greason Lumber Co., Poplar Bluff, Mo.
	Hartwell Bros., Vincennes, Ind.
X. KILN-DRIED LUMBER.	Charles Baker Co., Worcester, Mass.
	Roanoke R. R. & Lumber Co., Norfolk, Va.
Y. MAPLE.	E. Jordan Lumber Co., E. Jordan, Mich.
	Richardi & Bechtold, Bellaire, Mich.
	Rickers Bros., Clear Water, Mich.
Z. OAK.	C. G. Blatchley, Swanson & McKean Sts., Philadelphia, Pa
	Bowman Lumber Co., St. Albans, W. Va.
	Clarkson Saw Mill Co., Leeper, Mo.
	Joseph Cloves Sons, Henderson Ky.
	Desha Lumber Co., Arkansas City, Ark.
	R. T. Elkin, Round Stone, Ky.
	O. D. Foster & Bro., Fredericksburg, Va.
	Garetson, Greason Lumber Co., Poplar Bluff, Mo.
	Hartwell Bros., Vincennes, Ind.
	Geo. W. Hilliard, Brighton, Ill.
	J. R. Hoffman, Charleston, W. Va.
	Indiana & Ark. Lumber & Mfg. Co., Marianna, Ark.
	Jones Lumber Co., Williamsburg, Ky.
	Kansas City & Southern Lumber Co., Kansas City, Mo.
	Kaufman Bros., Hawesville, Ky.
	C. F. Liebke Hardwood Mill & Lumber Co., St. Louis, Mo.
	Missouri Lumber & Mining Co., Grandin, Mo.
	Potter & Condict, Hartford, Ky.
	J. L. Rumbarger Lumber Co., Dobbin, W. Va.
	Southern Pine Co. of Georgia, Savannah, Ga.

		Vanderbilt & Hopkins, 120 Liberty St., New York.
		Ward Lumber Co., Whiting, Mo.
AA.	OAK, QUARTER SAWED.	Indiana & Ark. Lumber & Mfg. Co., Marianna, Ark.
BB.	OAK, RED.	Clay City Lumber & Stave Co., Clay City, Ky.
CC.	OAK, WHITE.	Clay City Lumber & Stave Co., Clay City, Ky.
DD.	PINE, GEORGIA.	Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga.
		Southern Pine Co. of Georgia, Savannah, Ga.
EE.	PINE, OREGON.	California Lumber Co., San Francisco, Cal.
FF.	PINE, PITCH.	Pensacola Lumber Co., Pensacola, Fla.
		W. B. Wright Co., Pensacola, Fla.
GG.	PINE, SUGAR.	Excelsior Redwood Co., San Francisco, Cal.
HH.	PINE, WHITE.	Badger Lumber Co., Kansas City, Mo.
		Oliver Beman, La Veta, Col.
		N. B. Bradley & Son, Bay City, Mich.
		Brownlee & Co., Detroit, Mich.
		Butters & Peters Salt & Lumber Co., Ludington, Mich.
		Clay City Lumber & Stave Co., Clay City, Ky.
		Cleveland Saw Mill & Lumber Co., Cleveland, O.
		Dimock, Gould & Co., Moline, Ill.
		Doud Sons & Co., Winona, Minn.
		Eddy Bros. & Co., Bay City, Mich.
		Edmund Hall, Bay City, Mich.
		Hall & Munson Co., Bay Mills, Mich. *4
		Hannibal Saw Mill Co., Hannibal, Mo.
		Knapp, Stout & Co., St. Louis, Mo.
		La Crosse Lumber Co., La Crosse, Wis.
		Laird-Norton Co., Winona, Minn.
		Langford & Hall Lumber Co., Fulton, Ill.
		McConnell Mfg. Co., Hornersville, N. Y.
		McMullen & Co., Minneapolis, Minn.
		Wm. B. Mershon & Co., E. Saginaw, Mich.
		Musser Lumber Co., Muscatine, Iowa.
		Rand Lumber Co., Burlington, Iowa.
		A. Roberson & Son, Binghamton, N. Y. *27
		Rock Island Lumber & Mfg. Co., Rock Island, Ill.
		John L. Roper Lumber Co., Norfolk, Va.
		Vanderbilt & Hopkins, 120 Liberty St., New York.
		J. Week Lumber Co., Stevens Point, Wis.
		Wisconsin Land & Lumber Co., Hermansville, Mich.
II.	PINE, YELLOW.	D. W. Alderman & Sons Co., Alcoln, S. C.
		Anderson Lumber Co., Charleston, S. C.
		Atlanta Lumber Co., Atlanta, Ga.
		Atlantic Saw Mill Co., Norfolk, Va.
		Badger Lumber Co., Kansas City, Mo.
		Beaumont Lumber Co., Beaumont, Tex.
		Bradley-Ramsay Lumber Co., Lake Charles, La.
		Burton Lumber Co., Baton Rouge, La.
		Canton Box Co., Baltimore, Md.
		Jas. A. Carney, Carney, Ala.
		Clark & Boice Lumber Co., Jefferson, Tex.
		Clarkson Saw Mill Co., Leeper, Mo.
		Joseph Clove's Sons, Henderson, Ky.
		Cordz-Fisher Lumber Co., Birch Tree, Mo.
		Cotton Belt Lumber Co., Bearden, Ark.
		Cypress Lumber Co., Apalachicola, Fla.
		Desha Lumber Co., Arkansas City, Ark.
		Dixie Mill Co., Mobile, Ala.
		Dixon Mitchell & Co., Savannah, Ga.
		Eastman, Gardner & Co., Laurel, Miss.
		R. T. Elkin, Round Stone, Ky.
		Enochs Lumber & Mfg. Co., Jackson, Miss.
		Excelsior Redwood Co., San Francisco, Cal.
		Fernwood Lumber Co., Fernwood, Miss.
		O. D. Foster & Bro., Fredericksburg, Va.
		A. Gilmer, Orange, Tex.
		E. L. Halsey, Charleston, S. C.
		Lutcher & Moore Lumber Co., Orange, Tex.
		Missouri Lumber & Mining Co., Grandin, Mo.
		Nassau Packing Co., Fernandina, Fla.
		Nona Mills Co., Nona, Tex.
		Ozark Land & Lumber Co., Winona, Mo.
		Reliance Lumber Co., Beaumont, Tex.
		Smith, Moore & Co., Snow Hill, Md.
		Southern Pine Co. of Georgia, Savannah, Ga.
		Texas Tram & Lumber Co., Beaumont, Tex.
		Thompson & Tucker Lumber Co., Inc., Willard, Tex.

Trinity County Lumber Co., Inc., Groveton, Tex.
C. E. Tufts Lumber Co., Sanford, Fla.
W. W. Tunis & Bro. Lumber Co., Tunis Mills, Md.
Vanderbilt & Hopkins, 120 Liberty St., New York.
J. J. White, McComb City, Miss.
W. B. Wright Co., Pensacola, Fla.
Jas. T. Young, Pocomoke City, Md.

JJ. POPLAR.
C. G. Blatchley, Swanson & McKean Sts., Phila., Pa.
Burt & Brabb Lumber Co., Ford, Ky.
Clay City Lumber & Stave Co., Clay City, Ky.
Joseph Clore's Sons, Henderson, Ky.
R. T. Elkin, Round Stone, Ky.
J. R. Hoffman, Charleston, W. Va.
Jones Lumber Co., Williamsburg, Ky.
Kaufman Bros., Hawesville, Ky.
McConnell Mfg. Co., Hornersville, N. Y.
Jno. McDowell, Mound City, Ill.
Moore & McFerrin, Memphis, Tenn.
Potter & Condict, Hartford, Ky.
A. Roberson & Son, Binghamton, N. Y. *27
H. H. Sheip Mfg. Co., Columbia & Randolph Sts., Phila., Pa.

KK. REDWOOD.
W. J. Adams, San Francisco, Cal.
Bear Harbor Lumber Co., Bear Harbor, Cal.
Calaveras Big Tree Co., Big Trees, Cal.
Excelsior Redwood Co., Channel & 4th, San Francisco, Cal.
J. M. Griffith Co., Los Angeles, Cal.
Hobbs, Wall & Co., Inc., Crescent City, Cal.
McKay & Co., Inc., Eureka, Cal.
Mendocino Lumber Co., San Francisco, Cal.
Navarro Mill Co., San Francisco, Cal.
Pudding Creek Lumber Co., Fort Bragg, Cal.

LL. SASH, DOOR & BLIND LUMBER.
Variety Works Co., Dawson, Ga.

MM. SPRUCE.
Oliver Beman, La Veta, Col.
Berlin Mills Co., 404 Commercial St., Portland, Me.
Blackwater Lumber Co., Inc., Davis, W. Va.
J. L. Rumbarger Lumber Co., Dobbin, W. Va.
Wilson Lumber Co., Wilson, W. Va.

NN. STRIP LUMBER.
Burton Handle Co., Burton, O.

OO. SYCAMORE.
Estate of James Bell, Ullin, Ill.

PP. THIN LUMBER.
Louisville Veneer Mills, Louisville, Ky.

QQ. WALNUT.
Bowman Lumber Co., St. Albans, W. Va.
Garetson-Greason Lumber Co., Poplar Bluff, Mo.
Geo. W. Hilliard, Brighton, Ill.
J. R. Hoffman, Charleston, W. Va.
Jones Lumber Co., Williamsburg, Ky.
Langford & Hall Lumber Co., Fulton, Ill.
C. F. Liebke Hardwood Mill & Lumber Co., St. Louis, Mo.

360. MANHOLE CASTINGS.
Thomas Carlin's Sons, Allegheny, Pa.

361. MANHOLE DOORS.
William Heiser, 114 Clinton St., Buffalo, N. Y.

362. MANHOLE FRAMES.
Coffin Valve Co., Neponset, Mass.
Ill. Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.

363. MANHOLE HOODS.
Erie City Iron Works, Erie, Pa.

364. MANTELS.
Hafner & Lothman Mfg. Co., St. Louis, Mo.
Joseph S. Miller, 1210 Ridge Av., Philadelphia, Pa.

A. IRON MANTELS.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Lithgow Mfg. Co., Louisville, Ky.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Scanlon & Co., Louisville, Ky.
H. Wetter Mfg. Co., Memphis, Tenn.

B. MANTEL TOPS.
C. Ehman & Co., 1201 W. Superior St., Chicago, Ill.
Sprague, Smith Co., 72 Moffat St., Chicago, Ill.

C. MARBLEIZED SLATE MANTELS & WAINSCOATING.
Billings Mantel & Tile Works, Troy, N. Y.
E. Bangor Consolidated Slate Co., E. Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Monson-Burmah Slate Co., Portland, Me.

D. MARBLE MANTELS.
Burlington Mfg. Co., Burlington, Vt.
Conover Fireplace Mfg. Co., 7 W. 30th St., New York.
Robert C. Fisher & Co., 97 E. Houston St., New York.

E. SLATE MANTELS.
Aiken & Co., Pittsburg, Pa.
Billings Mantel & Tile Works, Troy, N. Y.
E. Bangor Consolidated Slate Co., E. Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Matthew Hall, 1927 Market St., Philadelphia, Pa.
Monson-Burmah Slate Co., Portland, Me.
Penrhyn Slate Co., 101 E. 17th St., New York.

Scanlon & Co., Louisville, Ky.

F. SLATE MANTEL STOCK.
E. Bangor Consolidated Slate Co., E. Bangor, Pa.
E. L. Goodrich & Co., Fair Haven, Vt.
Old Bangor Slate Co., Bethlehem, Pa.

G. TERRA-COTTA MANTELS.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.

H. WOOD MANTELS.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Bradley & Currier Co., 119 W. 23d St., New York.
Conover Fireplace Mfg. Co., 7 W. 30th St., New York.
E. Rockford Mantel Co., Rockford, Ill.
C. Ehman & Co., 1201 W. Superior St., Chicago, Ill.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
Irving & Casson, 150 Boylston St., Boston, Mass.
Lee, Holland & Co., Buffalo, N. Y.
Wm. B. Mershon & Co., Inc., E. Saginaw, Mich.
Robert Mitchell Furniture Co., 111 W. 4th St., Cinn., O.
Murphy & Diebold, Pittsburg, Pa.
Ohio Furniture Co., Columbus, O.
A. Roberson & Son, Binghamton, N. Y. *27
Scanlon & Co., Louisville, Ky.
J. Gibb Smith & Co., New Haven, Conn.
Sprague, Smith Co., 72 Moffat St., Chicago, Ill.
Tell City Desk Co., Tell City, Ind.
H. H. Wiggers & Sons Furn. Co., Cincinnati, O.

365. MOULDINGS.

Bardwell-Robinson Co., Minneapolis, Minn.
Bohn Mfg. Co., St. Paul, Minn.
Bradley & Currie Co., 119 W. 23d St., New York.
Carr, Ryder & Adams Co., Dubuque, Iowa.
Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
Conlee Lumber Co., Oshkosh, Wis.
Cream City Sash & Door Co., Milwaukee, Wis.
Cross, Austin & Ireland Lbr. Co., 558 Kent Av., Bklyn., N. Y.
W. S. Dunn & Co., 66 W. Broadway, New York.
Empire Moulding Works, Rochester, N. Y.
Farley & Loetscher Mfg. Co., Dubuque, Iowa.
A. J. Griffin, Cohoes, N. Y.
Hafner-Lothman Mfg. Co., Dock & Main Sts., St. Louis, Mo.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
Hall & Munson Co., Bay Mills, Mich. *4
Hargreaves Mfg. Co., Detroit, Mich.
Chas. Husche, 111 W. Superior St., Chicago, Ill.
Huttig Bros. Mfg. Co., Muscatine, Iowa.
Huttig Sash & Door Co., Dock & Main Sts., St. Louis, Mo.
Laird-Norton Co., Winona, Minn.
Langford & Hall Lumber Co., Fulton, Ill.
Lee, Holland & Co., Buffalo, N. Y.
W. & A. McArthur Co., Ltd., Cheboygan, Mich.
Wm. B. Mershon & Co., E. Saginaw, Mich.
Morgan Iron Works, Spartanburg, S. C.
Murphy & Diebold, Pittsburg, Pa.
Muscatine Sash Door Co., Muscatine, Iowa.
Nudd & Taylor, Minneapolis, Minn.
Paine Lumber Co., Oshkosh, Wis.
Pape Bros. Moulding Co., 155 W. 4th St., Cincinnati, O.
Park, Winton & True, Addison, N. Y.
A. Roberson & Son, Binghamton, N. Y. *27
John L. Roper Lumber Co., Norfolk, Va.
O. Rudolph, 1 Marion St., New York.
Schaber, Reinthal & Co., Cleveland, O.
A. Schafft, Newark, N. J.
Smith Woodwork Co., 312 E. 95th St., New York.
South Pittsburg Planing Mill Co., Pittsburg, Pa.
Southern Pine Co. of Georgia, Savannah, Ga.
Syracuse Moulding Co., Syracuse, N. Y.
Toledo Moulding Co., Toledo, O.
J. R. Webber Mould. Co., 21st St. & Cass Av., St. Louis, Mo.
J. J. White, McComb City, Miss.
Willer Mfg. Co., Milwaukee, Wis.
Williams & Marvin, Deep River, Conn.
Winona Lumber Co., Winona, Minn.
Wis. Land & Lumber Co., Hermansville, Mich.

A. CARVED MOULDINGS.
A. Schrafft, Newark, N. J.

B. CYPRESS MOULDINGS.
Cypress Lumber Co., Apalachicola, Fla.
Ramos Lumber Mfg. Co., Ltd., Ramos, La.

C. ELECTRICAL SERVICE MOULDINGS.
H. H. Sheip Mfg. Co., Columbia Av. & Randolph, Phila., Pa.

D. HARDWOOD MOULDINGS. Schaber, Reinthal & Co., Cleveland, O.
E. HOUSE FINISHING MOULDINGS. Curtis Bros. & Co., Clinton, Iowa.
F. METAL MOULDINGS. Bridgeport Brass Co., Bridgeport, Conn.
C. Cowles & Co., Inc., New Haven, Conn.
Metal Stamping Co., 386 W. Broadway, New York.
G. SASH DOOR & BLIND MOULDINGS. Variety Works Co., Dawson, Ga.
H. TURNED MOULDINGS. J. E. Knutz, South Bend, Ind.
A. Schrafft, Newark, N. J.

366. NEWEL POSTS. C. G. Blatchley, Swanson & McKean Sts., Philadelphia, Pa.
Huttig Sash Door Co., Dock & Main Sts., St. Louis, Mo.
Morgan Iron Works, Spartanburg, S. C.
Murphy & Diebold, Pittsburg, Pa.
A. Roberson & Son, Binghamton, N. Y. *27
Smith Woodwork Co., 312 E. 95th St., New York.
Southern Pine Co. of Georgia, Savannah, Ga.
Willer Mfg. Co., Milwaukee, Wis.

367. ORNAMENTATION, EXTERIOR.
A. BRONZE CROSSES. J. & R. Lamb, 59 Carmine St., New York.
B. COMPOSITION RELIEF DECORATIONS. Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
C. FINIALS, HOOK. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bergen Mfg. Co., Canton, O.
Champion Iron Co., Kenton, O.
J. C. Ewart & Co., Akron, O.
J. W. Fiske, 39 Park Place, New York.
O. K. Harry Steel Works, St. Louis, Mo.
J. & R. Lamb, 59 Carmine St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
W. H. Mullins, Salem, O.
Van Dorn Iron Works Co., Cleveland, O.
E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.
D. GABLE ORNAMENTS. Muscatine Sash & Door Co., Muscatine, Iowa.
E. IRON CROSSES. J. W. Fiske, 39 Park Place, New York.
J. & R. Lamb, 59 Carmine St., New York,
A. B. & W. T. Westervelt, 102 Chambers St., New York.
F. IRON ROOF CRESTING. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Champion Iron Co., Kenton, O.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Thomas Dimond, 128 W. 33d St., New York.
Ellis & Helfenberger, Indianapolis, Ind.
Emporia Foundry & Machine Works, Emporia, Kan.
J. W. Fiske, 39 Park Place, New York.
O. K. Harry Steel Works, St. Louis, Mo.
Howard & Morse, 45 Fulton St., New York.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Mast, Foos & Co., Springfield, O.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Minneapolis, Minn.
W. H. Mullins, Salem, O.
Rogers Iron Co., Springfield, O.
Variety Iron Works, York, Pa.
A. B. & W. T. Westervelt, 102 Chambers St., New York.
G. ORNAMENTAL COPPER WORK. A. B. & W. T. Westervelt, 102 Chambers St., New York.
H. ORNAMENTAL IRON WORK. Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
City Forge & Iron Works, Dayton, O.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
J. W. Fiske, 39 Park Place, New York.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
J. & R. Lamb, 59 Carmine St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Ornamental Stamping Works, Grand Rapids, Mich.
Rogers Iron Co., Springfield, O.
Shannon Mfg. Co., 11th & Catherine Sts., Philadelphia, Pa.
Springfield Iron Works, Springfield, Mass.
A. B. & W. T. Westervelt, 102 Chambers St., New York.
I. ORNAMENTAL POLES, TURNED. Michigan Pipe Co., Bay City, Mich.
J. ORNAMENTAL ZINC WORK. Mesker & Bro., 421 S. 6th St., St. Louis, Mo.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

K. STONE TRIMMINGS.	F. G. Clarke Blue Stone Co., Oxford, N. Y. Maine Red Granite Co., Red Beach, Me.
368. ORNAMENTATION, INTERIOR.	
A. BRONZE DECORATIONS.	Homer D. Bronson Co., Beacon Falls, Conn.
B. CEILING DECORATIONS.	Janeway & Carpender, New Brunswick, N. J. J. & R. Lamb, 59 Carmine St., New York. McCully & Miles Co., 14 Monroe St., Chicago, Ill.
C. COMPOSITION RELIEF DECORATIONS.	Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
D. MARQUETRIES.	Albert H. Davenport, 96 Washington St., Boston, Mass.
E. ORNAMENTAL PLASTER WORK.	H. Berger's Sons, 101 Fourth Av., New York. Samuel H. French & Co., 4th St. & York Av., Phila., Pa. W. H. Mullins, Salem, O. Nichols & Co., 204 Washington Boulevard, Chicago, Ill.
F. ORNAMENTAL TURNED WORK.	Variety Works Co., Dawson, Ga.
G. ORNAMENTAL WOOD WORK.	Cross, Austin & Ireland Lbr. Co., 558 Kent Av., Brooklyn, N. Y. Hall & Garrison, 1126 Washington Av., Philadelphia, Pa. J. & R. Lamb, 59 Carmine St., New York. Geo. W. Light Mfg. Co., 626 W. Van Buren St., Chicago, Ill. Waddell Mfg. Co., Grand Rapids, Mich.
H. PLASTER & COMPOSITION CASTS.	Berger's Sons, 101 Fourth Av., New York. C. Hennecke Co., Milwaukee, Wis.
I. SCROLL WORK.	Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga. Southern Pine Co., 8 Provident Bldg., Savannah, Ga.
J. SILVER PLATE DECORATIONS.	Homer D. Bronson Co., Beacon Falls, Conn.
K. TURNED ORNAMENTAL POSTS.	Michigan Pipe Co., Bay City, Mich.
L. TWIST & WOOD WORK.	Essex Wood Turning Co., Essex, Conn.
M. WOOD CARVINGS.	Herts Bros., 894 Broadway, New York. D. S. Hess & Co., 316 E. 75th St., New York. A. Kimbel & Sons, 458 Tenth Av., New York. J. & R. Lamb, 59 Carmine St., New York. Andrew Lees, 28 Sudbury St., Boston, Mass. Potter & Stymus Co., 375 Lexington Av., New York.
369. PANELS.	Decorators Supply Co., 209 S. Clinton St., Chicago, Ill. Grand Rapids Veneer Works, Grand Rapids, Mich. Portsmouth Veneer Works, Portsmouth, O. A. Roberson & Son, Binghamton, N. Y. *27
A. VENEER PANELS.	Ahnapee Veneer & Seating Co., Algoma, Wis.
370. PAPER, BUILDING.	Barrett Mfg. Co., 290 Broadway, New York. F. W. Bird & Son, E. Walpole, Mass. W. H. H. Childs, 73 Maiden Lane, New York. C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa. H. H. Hopkins, 50 Dearborn St., Chicago, Ill. Lockport Paper Co., Lockport, N. Y. Mica Roofing Co., 100 William St., New York. Nelson Paper Co., Minneapolis, Minn. Newton Paper Co., Holyoke, Mass. Standard Paint Co., 81 John St., New York. Warren-Ehret Co., N. 13th & Cumberland Sts., Phila., Pa. H. F. Watson Co., Erie, Pa.
A. ASBESTOS PAPER.	H. W. Johns Mfg. Co., 100 William St., New York.
B. BOAT PAPER.	Combined Lock Paper Co., Combined Lock, Wis.
C. DEAFENING PAPER.	F. W. Bird & Son, E. Walpole, Mass.
D. FIREPROOF PAPER.	F. W. Bird & Son, E. Walpole, Mass.
E. SHEATHING PAPER.	H. F. Watson Co., Erie, Pa.
371. PARTITIONS.	
A. ROLLING PARTITIONS.	Jas. G. Wilson, 74 W. 23d St., New York.
B. STAMPED STEEL PARTITIONS.	Kinnear & Gager Co., Columbus, O.
372. PAVEMENTS.	
A. ARTIFICIAL STONE PAVEMENTS.	Wm. Krause & Son, 1621 N. 5th St., Philadelphia, Pa.
B. ASPHALT PAVEMENTS.	Barber Asphalt Paving Co., 11 Broadway, New York. Philip Carey Mfg. Co., Lockland, O.
C. ASPHALT PAVING BLOCKS.	Hastings Pavement Co., 66 Broad St., New York. Warren Chemical & Mfg. Co., 81 Fulton St., New York. Warren-Scharf Asphalt Paving Co., 81 Fulton St., New York.
D. CONCRETE PAVEMENTS.	N. W. Granite & Cement Co., Minneapolis, Minn. Maryland Pavement Co., Baltimore, Md. Wilson & Baillie Mfg. Co., Brooklyn, N. Y.
E. CREOSOTED WOOD PAVING BLOCKS.	Mich. Pipe Co., Bay City, Mich.
F. CROSSWALKS, STONE.	F. G. Clarke Blue Stone Co., Oxford, N. Y.

Cleveland Stone Co., Cleveland, O.

G. CURBING STONE. F. G. Clarke Blue Stone Co., Oxford, N. Y.
Cleveland Stone Co., Cleveland, O.

H. FLAGGING STONE. F. G. Clarke Blue Stone Co., Oxford, N. Y.
Cleveland Stone Co., Cleveland, O.
Augustus Meyers, 542 W. 21st St., New York.

I. PAVING BLOCKS. Haydenville Mining & Mfg. Co., Haydenville, O.
N. Y. & Maine Gran. Paving Block Co., 5 Beekman, New York.
Pioneer Fireproof Construction Co., Ottawa, Ill.

J. VITRIFIED BLOCKS. Terre Haute Brick & Pipe Co., Opera Bldg., Terre Haute, Ind.

373. PICKETS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Beaumont Lumber Co., Beaumont, Tex.
Berlin Mills Co., 404 Commercial St., Portland, Me.
Burlington Lumber Co., Burlington, Iowa.
Conlee Lumber Co., Oshkosh, Wis.
Cyclone Woven Wire Fence Co., Holly, Mich.
Joseph Dessert Lumber Co., Mosinee, Wis.
Knapp, Stout & Co., Menomine, Wis.
Lee, Holland & Co., Buffalo, N. Y.
Lutcher & Moore Lumber Co., Orange, Tex.
Musser Lumber Co., Muscatine, Iowa.
A. Roberson & Son, Binghamton, N. Y. *27
Winona Fence Co., Winona, Minn.
Winona Lumber Co., Winona, Minn.

A. MALLEABLE PICKETS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

374. PIERS, IRON & STEEL. Pennsylvania Bridge Co., Beaver Falls, Pa.
Pennsylvania Steel Co., Steelton, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.

375. PLASTER. J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
Samuel H. French & Co., York Av. & 4th St., Phila., Pa.
F. Godfrey & Bro., Grand Rapids, Mich.
V. C. & C. V. King, 517 West St., New York.
Newark Lime & Cement Mfg. Co., Newark, N. J.
S. Obermayer Co., 18th & Rockwell Sts., Chicago, Ill.

A. ELASTIC PULP PLASTER. T. E. Baird, Toledo, O.

B. FARMERS' PLASTER. J. B. King & Co., 24 State St., New York.

C. HARD WALL PLASTER. American Mfg. Co., Waynesboro, Pa.

D. PLASTER OF PARIS. J. B. King & Co., 24 State St., New York.

376. PLASTERING HAIR. Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
Cover, Drayton & Leonard, 355 N. 3d St., Philadelphia, Pa.
Illinois Leather Co., 400 N. Halsted St., Chicago, Ill.
E. B. & A. C. Whiting, Burlington, Vt.

377. PLATFORMS, STEEL. Krajewski, Pesant & Co., 35 Broadway, New York. *18

378. PLATFORMS, STONE. F. G. Clarke Blue Stone Co., Oxford, N. Y.
E. L. Goodrich & Co., Fair Haven, Vt.
Monson-Burmah Slate Co., Portland, Me.

379. PORCH MATERIALS. F. A. Requarth Co., Dayton, O.

A. PORCH POST IRONS. Wrightsville Hardware Co., Wrightsville, Pa.

380. PORCH TRIMMINGS. Muscatine Sash Door Co., Muscatine, Iowa.

381. PORTABLE HOUSES. Am. Pat. Portable House Mfg. Co., Corona, N. Y.
Grand Rapids Portable House Co., Grand Rapids, Mich.

A. IRON PORTABLE HOUSES. Iron Cottage Co., Grand Rapids, Mich.

382. POSTS.

A. BARBED WIRE POSTS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

B. CAST IRON POSTS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

C. CEDAR POSTS. Burnside Mfg. Co., Burnside, Ky.
H. M. Loud & Sons Lumber Co., Oscoda, Mich.
Prewitt, Spurr & Co., Nashville, Tenn.
John L. Roper Lumber Co., Norfolk, Va.
White Marble Lime Co., Manistique, Mich.
Wis. Land & Lumber Co., Hermansville, Mich.

D. CEDAR POSTS, WHITE. Lindsley Bros., Menominee, Mich.

E. CIRCULAR POSTS. Racine Malleable & Wrought Iron Co., Racine, Wis.

F. ELECTRIC LIGHT LAMP POSTS. Western Electric Co., 227 S. Clinton St., Chicago, Ill.

G. FENCE POSTS, IRON. Avery Stamping Co., Coe & Lake Sts., Cleveland, O.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Champion Iron Co., Kenton, O.
J. W. Fiske, 39 Park Place, New York.
O. K. Harry Steel Works, St. Louis, Mo.
Ewald Over, Indianapolis, Ind.
Van Dorn Iron Works Co., Cleveland, O.

H. FENCE POSTS, STEEL. Avery Stamping Co., Cleveland, O.
De Kalb Fence Co., 450 High St., De Kalb, Ill.
Kokomo Fence Mach. Co., Kokomo, Ind.
Union Fence Co., De Kalb, Ill.

I. HITCHING POSTS.	Arnold Metal Wheel Co., New London, O.
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Battle Creek Steam Pump Co., Battle Creek, Mich.
	John Campbell, Manchester, N. H.
	Champion Iron Co., Kenton, O.
	Covert Mfg. Co., West Troy, N. Y.
	Dickson Mfg. Co., Scranton, Pa.
	J. W. Fiske, 39 Park Place, New York.
	Hartman Mfg. Co., 277 Broadway, New York.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	J. L. Mott Iron Works, 59 Beekman St., New York.
	C. H. Presbrey & Co., Sterling, Ill.
	Rogers Iron Co., Springfield, O.
	Tamaqua Mfg. Co., Tamaqua, Pa.
	Union Fence Co., De Kalb, Ill.
	Van Dorn Iron Works Co., Cleveland, O.
J. LAMP POSTS.	Addyston Pipe & Steel Co., 3d & Walnut Sts., Cincinnati, O.
	Champion Iron Co., Kenton, O.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Dickson Mfg. Co., Scranton, Pa.
	J. W. Fiske, 39 Park Place, New York.
	James R. Floyd's Sons, 539 W. 20th St., New York.
	Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
	Jackson Arch. Iron Works, 315 E. 28th St., New York.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	Pennsylvania Globe Gas Light Co., 248 N. Broad, Phila., Pa.
	Stacey Mfg. Co., 239 Mill St., Cincinnati, O.
	Variety Iron Works, York, Pa.
	A. B. & W. T. Westervelt, 102 Chambers St., New York.
	R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.
K. RAILING POSTS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
L. VERANDA POSTS.	I. X. L. & Goshen Pump Co., Goshen, Ind.

383. PUBLIC BUILDING INTERIORS, STEEL & BRONZE.

Fenton Metallic Mfg. Co., Jamestown, N. Y.

384. RAILINGS.

Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.

A. BALCONY RAILINGS.	J. E. Bolles Iron & Wire Works, Detroit, Mich.
	Henry Braumoeller & Son, 92 W. Van Buren St., Chic., Ill.
	Champion Iron Co., Kenton, O.
	Howard & Morse, 45 Fulton St., New York.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	Van Dorn Iron Works Co., Cleveland, O.
B. BRIDGE RAILINGS.	Rogers Iron Co., Springfield, O.
C. CEDAR RAILINGS.	John L. Roper Lumber Co., Norfolk, Va.
D. CHURCH AND THEATER RAILINGS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.
E. FLOOR RAILINGS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
F. HANDRAILS.	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.
G. IRON RAILINGS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Henry Braumoeller & Son, 92 W. Van Buren St., Chic., Ill.
	Champion Iron Co., Kenton, O.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
	Thos. Dimond, 128 W. 33d St., New York.
	J. W. Fiske, 39 Park Place, New York.
	Fort Worth Iron Works, Fort Worth, Tex.
	Globe Iron Works, 35 Indiana St., Chicago, Ill.
	Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
	Howard & Morse, 45 Fulton St., New York.
	Wm. Kehoe & Co., Savannah, Ga.
	J. & R. Lamb, 59 Carmine St., New York.
	Lincoln Iron Works, Boonton, N. J.
	Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
	Michael Mahony, Troy, N. Y.
	Marshall Bros., Pittsburg, Pa.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	Variety Iron Works, York, Pa.
	A. B. & W. T. Westervelt, 102 Chambers St., New York.
H. RAILING FITTINGS.	Ill. Malleable Iron Co., W. Monroe St., Chicago, Ill.
I. RAILING FITTINGS, BRASS.	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
J. STAIR RAILINGS.	Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
	Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
	A. Roberson & Son, Binghamton, N. Y. *27
	Willer Mfg. Co., Milwaukee, Wis.

385. ROOFING.

A. ANTI-FLAME TIN ROOF COATINGS.	Chicago Fire Proof Covering Co., Chicago, Ill.
B. ASBESTOS ROOFING.	Chicago Fire Proof Covering Co., Chicago, Ill. H. W. Johns Mfg. Co., 100 William St., New York. H. F. Watson Co., Erie, Pa.
C. ASPHALT ROOFING.	Barrett Mfg. Co., 290 Broadway, New York. Warren Chem. & Mfg. Co., 81 Fulton St., New York. H. F. Watson Co., Erie, Pa.
D. CEMENT ROOFING.	Philip Carey Mfg. Co., Lockland, O. Garry Iron & Steel Roofing Co., Merwin St., Cleveland, O. C. W. Hart, Troy, N. Y.
E. CORRUGATED & FORMED ROOFING.	Aetna Standard Iron & Steel Co., Bridgeport, O. Caldwell & Peterson Mfg. Co., Inc., Wheeling, W. Va. Cincinnati Corrugating Co., Piqua, Oo. O. K. Harry Steel Works, St. Louis, Mo. Hyndman Steel Roofing Co., 318 E. 2d St., Cincinnati, O. Lefferts Galvanized Works, 500 E. 20th St., New York. Wheeling Corrugating Co., 81 Fulton St., New York.
F. FELT ROOFING.	Barrett Mfg. Co., 290 Broadway, New York. W. H. H. Childs, 73 Maiden Lane, New York. McClintock & Irvine, South & Snowden, Allegheny, Pa. Mica Roofing Co., 100 William St., New York. N. England Felt Roofing Works, 22 Milk St., Boston, Mass. H. F. Watson Co., Erie, Pa.
G. GALVANIZED IRON ROOFING.	Cincinnati Corrugating Co., Piqua, O. N. O. Roof. & Metal Works, 92 Lafayette St., N. Orleans, La. Wheeling Corrugating Co., 81 Fulton St., New York.
H. GRANITE ROOFING.	Eastern Granite Roofing Co., Jersey City, N. J.
I. GRAVEL ROOFING.	Barrett Mfg. Co., 290 Broadway, New York.
J. IRON ROOFING.	Aetna Standard Iron & Steel Co., Bridgeport, O. Bergen Mfg. Co., Canton, O. Cincinnati Corrugating Co., Piqua, O. Davis & Farmer Mfg. Co., Waltham, Mass. S. L. Erwin & Co., Ladonia, Tex. Garry Iron & Steel Roofing Co., Cleveland, O. Holton Iron & Steel Roofing Co., New Lisbon, O. Hyndman Steel Roofing Co., 318 E. 2d St., Cincinnati, O. Livermore Foundry & Mach. Co., Memphis, Tenn. New Jersey Steel & Iron Co., Trenton, N. J. Sykes Iron & Steel Roofing Co., Niles, O. Thompson Mfg. Co., Cleveland, O. E. Van Noorden & Co., 383 Harrison Av., Boston, Mass. Wheeling Corrugating Co., 81 Fulton St., New York.
K. IRON SHINGLE BANDS.	Walter A. Zelnicker, 202 N. 3d St., St. Louis, Mo.
L. MATERIALS, ROOFING.	Cortright Metal Roofing Co., 50 N. 23d St., Philadelphia, Pa. Eastern Granite Roofing Co., Jersey City, N. J. John Galt & Sons, 253 Broadway, New York. H. W. Johns Mfg. Co., 100 William St., New York. Martin Co., 163 Pearl St., New York. Mica Roofing Co., 100 William St., New York. Warren Chem. & Mfg. Co., 81 Fulton St., New York. H. F. Watson Co., Erie, Pa.
M. METALLIC HIP COVERING.	Cortright Metal Roofing Co., 50 N. 23d St., Philadelphia, Pa.
N. PAINTED ROOFINGS.	Wheeling Corrugating Co., 81 Fulton St., New York.
O. RIDGE ROLL.	N. O. Roofing & Met. Wks., 92 Lafayette St., N. Orleans, La.
P. ROOF COATINGS.	Chicago Fire Proof Covering Co., 48 Franklin, Chicago, Ill. Southern Log. Cart. & Supply Co., Mobile, Ala.
Q. ROOF COATINGS, ASBESTOS.	H. F. Watson Co., Erie, Pa.
R. ROOFING CEMENT.	Chicago Fire Proof Covering Co., 48 Franklin St., Chicago, Ill. Chilton Mfg. Co., 147 Fulton St., New York. Clinton Metallic Paint Co., Clinton, N. Y.
S. ROOFING PAPER.	Armitage Mfg. Co., Williamsburg Av., Richmond, Va. F. W. Bird & Son, E. Walpole, Mass. Cleveland Paper Co., Cleveland, O. Fay Manilla Roofing Co., Camden, N. J. Fox Paper Co., Lockland, O. George Friend Paper & Tablet Co., W. Carrollton, O. Haldeman Paper Co., Lockland, O. H. H. Hopkins, 50 Dearborn St., Chicago, Ill. Mica Roofing Co., 100 William St., New York. James Peters & Co., Latrobe, Pa. Standard Paint Co., 81 John St., New York. J. H. Tangeman & Co., Lockland, O. Warren Chem. & Mfg. Co., 81 Fulton St., New York.

H. F. Watson Co., Erie, Pa.

T. ROOFING PITCH.
Armitage Mfg. Co., 3200 Williamsburg Av., Richmond, Va.
Barrett Mfg. Co., 290 Broadway, New York.
Mica Roofing Co., 100 William St., New York.
Warren Chem. & Mfg. Co., 81 Fulton St., New York.

U. ROOFING PITCH, ASPHALT.
Philip Carey Mfg. Co., Lockwood, O.

V. SHINGLES, CLAY.
Birmingham Fire Brick Works, Birmingham, Ala.

W. SHINGLES, METALLIC.
Cincinnati Corrugating Co., Piqua, O.
Cincinnati Stamping Co., 386 Walnut St., Cincinnati, O.
Cortright Metal Roofing Co., 50 N. 23d St., Philadelphia, Pa.
Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.
Garry Iron & Steel Roofing Co., 152 Merwin St., Cleveland, O.
Hyndman Steel Roofing Co., 318 E. 2d St., Cincinnati, O.
Merchant & Co., Inc., 517 Arch St., Philadelphia. Pa.
Montross Metal Shingle Co., Camden, N. J.

X. SHINGLES, WOODEN.
Atlanta Lumber Co., Atlanta, Ga.
A. A. Bigelow & Co., Washburn, Wis.
Berlin Mills Co., 404 Commercial St., Portland, Me.
Buckley & Douglas Lumber Co., Manistee, Mich.
Butters & Peters Salt & Lumber Co., Ludington, Mich.
Cable Lumber Co., Davenport, Iowa.
Canfield Salt & Lumber Co., Manistee, Mich.
Clough & Hurd, Minneapolis, Minn.
Cummer & Diggins, Cadillac, Mich.
Cypress Lumber Co., Apalachicola, Fla.
Joseph Dessert Lumber Co., Mosinee, Wis.
Dimock, Gould & Co., Moline, Ill.
Gould Mfg. Co., Oshkosh, Wis.
Grand & Caven Lumber Co., Grand Haven, Mich.
Hilton & Dodge Lumber Co., Darien, Ga.
Kansas City & Southern Lumber Co., Kansas City, Mo.
Knapp, Stout & Co., Menomonie, Wis.
Laird-Norton Co., Winona, Minn.
C. Lamb & Sons, Inc., Clinton, O.
Langford & Hall Lumber Co., Fulton, Ill.
Lindsley Bros., Menomonie, Mich.
Lindsay & Phelps Co., Davenport, Iowa.
Loomis & Hart Mfg. Co., Chattanooga, Tenn.
H. M. Loud & Sons Lumber Co., Oscoda, Mich.
Lutcher & Moore Lumber Co., Orange, Tex.
McMullin & Co., Minneapolis, Minn.
Mitchell Bros., Cadillac, Mich.
Murphy Lumber Co., Green Bay, Wis.
Musser Lumber Co., Muscatine, Iowa.
Navarro Mill Co., San Francisco, Cal.
Nelson Tenney Lumber Co., Minneapolis, Minn.
Northwestern Lumber Co., Porters Mills, Wis.
N. Wisconsin Lumber Co., Hayward, Wis.
Palmer, Fuller & Co., Inc., W. 22d & S. Union, Chicago, Ill.
Philibert & Johanning Mfg. Co., 1502 Market, St. Louis, Mo.
Radford Bros. & Co., Oshkosh, Wis.
Reed & Sherwood, Anoka, Minn.
Rice Lake Lumber Co., Rice Lake, Wis.
Rock Island Lumber & Mfg. Co., Rock Island, Ill.
John L. Roper Lumber Co., Norfolk, Va.
W. M. Ross & Son, Bay City, Mich.
Louis Sands, Manistee, Mich.
Sawyer, Goodman & Co., 1215 Old Colony Bldg., Chicago, Ill.
Wm. Schuette & Co., Pittsburg, Pa.
Daniel Shaw Lumber Co., Eau Claire, Wis.
Southern Pine Co. of Georgia, Savannah, Ga.
Standard Lumber Co., Dubuque, Iowa.
Vanderbilt & Hopkins, 120 Liberty St., New York.
J. Week Lumber Co., Stevens Point, Wis.
White Marble Lime Co., Manistique. Mich.
White River Lumber Co., Mason, Wis.
Winona Lumber Co., Winona, Minn.
Wisconsin Land & Lumber Co., Hermansville, Mich.
W. B. Wright Co., Pensacola, Fla.
A. W. Wright Lumber Co., Saginaw, Mich.
W. J. Young & Co., Inc., Clinton, Iowa.

Y. SLATE, ROOFING.
Auld & Conger, Cleveland, O.
Bangor Excelsior Slate Co., Easton, Pa.
E. Bangor Consolidated Slate Co., E. Bangor, Pa.
Griffith & Nathaniel, Poultney, Vt.
Mesker & Bro., 421 S. 6th St., St. Louis, Mo.

Monson-Burmah Slate Co., Portland, Me.
Old Bangor Slate Co., Bethlehem, Pa.
Penrhyn Slate Co., 101 E. 17th St., New York.
Slatington-Bangor Slate Syn., Slatington, Pa.

Z. STANDING SEAM ROOFING. Cincinnati Corrugating Co., Piqua, O.

AA. STEEL ROOFING. Caldwell & Peterson Mfg. Co., Inc., Wheeling, W. Va.
Cambridge Roofing Co., Cambridge, O.
Cincinnati Corrugating Co., Piqua, O.
Globe Iron Roofing & Corrugating Co., 81 E. Front, Cinn., O.
Hyndman Steel Roofing Co., 318 E. 2d St., Cincinnati, O.
St. Paul Roof, Cornice & Ornament Co., St. Paul, Minn.
E. E. Souther Iron Co., 932 N. 2d St., St. Louis, Mo.
Wheeling Corrugating Co., 81 Fulton St., New York.

BB. TARRED ROOFING. Mica Roofing Co., 100 William St., New York.
Warren Chemical & Mfg. Co., 81 Fulton St., New York.
H. F. Watson Co., Erie, Pa.

CC. TERRA-COTTA HIP ROLLS. J. C. Ewart & Co., Akron, O.

DD. TILE, GALVANIZED IRON, ROOFING. Forderer Cornice Works, San Francisco, Cal.

EE. TILE, METALLIC, ROOFING. Cortright Metal Roofing Co., 50 N. 23d St., Philadelphia, Pa.

FF. TILE, VITRIFIED, ROOFING. N. Clark & Sons, Inc., San Francisco, Cal.
Clay Shingle Co., Indianapolis, Ind.
J. C. Ewart & Co., Akron, O.

GG. TIN ROOFING. Montague & Co., Chattanooga, Tenn.

HH. TIN ROOFING WASHERS. Troy Stamping Works, Troy, N. Y.

II. V CRIMP ROOFING. Cincinnati Corrugating Co., Piqua, O.

386. ROOFS.

A. IRON ROOFS. Bartlett, Hayward & Co., Baltimore, Md.
Berlin Iron Bridge Co., E. Berlin, Conn.
M. S. Cartter & Co., 202 Laclede Bldg., St. Louis, Mo.
Chas. H. Conner & Co., Inc., Louisville, Ky.
Continental Iron Works, Brooklyn, N. Y.
J. B. & J. M. Cornell, 143 Centre St., New York.
Thos. Dimond, 128 W. 33d St., New York.
Edge Moor Iron Co., Wilmington, Del.
Farrel, Logan & Son, Commercial & Clay, Brooklyn, N, Y.
Globe Iron Works, 35 Indiana St., Chicago, Ill.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
Passaic Rolling Mills Co., Paterson, N. J.
Pennsylvania Steel Co., Steelton, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Pittsburg Bridge Co., Pittsburg, Pa.
Riter-Conly Co., Pittsburg, Pa.
Stacey Mfg. Co., 239 Mill St., Cincinnati, O.
Trenton Iron Co., Trenton, N. J.
Walton Iron Co., 524-526 E. 5th St., Cincinnati, O.
R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.
Wrought Iron Bridge Co., Canton, O.

B. IRON TRUSS ROOFS. J. B. & J. M. Cornell, 143 Centre St., New York.
Pennsylvania Steel Co., Steelton, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.

C. STEEL ROOFS. Berlin Iron Bridge Co., East Berlin, Conn.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Detroit Bridge & Iron Works, Detroit, Mich.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Pennsylvania Steel Co., Steelton, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Shiffler Bridge Co., Pittsburg, Pa.

387. ROOF WATER CONDUCTORS.

Thompson Mfg. Co., Cleveland, O.
E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.
Wheeling Corrugating Co., 81 Fulton St., New York.

388. SANITARY SLATE WORK.

E. Bangor Consolidated Slate Co., E. Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
E. L. Goodrich & Co., Fair Haven, Vt.
Monson-Burmah Slate Co., Portland, Me.
Old Bangor Slate Co., Bethlehem, Pa.
Penrhyn Slate Co., 101 E. 17th St., New York.

389. SASH.

Bardwell-Robinson Co., Minneapolis, Minn.
Bohn Mfg. Co., St. Paul, Minn.
Chas. Boller & Sons, Buffalo, N. Y.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.

W. Brewer, Birmingham, Ala.
Brinkley Car Works & Mfg. Co., Brinkley, Ark.
Champlain Mfg. Co., Burlington, Vt.
Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
Clough & Hurd, Minneapolis, Minn.
Cream City Sash & Door Co., Milwaukee, Wis.
Curtis Bros. & Co., Clinton, Iowa.
M. A. Disbrow & Co., Inc., Omaha, Neb.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Farley & Loetscher Mfg. Co., Dubuque, Iowa.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Gould Mfg. Co., Oshkosh, Wis.
A. J. Griffin, Cohoes, N. Y.
Hafner-Lothman Mfg. Co., St. Louis, Mo.
Hall & Munson Co., Bay Mills, Mich. *4
C. S. Heyser & Sons, Jackson, Mich.
Huttig Sash & Door Co., Dock & Main St., St. Louis, Mo.
Hutting Bros. Mfg. Co., Muscatine, Iowa.
Laird Norton Co., Winona, Minn.
Lord & Burnham Co., Irvington-on-Hudson, N. Y.
Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga.
Mathews Bros., Belfast, Me.
Mechanics' Planing Mill Co., St. Louis, Mo.
Wm. B. Mershon & Co., E. Saginaw, Mich.
Morgan Iron Works, Spartanburg, S. C.
Murphy & Diebold, Pittsburg, Pa.
Muscatine Sash-Door Co., Muscatine, Iowa.
Paine Lumber Co., Oshkosh, Wis.
Palmer, Fuller & Co., Inc., W. 22d & S. Union, Chicago, Ill.
Park, Winton & True, Addison, N. Y.
Philibert & Johanning Mfg. Co., 1502 Market, St. Louis, Mo.
Prewitt, Spurr & Co., Nashville, Tenn.
Radford Bros. & Co., Oshkosh, Wis.
Ramos Lumber & Mfg. Co., Ltd., Ramos, La.
Reed & Sherwood, Anoka, Minn.
F. A. Requarth Co., Dayton, O.
A. Roberson & Son, Binghamton, N. Y. *27
E. L. Roberts & Co., W. 22d, cor. Union Place, Chicago, Ill.
Rock Island Lumber & Mfg. Co., Rock Island, Ill.
Smith & Wyman, Minneapolis, Minn.
S. Pittsburg Planing Mill Co., Pittsburg, Pa.
Swain & Hudson, Marysville, Cal.
Joseph Weaver & Sons, Canton, O.
W. J. Whitehurst, Richmond, Va.
Williams & Hunting Co., Cedar Rapids, Iowa.
Wilson & Bro., Inc., San Francisco, Cal.
Winona Lumber Co., Winona, Minn.
Youmans Bros. & Hodgins, Inc., Winona, Minn.

A. IRON SASHES.
Henry Braumoeller & Son, 92 W. Van Buren St., Chic., Ill.
Champion Iron Co., Kenton, O.
Ft. Scott Foundry & Machine Co., Ft. Scott, Kan.

390. SEWER CONNECTIONS.
Rogers Iron Co., Springfield, O.

391. SEWER GATES.
Coffin Valve Co., Neponset, Mass.

392. SEWER INLETS.
Rogers Iron Co., Springfield, O.

393. SEWER MANHOLES.
Springfield Foundry Co., Springfield, Mass.

394. SHAFTING, METALLIC.
Cincinnati Corrugating Co., Piqua, O.

395. SHEATHING.

A. ASBESTOS SHEATHING.
H. W. Johns Mfg. Co., 100 William St., New York.
Keasbey & Mattison Co., Ambler, Pa.
H. F. Watson Co., Erie, Pa.

B. COPPER SHEATHING.
Ansonia Brass & Copper Co., Ansonia, Conn.
Baltimore Copper Smelting & Rolling Co., Baltimore, Md.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
C. G. Hussey & Co., Pittsburg, Pa.
New Haven Copper Co., Seymour, Conn.
Taunton Copper Mfg. Co., Taunton, Mass.

C. COTTON SHEATHING.
Columbia Mfg. Co., Ramseur, N. C.

D. PAPER SHEATHING.
F. W. Bird & Son, E. Walpole, Mass.
Fay Manilla Roofing Co., Camden, N. J.
M. J. Lawless & Co., Marcellus Falls, N. Y.
Lydall & Foulds Paper Co., Manchester, Conn.
John Roberts & Son Co., Waltham, Mass.
Standard Paint Co., 81 John St., New York.
H. F. Watson Co., Erie, Pa.

E. PAPER SHEATHING, WATERPROOF	F. W. Bird & Son, E. Walpole, Mass. Hammerschlag Mfg. Co., 234 Greenwich St., New York. H. F. Watson Co., Erie, Pa.
F. WOOL SHEATHING.	Henderson Cotton Mills, Henderson, Ky.
G. YELLOW METAL SHEATHING.	Holmes, Booth & Haydens, Inc., Waterbury, Conn. New Bedford Copper Co., New Bedford, Mass. Taunton Copper Mfg. Co., Taunton, Mass.
H. ZINC SHEATHING.	Taunton Copper Mfg. Co., Taunton, Mass.
396. SHUTTERS.	
A. IRON SHUTTERS.	S. B. Althause & Co., 101 Thompson St., New York. Berlin Iron Bridge Co., East Berlin, Conn. J. E. Bolles Iron & Wire Works, Detroit, Mich. Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill Champion Iron Co., Kenton, O. Christopher & Simpson Arch. I. & Fndy. Co., St. Louis, Mo. Cincinnati Corrugating Co., Piqua, O. J. B. & J. M. Cornell, 143 Centre St., New York. Edward Darby & Sons, 233 Arch St., Philadelphia, Pa. Thos. Dimond, 128 W. 33d St., New York. Emporia Foundry & Machine Works, Emporia, Kan. J. W. Fiske, 39 Park Place, New York. Garry Iron & Steel Roof. Co., 152 Merwin St., Cleveland, O. Jackson Arch. Iron Works, 315 E. 28th St., New York. Lincoln Iron Works, Boonton, N. J. Mesker & Bro., 421 S. 6th St., St. Louis, Mo. Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York. Van Dorn Iron Works Co., Cleveland, O. A. B. & W. T. Westervelt, 102 Chambers St., New York.
B. IRON SHUTTERS, ROLLING.	J. B. & J. M. Cornell, 143 Centre St., New York. Thos. Dimond, 128 W. 33d St., New York. Jas. G. Wilson, 74 W. 23d St., New York.
C. SLIDING SHUTTERS.	Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
D. STEEL SHUTTERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill. Cincinnati Corrugating Co., Piqua, O.
E. STEEL SHUTTERS, ROLLING.	Kinnear & Gager Co., Columbus, O.
F. WOOD SHUTTERS.	Lee, Holland & Co., Buffalo, N. Y. A. Roberson & Son, Binghamton, N. Y. *27 Watson & Robinson, 32 Queen St., Philadelphia, Pa. Willer Mfg. Co., Milwaukee, Wis.
397. SIDING.	Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
A. CORRUGATED & FORMED SIDING.	Aetna Standard Iron & Steel Co., Bridgeport, O.
B. FACE SIDING, BRICK.	O. K. Harry Steel Works, St. Louis, Mo.
C. FACE SIDING, ROCK.	Cincinnati Corrugating Co., Piqua, O. O. K. Harry Steel Works, St. Louis, Mo.
D. IMITATION BRICK SIDING, IRON.	Cincinnati Corrugating Co., Piqua, O.
E. IMITATION BRICK SIDING, STEEL.	Cincinnati Corrugating Co., Piqua, O.
F. IRON SIDING, CORRUGATED.	Cincinnati Corrugating Co., Piqua, O.
G. METALLIC SIDING.	Canton Steel Roofing Co., Canton, O. Cincinnati Corrugating Co., Piqua, O. Cortright & Metal Roofing Co., 50 N. 23d St., Phila., Pa. Garry Iron & Steel Refining Co., Cleveland, O. Hyndman Steel Roofing Co., 318 E. 2d St., Cincinnati, O. Thompson Mfg. Co., Cleveland O. Wheeling Corrugating Co., 81 Fulton St., New York.
H. STEEL BRICK SIDING, GALVANIZED.	Wheeling Corrugating Co., 81 Fulton St., New York.
I. STEEL SIDING.	Wheeling Corrugating Co., 81 Fulton St., New York.
J. STEEL SIDING, CORRUGATED.	Cincinnati Corrugating Co., Piqua, O.
K. STEEL STONE SIDING, GALVANIZED.	Wheeling Corrugating Co., 81 Fulton St., New York.
L. TIN SIDING.	Wheeling Corrugating Co., 81 Fulton St., New York.
398. SKYLIGHTS.	Bay State Metal Works, Cambridgeport, Mass. Chattanooga Steel Roofing Co., Chattanooga, Tenn. J. B. & J. M. Cornell, 143 Centre St., New York. Dauchy Iron Works, 84 Illinois St., Chicago, Ill. Thos. Dimond, 128 W. 33d St., New York. Forderer Cornice Works, San Francisco, Cal. Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa. Globe Iron Works, 35 Indiana St., Chicago, Ill. Geo. Hayes, 71 8th Av., New York.

Jackson Arch. Iron Works, 315 E. 28th St., New York.
Mesker & Bro., 421 S. 6th St., St. Louis, Mo.
Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
Rasner & Dinger, Pittsburg, Pa.
Rodefer Bros., Bellaire, O.
N. O. Roof. & Metal Works, 92 Lafayette St., N. Orleans, La.
John Seton, 78 Washington Av., Brooklyn, N. Y.
Vaile & Young, Baltimore, Md.
E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.

A. SKYLIGHT TRANSLUCENT FABRIC, A GLASS SUBSTITUTE. — Translucent Fabric Co., Quincy, Ill.

399. SLUICE GATES. — Coffin Valve Co., Neponset, Mass.

400. STAIRWORK.

A. IRON SPIRAL STAIRCASES. — J. W. Fiske, 39 Park Place, New York.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Morgan Iron Works, Spartanburg, S. C.
Morris Machine Works, Baldwinsville, N. Y.

B. IRON STAIRS. — Champion Iron Co., Kenton, O.
Chickasaw Iron Works, Memphis, Tenn.
J. B. & J. M. Cornell, 143 Centre St., New York.
Thos. Dimond, 128 W. 33d St., New York.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
Kansas City Wire & Iron Works, Kansas City, Mo.
Lincoln Iron Works, Boonton, N. J.
Rogers Iron Co., Springfield, O.
Shannon Mfg. Co., 11th & Catherine Sts., Philadelphia, Pa.
Van Dorn Iron Works Co., Cleveland, O.
Variety Iron Works, York, Pa.

C. SLATE STAIRWORK. — Billings Mantle & Tile Works, Troy, N. Y.
E. Bangor Consolidated Slate Co., E. Bangor, Pa.
Joseph S. Miller, 1210 Ridge Av., Philadelphia, Pa.
Old Bangor Slate Co., Bethlehem, Pa.
Penrhyn Slate Co., 101 E. 17th St., New York.

D. STAIR CABINET WORK. — Newburg Furniture Mfg. Co., 37 Lander St., Newburg, N. Y.

E. STAIR MATERIALS. — F. A. Requarth Co., Dayton, O.

F. STAIR STEPS & RISERS. — Monson-Burmah Slate Co., Portland, Me.

G. STEP BRACKETS. — H. B. Smith Co., Westfield, Mass.

H. WOOD STAIRWORK. — Champlain Mfg. Co., Burlington, Vt.
Curtis Bros. & Co., Clinton, Iowa.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Huttig Sash & Door Co., Dock & Main Sts., St. Louis, Mo.
Macon Sash, Door & Lumber Co., 514 4th St., Macon, Ga.
Muscatine Sash-Door Co., Muscatine, Iowa.
A. Roberson & Son, Binghamton, N. Y. *27
J. Gibb Smith Co., New Haven, Conn.
Willer Mfg. Co., Milwaukee, Wis.

401. STONE, BUILDING. — Buffalo Cement Co., Ltd., 110 Mankin St., Buffalo, N. Y.
F. G. Clarke Blue Stone Co., Oxford, N. Y.
Cleveland Stone Co., Cleveland, O.

A. ARTIFICIAL STONE. — Wm. Krause & Son, 1621 N. 5th St., Philadelphia, Pa.
Charles Kuhle Artificial Stone Co., 91 W. Canal, Cincinnati, O.
Pierce Mfg. Co., Bridgeport, Conn.
Racine Cement & Pipe Co., Racine, Wis.
Joseph Sharpe, Paterson, N. J.

B. BLUE STONE. — F. G. Clarke Blue Stone Co., Oxford, N. Y.
Con. Kansas City Smelting & Refining Co., Argentine, Kan.
Thos. J. Dunn, 444 E. 68th St., New York.
Malone Stone Co., Cleveland, O.
Pennsylvania Salt Mfg. Co., 115 Chestnut St., Phila., Pa.
Warsaw Blue Stone Co., Warsaw, N. Y.

C. BROWN STONE. — Robinson, Gill & Sons, ft. E. 106th St., New York.
M. C. Henry & Co., 405 E. 104th St., New York.
Hummelstown Brown Stone Co., Waltonville, Pa.
New England Brown Stone Co., Cromwell, Conn.

D. CRUSHED STONE. — Buffalo Cement Co., Ltd., 110 Mankin St., Buffalo, N. Y.
Tompkins Cove Stove Co., Tompkins Cove, N. Y.
White Marble Lime Co., Manistique Mich.

E. FOUNDATION STONE. — Maine Red Granite Co., Red Beach, Me.
New England Brown Stone Co., Cromwell, Conn.
Phila. & Conshohocken Stone Quarry Co., 216 S. 4th, Phila., Pa.

F. FREESTONE. — David Hummel Bldg. Co., 726 Freeman Av., Cincinnati, O.
Malone Stone Co., Cleveland, O.

G. GRANITE. — McClenahan & Bro. Granite Co., Port Deposit, Md.
Wm. C. Townsend, Zanesville, O.

H. GRANITE, DRESSED. — Hallowell Granite Co., Hallowell, Me.

I. GRANITE, RED.	Maine Red Granite Co., Red Beach, Me.
J. GRANITE, ROUGH.	Bodwell Granite Co., Rockland, Me.
	Brandywine Granite Co., Wilmington, Del.
	Hallowell Granite Co., Hallowell, Me.
	Maine Red Granite Co., Red Beach, Me.
	Mount Waldo Granite Works, Frankfort, Me.
	New England Granite Works, Hartford, Conn.
	Smith Granite Co., Westerly, R. I.
K. GRANITE, WHITE.	Knowles, Taylor & Knowles Co., E. Liverpool, O.
L. LIME STONE.	Le Grand Quarry Co., Marshalltown, Iowa.
	Malone Stone Co., Cleveland, O.
M. MARBLE.	Burlington Mfg. Co., Burlington, Vt.
	Adolph Klaber, 238 E. 57th St., New York.
	Le Grand Quarry Co., Marshalltown, Iowa.
	N. O. Nelson Mfg. Co., 8th & St. Charles Sts., St. Louis, Mo.
	Nolta Consolidated Marble Iron & Talc Co., Kinsey, N. C.
	Sharpless & Watts, 1522 Chestnut St., Philadelphia, Pa.
	Sherman & Flavin, 2505 State St., Chicago, Ill.
	Wm. C. Townsend, Zanesville, O.
N. MARBLE, PLUMBERS'.	N. O. Nelson Mfg. Co., 8th & St. Charles Sts., St. Louis, Mo.
O. MARBLE, SAWED & FINISHED.	Vermont Marble Co., Proctor, Vt.
P. PLANED STONE.	F. G. Clarke Blue Stone Co., Oxford, N. Y.
Q. RED SANDSTONE.	Portage Entry Quarries Co., Security Bldg., Chicago, Ill.
	Potsdam Red Sandstone Co., Potsdam, N. Y.
R. RUBBLE.	New England Brown Stone Co., Cromwell, Conn.
S. SAWED STONE.	F. G. Clarke Blue Stone Co., Oxford, N. Y.
T. SOAPSTONE.	Bowker, Torrey & Co., 118 Portland St., Boston, Mass.
	J. S. McCormick Co., Pittsburg, Pa.
	Pettit Chemical Co., 256 Front St., New York.
	Williams & Co., Nashua, N. H.
	C. R. Williams & Co., Easton, Pa.
U. SOAPSTONE WORK.	Joseph S. Miller, 140 Ridge Av., Philadelphia, Pa.
402. STONE ENGINE BEDS.	F. G. Clarke Blue Stone Co., Oxford, N. Y.
403. STONE STEPS.	F. G. Clarke Blue Stone Co., Oxford, N. Y.
404. STOOPS, IRON.	J. B. & J. M. Cornell, 143 Centre St., New York.
	Thomas Dimond, 128 W. 33d St., New York.
405. STREET PAVING BLOCKS.	
	Park Fire Clay Co., Rochester, Pa.
406. STRUCTURAL IRON & STEEL.	
A. ANGLE IRON & STEEL.	Birmingham Rolling Mill Co., Birmingham, Ala.
	Cambria Iron Co., Johnstown, Pa.
	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Cleveland Rolling Mill Co., Cleveland, O.
	Diamond State Iron Co., 29 Broadway, New York.
	Globe Rolling Mill Iron & Steel Co., 165 W. Pearl, Cinn., O.
	H. Lloyd's Sons Co., Pittsburg, Pa.
	Passaic Rolling Mill Co., Patterson, N. J.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	Portage Iron Co., Ltd., Duncansville, Pa.
	A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa.
	Tudor Iron Works, 415 Locust St., St. Louis, Mo.
	Union Iron & Steel Co., Youngstown, O.
B. ANGLES, BULL.	Phoenix Iron Co., 410 Walnut St., Philadelphia, Pa.
C. ANGLES, IRON.	Pennsylvania Steel Co., Steelton, Pa.
D. ANGLES, STEEL.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	Pennsylvania Steel Co., Steelton, Pa.
	Union Iron & Steel Co., Youngstown, O.
E. BARS.	Birmingham Rolling Mill Co., Birmingham, Ala.
	Cambria Iron Co., Johnstown, Pa.
	Central Iron & Steel Co., Brazil, Ind.
	H. Lloyd's Sons Co., Pittsburg, Pa.
	Pennsylvania Steel Co., Steelton, Pa.
	Pottsville Iron & Steel Co., Pottsville, Pa.
	Riverside Iron Works, Inc., Wheeling, W. Va.
	A. & P. Roberts Co., Philadelphia, Pa.
	J. H. Sternbergh & Son, Reading, Pa. *11
	Union Iron & Steel Co., Youngstown, O.
F. BARS, BLACK PLATE.	Aetna Standard Iron & Steel Co., Bridgeport, O.
G. BARS, CHANNEL STEEL.	Pennsylvania Steel Co., Steelton, Pa.
H. BARS, EYE.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Passaic Rolling Mill Co., Paterson, N. J.
	Phoenix Iron Co., 410 Walnut St., Philadelphia, Pa.
I. BARS, SAW MILL TRACK.	Mitchell, Tranter & Co., 2d & Elm Sts., Cincinnati, O.
J. BARS, TIE.	Passaic Rolling Mill Co., Paterson, N. J.
	Pottsville Iron & Steel Co., Pottsville, Pa.

K. BARS, VALLEY.	Atlas Mfg. Co., Danville, Pa.
L. BARS, WIRE.	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
M. BEAMS, CHANNEL.	Phoenix Iron Co., 410 Walnut St., Philadelphia, Pa.
N. BEAMS, IRON.	Birmingham Rolling Mill Co., Birmingham, Ala.
	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Champion Iron Co., Kenton, O.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Thos. Dimond, 128 W. 33d St., New York.
	Jackson Arch. Iron Works, 315 E. 28th St., New York.
	Passaic Rolling Mill Co., Paterson, N. J.
	Paxton & Vierling Iron Works, Omaha, Neb.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	Wm. B. Pollock & Co., Youngstown, O.
	Pottsville Iron & Steel Co., Pottsville, Pa.
	Trenton Iron Co., Trenton, N. J.
	Variety Iron Works, York, Pa.
O. BEAMS, IRON, DECK.	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
P. BEAMS, IRON, TANK.	Thos. Dimond, 128 W. 33d St., New York.
Q. BEAMS, STEEL.	American Iron & Steel Co., Pittsburg, Pa.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Murray Iron Works Co., Burlington, Iowa.
	Passaic Rolling Mill Co., Paterson, N. J.
	Paxton & Vierling Iron Works, Omaha, Neb.
	Pennsylvania Steel Co., Steelton, Pa.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	A. & P. Roberts Co., Philadelphia, Pa.
R. BEAMS, STEEL, DECK.	A. & P. Roberts Co., Philadelphia, Pa.
S. BINDERS FOR CONCRETE WORK.	Central Expanded Metal Co., Birmingham, Ala.
T. BRIDGE IRON.	Birmingham Rolling Mill Co., Birmingham, Ala.
	Chickasaw Iron Works, Memphis, Tenn.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Edge Moor Bridge Works, Wilmington, Del.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	Union Iron & Steel Co., Youngstown, O.
U. BRIDGE STEEL.	American Iron & Steel Co., Pittsburg, Pa.
V. CHANNEL IRON.	Globe Rolling Mill Iron & Steel Co., 165 W. Pearl, Cinn., O.
	Passaic Rolling Mill Co., Paterson, N. J.
	Pottsville Iron & Steel Co., Pottsville, Pa.
W. CHANNEL STEEL.	American Iron & Steel Co., Pittsburg, Pa.
	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa.
X. CORRUGATED IRON.	Bergen Mfg. Co., Canton, O.
	Berlin Iron Bridge Co., E. Berlin, Conn.
	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
	Cincinnati Corrugating Co., Piqua, O.
	Garry Iron & Steel Roofing Co., 152 Merwin, Cleveland, O.
	Holton Iron & Steel Roofing Co., New Lisbon, O.
	Hyndman Steel Roofing Co., 318-320 E. 2d St., Cincinnati, O.
	McCullough Iron Co., Wilmington, Del.
	Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
	E. E. Souther Iron Co., 932 N. 2d St., St. Louis, Mo.
	Wheeling Corrugating Co., 81 Fulton St., New York.
	Alan Wood Co., 519 Arch St., Philadelphia, Pa.
Y. CORRUGATED IRON, GALVANIZED.	Chattanooga Steel Roofing Co., Chattanooga, Tenn.
	Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
Z. CORRUGATED IRON, PAINTED.	Chattanooga Steel Roofing Co., Chattanooga, Tenn.
	Moseley Iron Bridge & Roof Co., 39 Cortlandt St., New York.
AA. CORRUGATED STEEL.	Berlin Iron Bridge Co., E. Berlin, Conn.
	Cincinnati Corrugating Co., Piqua, O.
	Garry Iron & Steel Roofing Co., 152 Merwin, Cleveland, O.
	Republic Iron Works, Pittsburg, Pa.
	E. E. Souther Iron Co., 932 W. 2d St., St. Louis, Mo.
	Wheeling Corrugating Co., 81 Fulton St., New York.
BB. GIRDER RAILS.	Pennsylvania Steel Co., Steelton, Pa.
CC. GIRDERS, BOX.	Berlin Iron Bridge Co., E. Berlin, Conn.
	Vulcan Iron Works, Wilkesbarre, Pa.
DD. GIRDERS, IRON.	Baugher, Kurtz & Stewart, Ltd., York, Pa.
	Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	Dickson Mfg. Co., Scranton, Pa.
	Thomas Dimond, 128 W. 33d St., New York.
	Edge Moor Iron Co., Wilmington, Del.
	Emporia Foundry Mach. Works, Emporia, Kan.
	Jackson Arch. Iron Works, 315 E. 28th St., New York.

		King Bridge Co., Cleveland, O.
		Duncan Mackenzie, Trenton, N. J.
		Passaic Rolling Mill Co., Paterson, N. J.
		Pennsylvania Bridge Co., Beaver Falls, Pa.
		Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
		Pittsburg Bridge Co., 38th St., Pittsburg, Pa.
		Pottsville Iron & Steel Co., Pottsville, Pa.
		Riter-Conly Co., Pittsburg, Pa.
		Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
		Trenton Iron Co., Trenton, N. J.
		Variety Iron Works, York, Pa.
		Vulcan Iron Works, Wilkesbarre, Pa.
EE.	GIRDERS, PLATE.	Berlin Iron Bridge Co., E. Berlin, Conn.
		Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
		Vulcan Iron Works, Wilkesbarre, Pa.
FF.	GIRDERS, STEEL.	American Iron & Steel Co., Pittsburg, Pa.
		Berlin Iron Bridge Co., E. Berlin, Conn.
		Gillette-Herzog Mfg. Co., Minneapolis, Minn.
		King Bridge Co., Cleveland, O.
		Murray Iron Works Co., Burlington, Iowa.
		Pennsylvania Bridge Co., Beaver Falls, Pa.
		Pennsylvania Steel Co., Steelton, Pa.
		Pittsburg Bridge Co., 38th St., Pittsburg, Pa.
		Shiffler Bridge Co., Pittsburg, Pa.
GG.	GIRDERS, TEE.	Dickson Mfg. Co., Scranton, Pa.
		Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
HH.	IRON & STEEL CHANNELS.	Andrews Bros. Co., Youngstown, O.
		Knoxville Iron Co., Knoxville, Tenn.
II.	L & T STEEL.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa
JJ.	L, T & Z IRON.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Passaic Rolling Mill Co., Paterson, N. J.
		Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
		Phoenix Iron Co., 410 Walnut St., Philadelphia, Pa.
		Portage Iron Co., Ltd., Duncansville, Pa.
		Trenton Iron Co., Trenton, N. J.
KK.	PLATES, BRIDGE.	Birmingham Rolling Mill Co., Birmingham, Ala.
		Passaic Rolling Mill Co., Paterson, N. J.
		Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa
		Pottstown Iron Co., Pottstown, Pa.
LL.	PLATES, FLOOR.	Coffin Valve Co., Neponset, Mass.
MM.	PLATES, IRON.	Bessemer Rolling Mill Co., Birmingham, Ala.
		Birmingham Rolling Mill Co., Birmingham, Ala.
		Dickson Mfg. Co., Scranton, Pa.
		Ewald Iron Co., 939 N. 2d St., St. Louis, Mo.
		Passaic Rolling Mill Co., Paterson, N. J.
		Pottstown Iron Co., Pottstown, Pa.
		Pottsville Iron & Steel Co., Pottsville, Pa.
		Reading Iron Co., Reading, Pa.
		A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa.
		Seidel & Hastings Co., Wilmington, Del.
		Springfield Iron Co., Springfield, Ill.
		Alan Wood Co., 519 Arch St., Philadelphia, Pa.
NN.	PLATES, IRON, BOILER.	Birmingham Rolling Mill Co., Birmingham, Ala.
		Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Cleveland Rolling Mill Co., Cleveland, O.
		Globe Rolling Mill Iron & Steel Co., 163 W. Pearl, Cinn., O.
		Howe, Brown & Co., Ltd., Pittsburg, Pa.
		H. Lloyd's Sons Co., Pittsburg, Pa.
		Mahoning Valley Iron Co., Youngstown, O.
		Pottstown Iron Co., Pottstown, Pa.
		Shoenberger Steel Co., Inc., Pittsburg, Pa.
		Singer, Nimick & Co., Inc., Pittsburg, Pa.
		Springfield Iron Co., Springfield, Ill.
OO.	PLATES, ROOFING.	N. & G. Taylor Co., 301 Branch St., Philadelphia, Pa.
PP.	PLATES, STAMPING.	Canonsburg Iron & Steel Co., 421 Wood St., Pittsburg, Pa.
QQ.	PLATES, STEEL.	Bethlehem Iron Co., Bethlehem, Pa.
		Dickson Mfg. Co., Scranton, Pa.
		Globe Rolling Mill I. & Steel Co., 165 W. Pearl St., Cinn., O.
		Howe, Brown & Co., Ltd., Pittsburg, Pa.
		Midland Steel Co., Muncie, Ind.
		Morris, Wheeler & Co., 1608 Market St., Philadelphia, Pa.
		Park Bro. & Co., Ltd., Pittsburg, Pa.
		Passaic Rolling Mill Co., Paterson, N. J.
		Riverside Iron Works, Inc., Wheeling, W. Va.
		Seidel & Hastings Co., Wilmington, Del.

	Singer, Nimick & Co., Inc., Pittsburg, Pa.
	Spang Steel & Iron Co., Pittsburg, Pa.
	Springfield Iron Co., Springfield, Ill.
	Alan Wood Co., 519 Arch St., Philadelphia, Pa.
RR. PLATES, STEEL, BOILER.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Cleveland Rolling Mill Co., Cleveland, O.
	Linden Steel Co., Pittsburg, Pa.
	Otis Steel Co., Ltd., Cleveland, O.
	Pottstown Iron Co., Pottstown, Pa.
	Spang Steel & Iron Co., Pittsburg, Pa.
SS. PLATES, STEEL, CHROME.	Chrome Steel Works, Brooklyn, N. Y.
TT. PLATES, STEEL, SHIP-BOILER.	Morris, Wheeler & Co., 1608 Market St., Philadelphia, Pa.
UU. PLATES, TANK.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Globe Rolling Mill I. & Steel Co., 165 W. Pearl St., Cinn., O.
	Otis Steel Co., Ltd., Cleveland, O.
	Pottstown Iron Co., Pottstown, Pa.
	Republic Iron Works, Pittsburg, Pa.
	Springfield Iron Co., Springfield, Ill.
VV. PLATES, TERNE.	Canonsburg Iron & Steel Co., 421 Wood St., Pittsburg, Pa.
WW. PLATES, TIN, ROOFING.	Merchant & Co., Inc., Philadelphia, Pa.
XX. PLATES, ZINC, BOILER.	E. Phillips & Sons, South Hanover, Mass.
YY. ROD IRON.	Bessemer Rolling Mill Co., Birmingham, Ala.
ZZ. ROOF TRUSSES.	Chickasaw Iron Works, Memphis, Tenn.
	King Bridge Co., Cleveland, O.
	Passaic Rolling Mill Co., Paterson, N. J.
	Paxton & Vierling Iron Works, Omaha, Neb.
	Pennsylvania Steel Co., Steelton, Pa.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
AAA. SHEETS, IRON.	Alan Wood Co., 519 Arch St., Philadelphia, Pa.
BBB. SHEETS, ROOFING.	Aetna Standard Iron & Steel Co., Bridgeport, O.
CCC. SHEETS, STEEL.	Alan Wood Co., 519 Arch St., Philadelphia, Pa.
DDD. SHIPBUILDERS' COMPOSITE.	Wolff & Zwicker Iron Works, Portland, Ore.
EEE. SHIP IRON & STEEL.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Pennsylvania Steel Co., Steelton, Pa.
	A. & P. Roberts Co., 261 4th St., Philadelphia, Pa.
	Wolff & Zwicker Iron Works, Portland, Ore.
FFF. STRUCTURAL IRON & STEEL.	Berlin Iron Bridge Co., E. Berlin, Conn.
	Cambria Iron Co., Johnstown, Pa.
	Paxton & Vierling Iron Works, Omaha, Neb.
	Pennsylvania Steel Co., Steelton, Pa.
	S. Morgan Smith Co., York, Pa.
	Wolff & Zwicker Iron Works, Portland, Ore.
GGG. TANK HEADS, STEEL.	W. J. Clark Co., Salem, O.
HHH. TANK STEEL.	Burgess Steel & Iron Works, Portsmouth, O.
III. TIE RODS.	Lincoln Iron Works, Boonton, N. J.
JJJ. TRUSS RODS.	Lincoln Iron Works, Boonton, N. J.
407. SUMMER HOUSES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Howard & Morse, 45 Fulton St., New York.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	Sedgwick Wire Fence Co., Richmond, Ind.
	A. B. & W. T. Westervelt, 102 Chambers St., New York.
408. TABLETS, MEMORIAL.	J. & R. Lamb, 59 Carmine St., New York.
	Nelson Stafford, 66 Fulton St., New York.
409. TERRA-COTTA, ARCHITECTURAL.	
	Burns, Russell & Co., Baltimore, Md.
	J. C. Ewart & Co., Akron, O.
	Gladding, McBean & Co., Lincoln, Cal.
	Glens Falls Terra Cotta Brick Co., Glens Falls, N. Y.
	Indianapolis Terra Cotta Co., Indianapolis, Ind.
	N. Y. Architectural Terra Cotta Co., 38 Park Row, New York.
	Northwestern Terra Cotta Co., Chicago, Ill.
	Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
	Reading Terra Cotta & Stove Lining Works, Reading, Pa.
	Staten Island Clay Co., Woodbridge, N. J.
410. STEEL WALL TIES.	Cleveland Wire & Spring Co., Woodbridge, N. J.
411. TILES.	N. O. Nelson Mfg. Co., St. Charles & 8th St., St. Louis, Mo.
A. CEMENT TILES.	Portland Stone Co., St. Paul, Minn.
B. COPPER TILES.	Montross Metal Shingle Co., Camden, N. J.
C. ENAMELLED TILES.	Merrimac Ceramic Co., Newburyport, Mass.
	Tiffany Pressed Brick Co., Baltimore, Md.
D. ENCAUSTIC TILES.	Star Encaustic Tile Co., Pittsburg, Pa.
	U. S. Encaustic Tile Works, Indianapolis, Ind.
E. FIRE TILES.	Cinn. Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
F. FLOOR TILES.	Monson-Burmah Slate Co., Portland, Me.

G. FLOOR TILES, STEEL.	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
H. GALVANIZED STEEL TILES.	Montross Metal Shingle Co., Camden, N. J.
I. HOLLOW PARTITION TILES.	Pacific Clay Mfg. Co., Los Angeles, Cal.
J. IRON TILES.	Garry Iron & Steel Roofing Co., Cleveland, O.
K. LAND DRAIN TILES.	H. Stevens' Sons Co., Macon, Ga.
L. MARBLE TILES.	Billings Marble & Tile Works, Troy, N. Y.
	Burlington Mfg. Co., Burlington, Vt.
	Daniel L. Crosscup, 35 S. 23d St., Philadelphia, Pa.
	Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
	Sherman & Flavin, 2505 State St., Chicago, Ill.
M. METAL TILES.	Bergen Mfg. Co., Canton, O.
	Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.
	Merchant & Co., Inc., 517 Arch St., Philadelphia, Pa.
N. MOSAIC TILES.	Billings Marble & Tile Works, Troy, N. Y.
O. PAVING TILES.	Aldrige Bros. & Co., Dutchess Junction, N. Y.
	Alsip Brick Co., 159 La Salle St., Chicago, Ill.
	American Encaustic Tiling Co., Ltd., Zanesville, O.
	Columbus Brick & Terra Cotta Co., Columbus, O.
	Evansville Pressed Brick Co., Evansville, Ind.
	Excelsior Brick & Stone Co., 423 Walnut St., Philadelphia, Pa.
	Gainesville Pressed Brick Co., Gainesville, Tex.
	James Garden & Son, Cumberland, Ind.
	Globe Iron Works, 35 Indiana St., Chicago, Ill.
	Goodland Tile Co., Goodland, Ind.
	Hampden Brick Works, Springfield, Mass.
	Wm. H. Jackson & Co., 860 Broadway, New York.
	B. Kreischer & Sons, Inc., 119 E. 23d St., New York.
	Low Art. Tile Co., Chelsea, Mass.
	Mackey Brick & Tile Mfg. Co., San Antonio, Tex.
	Moore & Rawlins, Dallas, Tex.
	Patent Brick Co., San Francisco, Cal.
	Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
	Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
	Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
	M. D. Valentine & Bro. Co., Woodbridge, N. J.
	Adam Weber Co., 663 E. 15th St., New York.
P. ROOFING TILES.	C. W. Boynton, Sewaren, N. J.
Q. RUBBER TILING, INTERLOCKING.	N. Y. Belting & Packing Co., 25 Park Place, N. Y.
R. SLATE TILES.	Billings Mantel & Tile Works, Troy, N. Y.
	East Bangor Consolidated Slate Co., East Bangor, Pa.
	Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
	E. L. Goodrich & Co., Fair Haven, Vt.
	Old Bangor Slate Co., Bethlehem, Pa.
	Penrhyn Slate Co., 101 E. 17th St., New York.
S. STEEL TILES.	Aetna Standard Iron & Steel Co., Bridgeport, O.
T. TIN TILES.	Garry Iron & Steel Roofing Co., Cleveland, O.
	Montross Metal Shingle Co., Camden, N. J.
412. TIMBER.	Buckley & Douglas Lumber Co., Manistee, Mich.
	W. & A. McArthur Co., Ltd., Cheboygan, Mich.
	Pensacola Lumber Co., Pensacola, Fla.
	Southern Pine Co. of Georgia, Savannah, Ga.
	W. B. Wright Co., Pensacola, Fla.
A. BRAKE ARMS, GALVANIZED.	Fred. M. Locke, Victor, N. Y.
B. BRIDGE TIMBER.	Atlanta Lumber Co., Atlanta, Ga.
	Bradley-Ramsey Lumber Co., Lake Charles, La.
	Coolidge Fuel & Supply Co., Minneapolis, Minn.
	Mann Bros., 6 Wabash Av., Chicago, Ill.
	Mitchell & Rowland Lumber Co., Toledo, O.
	Nona Mills Co., Nona, Tex.
	Southern Pine Co. of Georgia, Savannah, Ga.
	Texas Tram & Lumber Co., Beaumont, Tex.
	H. H. Thornton, Pensacola, Fla.
	Vanderbilt & Hopkins, 120 Liberty St., New York.
C. BRIDGE TIMBER, CREOSOTED.	Michigan Pipe Co., Bay City, Mich.
D. BUILDING TIMBER.	Verdi Mill Co., Verdi, Kan.
E. MASTS.	Chas. H. Andrews, Gloucester, Mass.
	Johnson & Howland, New Bedford, Mass.
	St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
	Southern Pine Co. of Georgia, Savannah, Ga.
	W. C. Stiles, Warren, O.
	H. H. Thornton, Pensacola, Fla.
F. MASTS & SPARS.	Thomas Clapham, Roslyn, N. Y.

	Spalding St. Lawrence Boat Co., Ogdensburg, N. Y.
G. MAST, HOLLOW.	St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
H. MINING TIMBER.	Verdi Mill Co., Verdi, Kan.
I. PILING.	Southern Pine Co. of Georgia, Savannah, Ga.
	H. H. Thornton, Pensacola, Fla.
J. PILING, CREOSOTED.	Michigan Pipe Co., Bay City, Mich.
K. PILING, YELLOW PINE.	Texas Tram & Lumber Co., Beaumont, Tex.
L. POLES, CREOSOTED.	Michigan Pipe Co., Bay City, Mich.
M. POLES, ELECTRIC LIGHT.	Q. & C. Co., 700-715 Western Union Bldg., Chicago, Ill.
N. POLES, ELECTRIC STREET RAILWAY.	American Tube & Iron Co., Middletown, Pa.
O. POLES, PIKE.	Dicke Tool Co., Downers Grove, Ill.
P. POLES, TELEGRAPH.	Coolidge Fuel & Supply Co., Minneapolis, Minn.
	H. M. Loud & Sons Lumber Co., Oscoda, Mich.
	National Tube Works Co., 70 Federal St., Boston, Mass.
	John L. Roper Lumber Co., Norfolk, Va.
Q. POLE STEPS, TELEGRAPH.	H. P. Nail Co., Cleveland, O.
R. POLES, TROLLEY.	Morris, Tasker & Co., Inc., 224 S. 3d St., Philadelphia, Pa.
	National Tube Works Co., McKeesport, Pa.
	Q. & C. Co., 700-715 Western Union Bldg., Chicago, Ill.
S. POLE SUPPORTS.	Dicke Tool Co., Downers Grove, Ill.
T. SHIP DECKING.	W. H. H. Smith & Co., Toledo, O.
	W. C. Stiles, Warren, O.
	H. H. Thornton, Pensacola, Fla.
U. SHIP TIMBER.	W. C. Stiles, Warren, O.
	Wolff & Zwicker Iron Works, Portland, Ore.
V. SPARS.	St. Lawrence River, Skiff, Canoe & S. L. Co., Clayton, N. Y.
	Southern Pine Co. of Georgia, Savannah, Ga.
W. SPARS, HOLLOW.	St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
X. SPARS, YACHT.	St. Lawrence River Skiff, Canoe & S. L. Co., Clayton, N. Y.
Y. TELEGRAPH CROSS ARM BRACES.	Dicke Tool Co., Downers Grove, Ill.
	Fred. M. Locke, Victor, N. Y.
Z. TELEGRAPH CROSS ARMS.	Geo. R. Butler & Co., Sandusky, O.
	Fred M. Locke, Victor, N. Y.
	H. M. Loud & Sons Lumber Co., Oscoda, Mich.
	John L .Roper Lumber Co., Norfolk, Va.
AA. TELEPHONE POSTS.	Victor Telephone Mfg. Co., 166 S. Clinton St., Chicago, Ill.
BB. TIES, CEDAR, R. R.	John L. Roper Lumber Co., Norfolk, Va.
	White Marble Lime Co., Manistique, Mich.
CC. TIES, CREOSOTED.	Michigan Pipe Co., Bay City, Mich.
DD. TIES, CROSS.	Southern Pine Co. of Georgia, Savannah, Ga.
EE. TIES, HEMLOCK.	Lindsley Bros., Menominee, Mich.
FF. TIES, RAILROAD.	Badger Lumber Co., Kansas City, Mo.
	Bradley-Ramsay Lumber Co., Lake Charles, La.
	Clark Mfg. Co., Cadott, Wis.
	P. L. Conquest & Co., Richmond, Va.
	Coolidge Fuel & Supply Co., Minneapolis, Minn.
	C. C. Field, Geneva, Pa.
	H. M. Loud & Sons Lumber Co., Oscoda, Mich.
	John L. Roper Lumber Co., Norfolk, Va.
	Southern Pine Co. of Georgia, Savannah, Ga.
	Texas Tram & Lumber Co., Beaumont, Tex.
	H. H. Thornton, Pensacola, Fla.
	Vanderbilt & Hopkins, 120 Liberty St., New York.
GG. TIES, STEEL, R. R.	Mahoning Valley Iron Co., Youngstown, O.
HH. TIES, WHITE CEDAR.	Lindsley Bros., Menominee, Mich.
II. TIES, YELLOW PINE.	Lutcher & Moore Lumber Co., Orange, Tex.
	Texas Tram & Lumber Co., Beaumont, Tex.
JJ. WHITE CEDAR BOAT TIMBER.	John L. Roper Lumber Co., Norfolk, Va.
KK. YELLOW PINE TIMBER.	Texas Tram & Lumber Co., Beaumont, Tex.
413. TIN VALLEYS.	Wheeling Corrugating Co., 81 Fulton St., New York.
414. TOWERS.	
A. HOIST TOWERS.	Riter-Conly Co., Pittsburg, Pa.
B. IRON TOWERS.	Star Iron Tower Co., Ft. Wayne, Ind.
C. STEEL TOWERS.	Flint & Walling Mfg. Co., Kendallville, Ind.
	Phelps & Bigelow Windmill Co., Kalamazoo, Mich.
	Williams Mfg. Co., Kalamazoo, Mich.
D. TANK TOWERS.	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
	Riter-Conly Co., Pittsburg, Pa.
E. TANK TOWERS, STEEL.	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
F. WATER TOWERS.	Fire Extinguisher Mfg. Co., 357 Canal St., New York.
	Gillette-Herzog Mfg. Co., Minneapolis, Minn.
	Lombard Iron Works & Supply Co., Augusta, Ga.
	Pittsburg Bridge Co., 38th St., Pittsburg, Pa.

Struthers, Wells & Co., Warren, Pa.

G. WINDMILL TOWERS.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
S. Freeman & Sons Mfg. Co., Racine, Mich.
May Bros., Galesburg, Ill.

H. WINDMILL TOWERS, STEEL.
Baker Mfg. Co., Evansville, Wis.

415. VAULT LIGHTS.
Rodefer Bros., Bellaire, O.

416. VENEERS.
E. D. Albro Co., 685 W. 6th St., Cincinnati, O.
Astoria Veneer Mills, Inc., Astoria, L. I., N. Y.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Louisville Veneer Mills, Louisville, Ky.
Oakes & Burger, Cattaraugus, N. Y.
Palmer, Parker & Co., 123 Portland St., Boston, Mass.
Portsmouth Veneer Works, Portsmouth, O.
South Side Mfg. Co., Petersburg, Va.
W. E. Uptegrove & Bros., 465 E. 10th St.. New York.

A. OPERA CHAIR VENEERS.
Frost's Veneer Seating Co., Sheboygan, Wis.

B. THIN SAWED WOODWORK.
South Side Mfg. Co., Petersburg, Va.

417. VENTILATED RIDGING.
Globe Ventilator Co., Troy, N. Y.

418. VERANDAS, IRON.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Rogers Iron Co., Springfield, O.

419. VIADUCTS, IRON & STEEL.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Detroit Bridge & Iron Works, Detroit, Mich.
Edge Moor Iron Co., Wilmington, Del.
Pennsylvania Bridge Co., Beaver Falls, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa.
Shiffler Bridge Co., Pittsburg, Pa.
Trenton Iron Co., Trenton, N. J.

420. WAINSCOTING.
Burlington Mfg. Co., Burlington, Vt.
A. Roberson & Son, Binghamton, N. Y. *27

A. PARQUET WAINSCOTING.
Boughton & Terwilliger, 23d St. & 5th Av., New York.

B. SLATE WAINSCOTING.
Monson-Burmah Slate Co., Portland, Me.

421. WEATHERBOARDING.

A. CLAPBOARDS.
Berlin Mill Co., 404 Commercial St., Portland, Me.
Brinkley Car Works & Mfg. Co., Brinkley, Ark.
W. R. Elliott, North Duxbury, Vt.
A. Roberson & Son, Binghamton, N. Y. *27
South Pittsburg Planing Mill Co., Pittsburg, Pa.

B. IRON WEATHERBOARDING.
Cincinnati Corrugating Co., Piqua, O.
Wheeling Corrugating Co., 81 Fulton St., New York.

C. STEEL WEATHERBOARDING.
Cincinnati Corrugating Co., Piqua, O.
O. K. Harry Steel Works, St. Louis, Mo.

422. WEATHER VANES.
E. T. Barnum, Detroit, Mich.
Champion Iron Co., Kenton, O.
J. W. Fiske, 39 Park Place, New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
W. H. Mullins, Salem, O.
Van Dorn Iron Works Co., Cleveland, O.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

423. WINDOW CAPS, IRON.
Emporia Foundry & Mach. Works, Emporia, Kan.
Geo. Fisher & Bro., 209 Forsyth St., New York.
Mesker & Bro., 421 S. 6th St., St. Louis, Mo.
W. H. Mullins, Salem, O.
E. Van Noorden & Co., 383 Harrison Av., Boston, Mass.

424. WINDOWS.
Excelsior Redwood Co., Channel St., San Francisco, Cal.
Farley & Loetscher Mfg. Co., Dubuque, Iowa.
Verdi Mill Co., Verdi, Nev.

A. GLAZED WINDOWS.
Hafner-Lothman Mfg. Co., Dock & Main Sts., St. Louis, Mo.
Huttig Sash & Door Co., Dock & Main Sts., St. Louis, Mo.
A. Roberson & Son, Binghamton, N. Y. *27
Arthur F. Tyler, Athol, Mass.

B. SCREEN WINDOWS.
I. X. L. & Goshen Pump Co., Goshen, Ind.

425. WOODEN LATTICES.
A. Roberson & Son, Binghamton, N. Y. *27

XI. CORDAGE AND NETS.

426. CORD.

A. ASBESTOS CORD.	H. W. Johns Mfg. Co., 100 William St., New York.
B. BELL CORD.	Wm. H. Horstmann Co., 2104 Spruce St., Philadelphia, P
	Ossawan Mills Co., Norwich, Conn.
	J. E. Rhoads & Sons, Wilmington, Del.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Sellers Mfg. Co., 27 W. Chicago Av., Chicago, Ill.
	Silver Lake Co., Newtonville, Mass.
	J. R. Stine & Co., 8 Ferry St., New York.
C. BELL CORD, RAILROAD.	Silver Lake Co., Newtonville, Mass.
D. BELL CORD, RAW HIDE.	Willemsen Belting Co., St. Louis, Mo.
E. BINDERS' CORD.	Cable Flax Mills, Schaghticoke, N. Y.
F. ELECTRIC LAMP CORD.	Phillips Insulated Wire Co., Pawtucket, R. I.
G. EYE GLASS CORD.	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
H. JUTE CORD.	Ashland Flax Mill Co., Ashland, O.
	Thos. Jackson & Son, Reading, Pa.
	Schlichter Jute Cordage Co., 21 N. Front St., Phila., Pa.
	Warren Thread Works, Westfield, Mass.
I. MACRAMÉ LACE CORD.	Lees Mfg. Co., Westport, Conn.
	Ossawan Mills Co., Norwich, Conn.
J. NET CORD.	Porterdale Mills, Covington, Ga.
K. PICTURE CORD.	Edwin Gilmore, Easton, Mass.
	Andrew B. Hendryx Co., New Haven, Conn.
	Samson Cordage Co., 115 Congress St., Boston, Mass.
L. PICTURE CORD, WORSTED.	Ossawan Mills Co., Norwich, Conn.
M. SASH CORD.	Jacobs Cordage Co., 64 Carr St., Cincinnati, O.
	Ossawan Mills Co., Norwich, Conn.
	Phosphor Bronze Smelt. Co., 2200 Wash. Av., Phila., Pa.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
	Travers Bros. Co., 107 Duane St., New York.
	Trenton Iron Co., Trenton, N. J.
N. SHADE CORD.	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
	Jay C. Wemple Co., 537 Broadway, New York.
O. SIGNAL CORD.	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
P. SUSPENDER CORD.	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
	Warren Thread Works, Westfield, Mass.
Q. VENETIAN BLIND CORD.	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
R. VENTILATOR CORD.	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.

427. CORDAGE.

	Thos. Jackson & Son, Reading, Pa.
	D. M. Osborne & Co., Auburn, N. Y.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Standard Rope & Twine Co., 287 Broadway, New York.
	Travers Bros. Co., 107 Duane St., New York.
A. BRAIDED CORDAGE.	Edwin Gilmore, Easton, Mass.
	Andrew B. Hendryx Co., New Haven, Conn.
	John J. Kenyon Mfg. Co., Pawtucket, R. I.
	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
B. COTTON CORDAGE.	Bibb Mfg. Co., Macon, Ga.
	Porterdale Mills, Covington, Ga.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
C. FLAX CORDAGE.	Cable Flax Mills, Schaghticoke, N. Y.
D. HEMP CORDAGE.	John T. Bailey & Co., 1136 Market St., Philadelphia, Pa.
	Mount Vernon Co., Baltimore, Md.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Wm. F. Wall, 56 South St., New York.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
E. JUTE CORDAGE.	Schlichter Jute Cordage Co., 21 N. Front St., Philadelphia,

F. MANILA & SISAL CORDAGE.
Akron Twine & Cordage Co., Akron, O.
D. Allen's Sons Rope Co., Brooklyn, N. Y.
Columbian Cordage Co., Auburn, N. Y.
Eagle & Phenix Mfg. Co., Columbus, Ga.
Edwin H. Fitter Co., 23 N. Water St., Philadelphia, Pa.
Hingham Cordage Co., Hingham, Mass.
Hooven & Allison Co., Xenia, O.
Thos. Jackson & Son, Reading, Pa.
Jacobs Cordage Co., 64 Carr St., Cincinnati, O.
Lambeth Rope Co., New Bedford, Mass.
Lawrence Cordage Works, Inc., New York.
H. & G. W. Lord, 111 Commercial St., Boston, Mass.
Miamisburg Twine & Cordage Co., Miamisburg, O.
Mount Vernon Co., Baltimore, Md.
New Bedford Cordage Co., New Bedford, Mass.
Plymouth Cordage Co., N. Plymouth, Mass.
Portland Cordage Co., Portland, Ore.
Samson Cordage Works, 115 Congress St., Boston, Mass.
Schlichter Jute Cordage Co., 21 N. Front St., Philadelphia, Pa.
Standard Rope & Twine Co., 287 Broadway, New York.
Travers Bros. Co., New York.
Tubbs Cordage Co., San Francisco, Cal.
Wm. F. Wall, 56 South St., New York.

G. TARRED CORDAGE.
Edwin H. Fitter & Co., 23 N. Water St., Philadelphia, Pa.
Jacobs Cordage Co., 646 Carr St., Cincinnati, O.
Thos. Jackson & Son, Reading, Pa.
New Bedford Cordage Co., New Bedford, Mass.

428. COTTON LASSOES.
Samson Cordage Works, 115 Congress St., Boston, Mass.
Silver Lake Co., Newtonville, Mass.

429. HAMMOCKS.
Amer. Net & Twine Co., 93 Commercial St., Boston, Mass.
Bentley & Gerwig, Ltd., New Brighton, Pa.
A. Meinecke & Son, Milwaukee, Wis.
Mo. Tent & Awning Co., 218 Chestnut St., St. Louis, Mo.
Neville & Co., Inc., 31 California St., San Francisco, Cal.
I. E. Palmer, Middletown, Conn. *33
Roberts Bros. Co., 233 Jackson Boulevard, Chicago, Ill.
Travers Bros. & Co., 107 Duane St., New York.

A. COTTON WOVEN HAMMOCKS.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
A. Meinecke & Son, Milwaukee, Wis.

B. DOUBLE HAMMOCKS.
I. E. Palmer, Middletown, Conn. *33

C. KNOTTED HAMMOCKS.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
A. Meinecke & Son, Milwaukee, Wis.

D. LAWN HAMMOCKS.
Ohio Rake Co., Dayton, O.

E. MEXICAN GRASS HAMMOCKS.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
A. Meinecke & Son, Milwaukee, Wis.

F. PATENT HAMMOCKS.
I. E. Palmer, Middletown, Conn. *33

G. PILLOW HAMMOCKS.
I. E. Palmer, Middletown, Conn. *33

430. LINES.

A. AWNING LINES.
Ossawan Mills Co., Norwich, Conn.
Roberts Bros. Co., 233 Jackson Boulevard, Chicago, Ill.
Samson Cordage Works, 115 Congress St., Boston, Mass.
Silver Lake Co., Newtonville, Mass.

B. BRAIDED LINES.
Ossawan Mills Co., Norwich, Conn.
Samson Cordage Works, 115 Congress St., Boston, Mass.
Silver Lake Co., Newtonville, Mass.

C. CHALK LINES.
J. & S. Allen, Walpole, Mass.
Amer. Net & Twine Co., 93 Commercial St., Boston, Mass.
Ossawan Mills Co., Norwich, Conn.
Samson Cordage Works, 115 Congress St., Boston, Mass.
Silver Lake Co., Newtonville, Mass.

D. CLOTHES LINES.
Jacobs Cordage Co., 646 Carr St., Cincinnati, O.
Jackson & Son, Reading, Pa.
Ossawan Mills Co., Norwich, Conn.
Samson Cordage Works, 115 Congress St., Boston, Mass.
Silver Lake Co., Newtonville, Mass.
Tie Co., Unadilla, N. Y.

E. COTTON CLOTHES LINES.
January & Wood Co., Maysville, Ky.
Samson Cordage Works, 115 Congress St., Boston, Mass.
Small Bros., 519 Prospect St., Fall River, Mass.

F. FISHING LINES.
Amer. Net & Twine Co., 93 Commercial St., Boston, Mass.
Gloucester Net & Twine Co., 94 Commercial, Boston, Mass.
January & Wood Co., Maysville, Ky.
H. & G. W. Lord, 111 Commercial St., Boston, Mass.
G. H. Mansfield & Co., Canton, Mass.
New Bedford Cordage Co., New Bedford, Mass.

	New York Net & Twine Co., Moodus, Conn.
G. GARDEN LINES.	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
H. MASON'S LINES.	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
I. SILK LINES.	G. H. Manseld & Co., Canton, Mass.
J. SILK LINES, CASTING BRAIDED.	G. H. Mansfield & Co., Canton, Mass.
K. SILK LINES, RAW.	G. H. Mansfield & Co., Canton, Mass.
L. SOLID BRAIDED LINES.	Ossawan Mills, Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
M. TARRED LINES.	Bibb Mfg. Co., Macon, Ga.
N. TROT LINES.	Ossawan Mills Co., Norwich, Conn.
	Porterdale Mills, Covington, Ga.
O. TWISTED LINES.	Ossawan Mills Co., Norwich, Conn.
P. WATERPROOF LINES.	G. H. Mansfield & Co., Canton, Mass.
Q. WATERPROOF LINES, ENAMELLED.	G. H. Mansfield & Co., Canton, Mass.
R. WINDOW LINES.	Ossawan Mills Co., Norwich, Conn.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
431. MARLINE.	Ludlow Mfg. Co., Ludlow, Mass.
	New Bedford Cordage Co., New Bedford, Mass.
	Travers Bros. Co., 107 Duane St., New York.
A. HEMP MARLINE.	Ludlow Mfg. Co., Ludlow, Mass.
B. JUTE MARLINE.	Ludlow Mfg. Co., Ludlow, Mass.
432. NETS.	
A. FISHING NETS.	Amer. Net & Twine Co., 93 Commercial St., Boston, Mass.
	Catawba Electric Power Co., Mountain Island, N. C.
	E. C. Cook & Bro., 32 Dearborn St., Chicago, Ill.
	Gloucester Net & Twine Co., 94 Commercial Boston, Mass.
	A. & G. W. Lord, 111 Commercial St., Boston, Mass.
	Missouri Tent & Awning Co., 218 Chestnut St., St. Louis, Mo
	Neville & Co., Inc., 31 California St., San Francisco, Cal.
	N. Y. Net & Twine Co., Moodus, Conn.
B. GYMNASIUM NETS.	Amer. Net & Twine Co., 93 Commercial St., Boston, Mass.
	Wm. Ayres & Sons, 220 Chestnut St., Philadelphia, Pa.
C. HORSE NETS.	Peters Harness & Saddlery Co., 11 Green St., Newark, N. J
433. NETTING GATES.	Barbee Wire & Iron Works. 44 Dearborn St., Chicago, Ill.
434. OIL WELL CABLES.	Thos. Jackson & Son, Reading, Pa.
	R. A. Kelly Co., Xenia, O.
	New Bedford Cordage Co., New Bedford, Mass.
435. ROPE.	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Standard Rope & Twine Co., 287 Broadway, New York.
	Travers Bros. Co., 107 Duane St., New York.
A. ASBESTOS ROPE.	Philip Carey Mfg. Co., 138 Washington St., Chicago, Ill.
	H. W. Johns Mfg. Co., 100 William St., New York.
	H. F. Watson Co., Erie, Pa.
B. BALE ROPE.	Thos. Jackson & Son, Reading, Pa.
	Lawrence Cordage Works, 46 South St., New York.
	New Bedford Cordage Co., New Bedford, Mass.
C. BELL ROPE.	Akron Twine & Cordage Co., Akron, O.
	Jacobs Cordage Co., 646 Carr St., Cincinnati, O.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Standard Rope & Twine Co., 287 Broadway, New York.
D. BOAT ANCHOR ROPE.	Tie Co., Unadilla, N. Y.
E. BRAIDED ROPE.	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Silver Lake Co., Newtonville, Mass.
F. COTTON ROPE.	Bibb Mfg. Co., Macon, Ga.
	H. A. Briggs & Co., Pawtucket, R. I.
	Catawba Electric Light Co., Mountain Island, N. C.
	Columbia Mill Co., Columbia, S. C.
	Eagle & Phenix Mills, Columbus, Ga.
	John M. Hodson, 525 Leverington Av., Philadelphia, Pa.
	Wm. E. Hooper & Sons, Baltimore, Md.
	Hutcheson Mfg. Co., Banning, Ga.
	Thos. Jackson & Son, Reading, Pa.
	January & Wood Co., Maysville, Ky.
	Mississippi Mills. Wesson, Miss.
	Mount Vernon Co., Baltimore, Md.
	Princeton Mfg. Co., Athens, Ga.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Small Bros., 519 Prospect St., Fall River, Mass.
G. DERRICK ROPE.	A. Leschen & Sons Rope Co., 920 N. Main St., St. Louis, Mo
	New Bedford Cordage Co., New Bedford, Mass.

Standard Rope & Twine Co., 287 Broadway, New York.

H. ELEVATOR ROPE.
Akron Twine & Cordage Co., Akron, O.
A. Leschen & Sons Rope Co., 920 N. Main St., St. Louis, Mo.
Mount Vernon Co., Baltimore, Md.
New Bedford Cordage Co., New Bedford, Mass.

I. HAMMOCK ROPE.
A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Covert Mfg. Co., West Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Samson Cordage Works, 115 Congress St., Boston, Mass.

J. HAY ROPE.
Columbia Cordage Co., Auburn, N. Y.
R. A. Kelly Co., Xenia, O.

K. JUTE ROPE.
Akron Twine & Cordage Co., Akron, O.
Thos. Jackson & Son, Reading, Pa.
Lawrence Cordage Works, 46 South St., New York.
Mount Vernon Co., Baltimore, Md.
Standard Rope & Twine Co., 287 Broadway, New York.
Tubbs Cordage Co., San Francisco, Cal.

L. MANILA & SISAL ROPE.
Thomas Carlin's Sons, Allegheny, Pa.
Columbia Cordage Co., Auburn, N. Y.
Galveston Rope Co., Galveston, Tex.
Thos. Jackson & Son, Reading, Pa.
R. A. Kelly Co., Xenia, O.
Lawrence Cordage Works, 46 South St., New York.
A. Leschen & Sons Rope Co., 920 N. Main St., St. Louis, Mo.
New Bedford Cordage Co., New Bedford, Mass.
Plymouth Cordage Co., Plymouth, Mass.
Schlichter Jute Cordage Co., 21 N. Front St., Phila., Pa.
Standard Rope & Twine Co., 287 Broadway, New York.
Tubbs Cordage Co., San Francisco, Cal.

M. RAW HIDE ROPE.
Columbia Cordage Co., Auburn, N. Y.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
R. A. Kelly Co., Xenia, O.
George Rahmann & Co., 31 Ferry St., New York.
Chas. A. Schieren & Co., 47 Ferry St., New York.

N. ROPE SLINGS, FOR LIFTING FLASKS.
J. W. Paxson Co., 1021 N. Delaware Av., Philadelphia, Pa.

O. TARRED MANILA ROPE.
Jacobs Cordage Co., Cincinnati, O.
New Bedford Cordage Co., New Bedford, Mass.
Standard Rope & Twine Co., 287 Broadway, New York.

P. TRANSMISSION ROPE.
Edward R. Allis Co., Milwaukee, Wis.
Columbia Cordage Co., Auburn, N. Y.
Dodge Mfg. Co., Mishawaka, Ind.
Porterdale Mills, Covington, Ga.

Q. TRUNK ROPE.
Tie Co., Unadilla, N. Y.

436. SEINES.
Amer. Net & Twine Co., 93 Commercial St., Boston, Mass.
E. C. Cook & Bro., 32 Dearborn St., Chicago, Ill.
Gloucester Net & Twine Co., Boston, Mass.
H. & G. W. Lord, 111 Commercial St., Boston, Mass.

437. SHIPS RIGGING.
A. Leschen & Sons Rope Co., 920 N. Main St., St. Louis, Mo.

438. TWINE.

A. ASBESTOS TWINE.
Philip Carey Mfg. Co., 138 Washington St., Chicago, Ill.
H. W. Johns Mfg. Co., 100 William St., New York.

B. BAG TWINE.
Barbour Flax Spinning Co., Paterson, N. J.

C. BALING TWINE.
Barbour Flax Spinning Co., Paterson, N. J.
Tie Company, Unadilla, N. Y.

D. BALL TWINE.
Marshall & Co., New York.

E. BINDER TWINE.
Akron Twine & Cordage Co., Akron, O.
Aultman, Miller & Co., Akron, O.
Aultman & Taylor Machine Co., Mansfield, O.
Bibb Mfg. Co., Macon, Ga.
Bradley Cordage Co., Dayton, O.
Cable Flax Mills, Schaghticoke, N. Y.
Chelsea Jute Mills, 316 Broadway, New York.
Columbia Cordage Co., Auburn, N. Y.
Deering Harvester Co., Fullerton & Clybourn Avs., Chic., Ill.
Field Twine & Cordage Co., Xenia, O.
Edwin H. Fitler & Co., 23 N. Water St., Philadelphia, Pa.
John Flocker & Co., Ltd., Pittsburg, Pa.
Hooven & Allison Co., Xenia, O.
Hoover & Gamble Co., Miamisburg, O.
Johnston Harvester Co., Batavia, N. Y.
Kentucky River Mills, Frankfort, Ky.
Lawrence Cordage Works, 46 South St., New York.
McCormick Harvesting Machine Co., Chicago, Ill.
Benj. Moon, Washington, R. I.
D. S. Morgan & Co., Brockport, N. Y.

	New Bedford Cordage Co., New Bedford, Mass.
	Northwestern Grass Twine Co., St. Paul, Minn.
	D. M. Osborne & Co., Auburn, N. Y.
	Overman & Schrader Cordage Co., Cincinnati, O.
	Plymouth Cordage Co., Plymouth, Mass.
	Portland Cordage Co., Portland, Ore.
	Schlichter Jute Cordage Co., 21 N. Front St., Phila., Pa.
	Standard Rope & Twine Co., 287 Broadway, New York.
	Tennessee Line & Twine Co., Elizabethtown, Tenn.
	Travers Bros. Co., 107 Duane St., New York.
	Waterbury Rope Co., 69 South St., New York.
	Walter A. Wood M. & R. Mach. Co., Hoosick Falls, N. Y.
F. BROOM TWINE.	Marshall & Co., New York.
G. BRUSH TWINE.	Marshall & Co., New York.
H. CORDAGE TWINE.	Plymouth Cordage Co., Plymouth, Mass.
I. COTTON TWINE.	Bibb Mfg. Co., Macon, Ga.
	Columbia Mill Co., Columbia, S. C.
	John H. Estes & Son, Fall River, Mass.
	Greenwoods Co., New Hartford, Conn.
	Hooven & Allison, Xenia, O.
	Jacobs Cordage Co., 646 Carr St., Cincinnati, O.
	January & Wood Co., Maysville, Ky.
	H. & G. W. Lord, 111 Commercial St., Boston, Mass.
	Mississippi Mills, Wesson, Miss.
	Benjamin Moon, Washington, R. I.
	Mount Vernon Co., Baltimore, Md.
	Neville & Co., Inc., 31 California St., San Francisco, Cal.
	Porterdale Mills, Covington, Ga.
	Samson Cordage Works, 115 Congress St., Boston, Mass.
	Standard Rope & Twine Co., Broadway, New York.
	Travers Bros. Co., 107 Duane St., New York.
	West Huntsville Cotton Mills Co., Huntsville, Ala.
	Westport Mfg. Co., Fall River, Mass.
	Whittier Cotton Mills, Lowell, Mass.
	Woodberry Mfg. Co., Baltimore, Md.
J. DRUG TWINE.	Catawba Electric Power Co., Mountain Island, N. C.
K. FIBRE TWINE.	Wortendyke Mfg. Co., Richmond, Va.
L. FLAX TWINE.	Bentley & Gerwig, Ltd., New Brighton, Pa.
	Cable Flax Mills, Schaghticoke, N. Y.
	A. H. Hart Co., 90 White St., New York.
	Jacobs Cordage Co., 646 Carr St., Cincinnati, O.
	Marshall & Co., New York.
	Smith & Dove Mfg. Co., Andover, Mass.
	Standard Rope & Twine Co., 287 Broadway, New York.
	James Thompson & Co., Valley Falls, N. Y.
M. HARNESS TWINE.	Finlayson, Bonsfield & Co., N. Grafton, Mass.
	Hadley Co., Holyoke, Mass.
N. HEMP TWINE.	John T. Bailey & Co., 1136 Market St., Phila., Pa.
	Cable Flax Mills, Schaghticoke, N. Y.
	Jacobs Cordage Co., 646 Carr St., Cincinnati, O.
	Ludlow Mfg. Co., Ludlow, Mass.
	Marshall & Co., New York.
	Radcliffe & Shaw, Glen Rock, Pa.
	Standard Rope & Twine Co., 287 Broadway, New York.
	James Thompson & Co., Valley Falls, N. Y.
O. JUTE TWINE.	John T. Bailey & Co., 1136 Market St., Philadelphia, Pa.
	Dolphin Jute Mills, Paterson, N. J.
	Galveston Bagging & Cordage Co., Galveston, Tex.
	Thos. Jackson & Son, Reading, Pa.
	Lawrence Cordage Works, 46 South St., New York.
	Schlitcher Jute Cordage Co., 21 N. Front St., Philadelphia, Pa.
	Standard Rope & Twine Co., 287 Broadway, New York.
P. LINEN TWINE.	John T. Bailey & Co., 1136 Market St., Philadelphia, Pa.
	Cable Flax Mills, Schaghticoke, N. Y.
	Dunbarton Flax Spinning Co., Greenwich, N. Y.
Q. LOOM TWINE.	Hadley Co., 95 Milk St., Boston, Mass.
R. MANILA TWINE.	Akron Twine & Cordage Co., Akron, O.
	Columbia Cordage Co., Auburn, N. Y.
	New Bedford Cordage Co., New Bedford, Mass.
	Plymouth Cordage Co., N. Plymouth, Mass.
	Tubbs Cordage Co., San Francisco, Cal.
S. MATTRESS TWINE.	Marshall & Co., New York.
T. PAPER MAKER'S TWINE.	Thos. Jackson & Son, Reading, Pa.
	Lawrence Cordage Works, 46 South St., New York.
U. ROPING TWINE.	Marshall & Co., New York.
V. SAIL TWINE.	Barbour Flax Spinning Co., Paterson, N. J.

Greenwoods Co., New Hartford, Conn.
Wm. E. Hooper & Sons, 26 S. Frederick St., Baltimore, Md.
Laurel Mills, 9 W. German St., Baltimore, Md.
Marshall & Co., Kearney, N. J.

W. SALMON NET TWINE, LINEN. — Finlayson, Bonsfield & Co., N. Grafton, Mass.

X. SEINE TWINE.
Bibb Mfg. Co., Macon, Ga.
Catawba Electric Power Co., Mountain Island, N. C.
Columbia Mill Co., Columbia, S. C.
Gloucester Net & Twine Co., Commercial St., Boston, Mass.
Hadley Co., Holyoke, Mass.
Wm. E. Hooper & Sons, 26 S. Frederick St., Baltimore, Md.
H. & G. W. Lord, 111 Commercial St., Boston, Mass.
R. W. Lord & Co., Kennebunk,, Me.
Ludlow Mfg. Co., Ludlow, Mass.
Mount Vernon Co., Baltimore, Md.
New York Net & Twine Co., Moodus, Conn.
Porterdale Mills, Covington, Ga.
Ravine Mills Co., Vernon, Conn.

Y. SISAL TWINE. — Columbia Cordage Co., Auburn, N. Y.

Z. WRAPPING TWINE.
Bibb Mfg. Co., Macon, Ga.
Wm. E. Hooper & Sons, 26 S. Frederick St., Baltimore, Md.
Kentucky River Mills, Frankfort, Ky.

XII. EARTHENWARE.

439. ARTISTIC POTTERY.
Ceramic Art Co., Trenton, N. J.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Rookwood Pottery Co., Cincinnati, O.
J. S. Taft & Co., Keene, N. H.
Willets Mfg. Co., Trenton, N. J.

440. C. C. WARE.
Amer. Porcelain Works, Trenton, N. J.
Artistic Porcelain Co., Trenton, N. J.
L. B. Beerbower & Co., Elizabeth, N. J.
Bell Pottery Co.. Findlay, O.
Bellmark Pottery Co., Trenton, O.
Edwin Bennett Pottery Co., Baltimore, Md.
Brian Pottery Co., Trenton, N. J.
Brockman Pottery Co., Cincinnati, O.
Burgess & Co., E. Liverpool, O.
Cartwright Bros. Co., E. Liverpool, O.
Ceramic Art Co., Trenton, N. J.
Cook Pottery Co., Trenton, N. J.
Crescent Pottery, Trenton, N. J.
Economy Pottery Co., Trenton, N. J.
Egyptian Pottery Co., Trenton, N. J.
Goodwin Pottery Co., E. Liverpool, O.
Greenwood China Co., Trenton, N. J.
Greenwood Pottery Co., Trenton, N. J.
Harker Pottery Co., E. Liverpool, O.
Hart Brewer Pottery Co., Trenton, N. J.
W. C. Hendrickson & Co., Trenton, N. J.
Imperial Porcelain Works, Trenton, N. J.
International Pottery Co., Trenton, N. J.
Ironsides Pottery Co., Bordentown, N. J.
Keystone Pottery Co., Trenton, N. J.
Knowles, Taylor & Knowles Co., E. Liverpool, O.
Maddock Pottery Co., Trenton, N. J.
John Maddock & Sons, Trenton, N. J.
Thos. Maddock & Sons, Trenton, N. J.
Maryland Pottery Co., Baltimore, Md.
Mercer Pottery Co., Trenton, N. J.
Monument Pottery Co., Trenton, N. J.
Morris & Wilmore, Trenton, N. J.
John Moses & Sons Co., Trenton, N. J.
New England Pottery Co., E. Boston, Mass.
Jas. E. Norris, Trenton, N. J.

Onondaga Pottery Co., Syracuse, N. Y.
J. B. Owens Pottery Co., Zanesville, O.
Potters' Co-operative Co., E. Liverpool, O.
Sanitary Earthenware Specialty Co., Trenton, N. J
Geo. Scott & Sons, Cincinnati, O.
C. C. Thomson Pottery Co., East Liverpool, O.
Trenton Potteries Co., Trenton, N. J.
Union Co-operative Pottery Co., E. Liverpool, O
Nancy Wallace, E. Liverpool, O.
S. A. Weller, Zanesville, O.
Willets Mfg. Co., Trenton, N. J.

441. CHINAWARE.

A. DECORATED CHINAWARE.
Edwin Bennett Pottery Co., Baltimore, Md.
Wm. Brunt Pottery Co., E. Liverpool, O.
Burford Bros. Pottery Co., E. Liverpool, O.
Cartwright Bros. Co., E. Liverpool, O.
Crescent Pottery. Trenton, N. J.
Croxall Pottery Co., East Liverpool, O.
East End Pottery Co., E. Liverpool, O.
East Liverpool Pottery Co., East Liverpool, O.
East Palestine Pottery Co., East Palestine, O.
Globe Pottery Co., East Liverpool, O.
Goodwin Pottery Co., East Liverpool, O.
Harker Pottery Co., East Liverpool, O.
Wm. C. Hendrickson & Co., Trenton, N. J.
International Pottery Co., Trenton, N. J.
Knowles, Taylor & Knowles Co., East Liverpool, O
Laughlin-Homer China Co., East Liverpool, O.
D. E. McNicol Pottery Co., East Liverpool, O.
Maryland Pottery Co., Baltimore, Md.
Mayer Pottery Co., Ltd., Beaver Falls, Pa.
Mercer Pottery Co., Trenton, N. J.
John Moses & Sons Co., Trenton, N. J.
Geo. C. Murphy & Co., East Liverpool, O.
Ohio China Co., E. Palestine, O.
J. Patterson & Son, Wellsville, O.
Pioneer Pottery Co., Wellsville, O.
Potter's Co-operative Co., East Liverpool, O
Rookwood Pottery Co., Cincinnati, O.
Standard Pottery Co., East Liverpool, O.
Steubenville Pottery Co., Steubenville, O.
C. C. Thomson Pottery Co., East Liverpool, O.
Trenton Potteries Co., Trenton, N. J.
Union Co-operative Pottery Co., East Liverpool, O
United States Pottery Co., East Liverpool, O.
Vodrey Pottery Co., East Liverpool, O.
Nancy Wallace, East Liverpool, O.
Warwick China Co., Wheeling, W. Va.
Wellsville Pioneer Pottery Co., Wellsville, O.
West End Pottery Co., East Liverpool, O.
Wheeling Pottery Co., Wheeling, W. Va.
Willetts Mfg. Co., Trenton, N. J.

B. DECORATED SEMI-GRANITE WARE.
L. B. Beerbower & Co., Elizabeth, N. J.

C. SEMI-VITREOUS CHINA-WARE.
International Pottery Co., Trenton, N. J.
Knowles, Taylor & Knowles Co., East Liverpool, O
Laughlin-Homer China Co., East Liverpool, O.
Steubenville Pottery Co., Steubenville, O.

D. WHITE CHINAWARE
Mercer Pottery Co., Trenton, N. J.
Willets Mfg. Co., Trenton, N. J.

442. DRUGGISTS' POTTERY.
L. B. Beerbower & Co., Elizabeth, N. J.
Cartwright Bros. Co., East Liverpool, O.
Chesapeake Glass Co., Baltimore, Md.
Edmands & Hooper, Charlestown, Mass.
Indianapolis Pottery Co., Indianapolis, Ind.
John Moses & Sons Co., Trenton, N. J.
M. Perine & Sons, Baltimore, Md.

443. MAJOLICA.
Chester Pottery Co., Ltd., Phoenixville, Pa.
Mayer Pottery Mfg. Co., Trenton, N. J.
Monument Pottery Co., Trenton, N. J.
Morris & Wilmore, Trenton, N. J.

444. P. G. WARE.
Warwick China Co., Inc., Wheeling, W. Va.
Wheeling Pottery Co., Inc., Wheeling, W. Va.
Willets Mfg. Co., Trenton, N. J.

445. PORCELAIN WARE.
G. F. Brunt Porcelain Works, East Liverpool, O.

Burford Bros. Pottery Co., East Liverpool, O.
Ceramic Art Co., Trenton, N. J.
East End Pottery Co., East Liverpool, O.
Greenwood Pottery Co., Trenton, N. J.
Knowles, Taylor & Knowles Co., East Liverpool, O.
Laclede Carbon & Electric Co., Kokomo, Ind.
Laughlin-Homer China Co., East Liverpool, O.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Union Porcelain Works, 300 Eckford St., Brooklyn, N. Y.

A. BRISTOL WARE. Pittsburg Clay Mfg. Co., New Brighton, Pa.

B. PORCELAIN MECHANICAL SPECIALTIES. Imperial Porcelain Works, Trenton, N. J.

C. SEMI-VITREOUS PORCELAIN. Knowles, Taylor & Knowles Co., East Liverpool, O.

446. POTTERY.

A. BEAN POTS. Edmands & Hooper, Charlestown, Mass.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Red Wing Stoneware Co., Red Wing, Minn.

B. CARBOY CAPS. A. H. Hews & Co., North Cambridge, Mass.
John Moses & Sons Co., Trenton, N. J.

C. ENAMELLED POTTERY. Merrimac Ceramic Co., Newburyport, Mass.

D. FLOWER POTS. Birmingham Fire Brick Works, Birmingham, Ala.
Goodwin Bros. Pottery Co., Elmwood, Conn.
A. H. Hews & Co., N. Cambridge, Mass.
John E. Jeffords & Co., 711 Wharton St., Philadelphia, Pa.
Pittsburg Clay Mfg. Co., New Brighton, Pa.

E. FLOWER POT SAUCERS. Cordley & Hayes, 172 Duane St., New York.

F. HEN FOUNTAINS. Edmands & Hooper, Charlestown, Mass.
Pittsburg Clay Mfg. Co., New Brighton, Pa.

447. SANITARY POTTERY. Bellmark Pottery Co., Trenton, N. J.
Ceramic Art Co., Trenton, N. J.
Crescent Pottery, Trenton, N. J.
Enterprise Pottery, Trenton, N. J.
Greenwood Pottery Co., Trenton, N. J.
Keystone Pottery Co., Trenton, N. J.
Thos. Maddock & Sons, Trenton, N. J.
Mercer Pottery Co., Trenton, N. J.
Trenton Potteries Co., Trenton, N. J.
Willets Mfg. Co., Trenton, N. J.

448. SEMI-PORCELAIN DINNER WARE.
Mercer Pottery Co., Trenton, N. J.

449. SEMI-PORCELAIN WARE.
International Pottery Co., Trenton, N. J.
Vodrey Pottery Co., East Liverpool, O.
Warwick China Co., Wheeling, W. Va.

450. STONEWARE. Birmingham Fire Brick Works, Birmingham, Ala.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Whitmore-Robinsons Co., Akron, O.

451. TOILET WARE. D. F. Haynes & Son, Baltimore, Md.
Thos. Maddock & Sons, Trenton, N. J.
Mercer Pottery Co., Trenton, N. J.
John Moses & Sons Co., Trenton, N. J.
New England Pottery Co., E. Boston, Mass.
Trenton Potteries Co., Trenton, N. J.
Vodrey Pottery Co., East Liverpool, O.
Willets Mfg. Co., Trenton, N. J.

452. TOY WARE. Ceramic Art Co., Trenton, N. J.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Laughlin-Homer China Co., East Liverpool, O.
Steubenville Pottery Co., Steubenville, O.

453. W. G. WARE. Akron Stoneware Co., Akron, O.
Amer. Porcelain Works, Trenton, N. J.
Artistic Porcelain Co., Trenton, N. J.
Bellmark Pottery Co., Trenton, N. J.
Bell Pottery Co., Findlay, O.
Edwin Bennett Pottery Co., Baltimore, Md.
Brian Pottery Co., Trenton, N. J.
Brockman Pottery Co., Cincinnati, O.
Wm. Brunt Pottery Co., East Liverpool, O.
Burgess & Co., East Liverpool, O.
Cartwright Bros. Co., East Liverpool, O.
Ceramic Art Co., Trenton, N. J.
Cook Pottery Co., Trenton, N. J.
Crescent Pottery, Trenton, N. J.
Economy Pottery Co., Trenton, N. J.
Egyptian Pottery Co., Trenton, N. J.

Goodwin Pottery Co., East Liverpool, O.
Greenwood Pottery Co., Trenton, N. J.
Harker Pottery Co., East Liverpool, O.
Hart Brewer Pottery Co., Trenton, N. J.
W. C. Hendrickson & Co., Trenton, N. J.
Imperial Porcelain Works, Trenton, N. J.
International Pottery Co., Trenton, N. J.
Ironsides Pottery Co., Bordentown, N. J.
Keystone Pottery Co., Trenton, N. J.
Knowles, Taylor & Knowles Co., East Liverpool, O.
Laughlin-Homer China Co., East Liverpool, O.
Thos. Maddock & Sons, Trenton, N. J.
Maryland Pottery Co., Baltimore, Md.
Mayer Pottery Co., Ltd., Beaver Falls, Pa.
Mercer Pottery Co., Trenton, N. J.
Monument Pottery Co., Trenton, N. J.
Morris & Wilmore, Trenton, N. J.
John Moses & Sons Co., Trenton, N. J.
New England Pottery Co., East Boston, Mass.
Jas. E. Norris, Trenton, N. J.
Onondaga Pottery Co., Syracuse, N. Y.
Potters' Co-operative Co., East Liverpool, O.
Geo. Scott's Sons, Cincinnati, O.
Standard Pottery Co., East Liverpool, O.
Steubenville Pottery Co., Steubenville O.
Vodrey Pottery Co., East Liverpool, O.
Nancy Wallace, East Liverpool, O.
Wheeling Pottery Co., Wheeling, W. Va.
Wick China Co., Kittanning, Pa.
Willets Mfg. Co., Trenton, N. J.

454. YELLOW & ROCKINGHAM WARE.
Cartwright Bros. Co., East Liverpool, O.
C. C. Thomson Pottery Co. East Liverpool, O.
Whitmore-Robinsons Co., Akron, O.

XIII. ELECTRICAL APPARATUS.

455. ACCUMULATORS, ELECTRIC.
C. G. Akam Mfg. Co., 12 Adams St., Chicago, Ill.
American Battery Co., 174 S. Clinton St., Chicago, Ill.
American Electric Supply & Construction Co., New York.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
C. & C. Electric Co., 143 Liberty St., New York.
Cleveland Electrical Mfg. Co., Cleveland, O.
Electric Storage Battery Co., 838 Drexel Bldg., Phila., Pa.
Electro-Dynamic Co. of Phila., 224 Ionic St., Phila., Pa.
General Electric Co., Schenectady, N. Y.

456. ANNUNCIATORS, ELECTRIC.
E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Edwards & Co., 144th St. & 4th Av., New York.
W. R. Ostrander & Co., 22 Dey St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.
Utica Electrical Mfg. & Supply Co., Utica, N. Y.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
J. F. Wollensak, Lake & Franklin Sts., Chicago, Ill.

457. ARMATURE COMPOUNDS.
Massachusetts Chemical Co., Boston, Mass.

458. BATTERIES, ELECTRIC.
Ansonia Electric Co., Ansonia, Conn.
Cherry Electric Works, 25 3d Av., New York.
Gordon-Burnham Battery Co., 594 Broadway, New York.
Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
Miamisburg Electric Co., Miamisburg, O.
Fred. Pearce, 79 John St., New York.
Utica Electrical Mfg. & Supply Co., Utica, N. Y.

A. BLASTING BATTERIES.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Arthur Kirk & Son, Pittsburg, Pa.
	James Macbeth & Co., 128 Maiden Lane, New York.
	Rendrock Powder Co., 100 Broadway, New York.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
B. CARBON CYLINDER BATTERIES.	E. G. Bernard Co., Troy, N. Y.
	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Gordon-Burnham Battery Co., 594 Broadway, New York.
	National Carbon Co., Cleveland, O.
	Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
C. CHLORIDE OF SILVER BATTERIES.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Chloride of Silver Dry-Cell Battery Co., Baltimore, Md.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
D. DIPPING BATTERIES.	International Electric Co., 76 Beekman St., New York.
E. DRY BATTERIES.	Electric Appliance Co., Inc., Burlington, Kan.
	Kester Electric Mfg. Co., Buffalo, N. Y.
	Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
	Miamisburg Electric Co., Miamisburg, O.
F. EXPERIMENTAL BATTERIES.	Thos. Hall & Son, 79 Franklin St., Boston, Mass.
G. GRAVITY BATTERIES.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Electric Storage Battery Co., 838 Drexel Bldg., Phila., Pa.
	Electro-Dynamic Co. of Phila., 224 Ionic St., Phila., Pa.
	General Electric Co., Schenectady, N. Y.
	Gethius Elec. Mfg. Co., 620 Atlantic Av., Boston, Mass.
H. LE CLANCHÉ BATTERIES.	E. G. Bernard Co., Troy, N. Y.
	Gordon-Burnham Battery Co., 594 Broadway, New York.
	Le Clanché Battery Co., 117 E. 131st St., New York.
I. MEDICAL BATTERIES.	A. S. Aloe Co., 415 N. Broadway St., St. Louis, Mo.
	C. F. Birtman & Co., 35 Randolph St., Chicago, Ill.
	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Chloride of Silver Dry-Cell Battery Co., Baltimore, Md.
	Edison Phonograph Agency, 44 Broad St., New York.
	Electric Appliance Co., Inc., Burlington, Kan.
	Electro Medical Battery Co., Kalamazoo, Mich.
	Thos. Hall & Son, 79 Franklin St., Boston, Mass.
	J. Jones & Son, 64 Cortlandt St., New York.
	McIntosh Bat. & Opt. Co., 521 Wabash Av., Chicago, Ill.
	Ohio Electric Works, Cleveland, O.
	Swett & Lewis Co., 11 Bromfield St., Boston, Mass.
	Van Houten & Ten Broeck, 300 4th Av., New York.
J. POCKET BATTERIES.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Electro Medical Battery Co., Kalamazoo, Mich.
K. PRIMARY ELECTRIC BATTERIES.	Gordon-Burnham Battery Co., 594 Broadway, New York.
L. SAL AMMONIAC BATTERIES.	Peru Electric Mfg. Co., Peru, Ind.
M. STORAGE BATTERIES.	American Battery Co., 174 S. Clinton St., Chicago, Ill.
	Dayton Mfg. Co., Dayton, O.
	Electric Storage Battery Co., 838 Drexel Bldg., Phila., Pa.
	Elwell-Parker Electric Co., Hamilton St., Cleveland, O.
	High Tension Elec. Stor. Co., 1215 Filbert St., Phila., Pa.

459. BATTERY SUPPLIES.

A. BATTERY BUSHINGS.	Peru Electric Mfg. Co., Peru, Ind.
B. BATTERY CELLS.	Edison Phonograph Agency, 44 Broad St., New York.
	Goodrich Hard Rubber Co., Akron, O.
	Gordon-Burnham Battery Co., 594 Broadway, New York.
	John E. Jeffords & Co., 2715 Edgmont St., Philadelphia, Pa.
	National Carbon Co., Cleveland, O.
	New England Pottery Co., E. Boston, Mass.
	Rodefer Bros., Bellaire, O.
	Salem Glass Works, Salem, N. J.
C. BATTERY CLAMPS.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Edison Phonograph Agency, 44 Broad St., New York.
	Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
D. BATTERY COPPERS.	Beattie Zinc Works Co., Reading, Mass.
E. BATTERY FLUID.	Bissell Chemical Co., McKeesport, Pa.
	J. Jones & Son, 64 Cortlandt St., New York.
F. BATTERY JARS.	Peru Electric Mfg. Co., Peru, Ind.
G. BATTERY ZINCS.	Beattie Zinc Works Co., Reading, Mass.
	Carr Metal Co., Fall River, Mass.
	Coe Brass Mfg. Co., Torrington, Conn.

Edes Mfg. Co., Plymouth, Mass.
Edison Phonograph Agency, 44 Broad St., New York.
J. Jones & Son, 64 Cortlandt St., New York.
Keystone Telephone Co., Pittsburg, Pa.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
National Carbon Co., Cleveland, O.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Peru Electric Mfg. Co., Peru, Ind.
E. Phillips & Sons, South Hanover, Mass.
Washington Carbon Co., Pittsburg, Pa.

H. POROUS CUPS. Edison Phonograph Agency, 44 Broad St., New York.
Gordon-Burnham Battery Co., 594 Broadway, New York.
New England Pottery Co., E. Boston, Mass.
Washington Carbon Co., Pittsburg, Pa.

I. POROUS PLATES, STORAGE BATTERY. A. H. Hews & Co., N. Cambridge, Mass.

460. BELLS, ELECTRIC.

Ansonia Electric Co., Ansonia, Conn.
E. G. Bernard Co., Troy, N. Y.
Bevin Bros. Mfg. Co., E. Hampton, Conn.
E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.
Bridgeport Brass Co., Bridgeport, Conn.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
J. Elliott Shaw & Co., 632 Arch St., Philadelphia, Pa.
Gong Bell Mfg. Co., E. Hampton, Conn.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
W. R. Ostrander & Co., 22 Dey St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Frederick Pearce, 79 John St., New York.
New Haven Clock Co., New Haven, Conn.
Novelty Electric Co., 54 N. 4th St., Philadelphia, Pa.
Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.
Viaduct Mfg. Co., Baltimore, Md.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.
J. F. Wollensak, Lake & Franklin Sts., Chicago, Ill.

A. EXCHANGE BELLS, ELECTRIC. Williams Electric Co., 80 Seneca St., Cleveland, O.

B. EXTENSION BELLS, ELECTRIC. Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
Williams Electric Co., 80 Seneca St., Cleveland, O.

C. MULTIPLE TOLL LINE BELLS. Williams Electric Co., 80 Seneca St., Cleveland, O.

461. BINDING POSTS, ELECTRICAL.

American Electric Telephone Co., 171 S. Canal St., Chic., Ill.
Hartford Mach. Screw Co., Hartford, Conn.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
International Electric Co., 76 Beekman St., New York.

462. BOARDS, ELECTRICAL.

A. CROSS CONNECTING BOARDS. Victor Telephone Mfg. Co., 166 S. Clinton St., Chicago, Ill.

B. DISTRIBUTING BOARDS. Sterling Electric Co., 15 W. Adams St., Chicago, Ill.
Utica Electrical Mfg. & Supply Co., Utica, N. Y.

C. HANGER BOARDS. Fort Wayne Electric Corporation, Fort Wayne, Ind.
K. & W. Co., Pittsfield, Mass.

D. TABLET BOARDS. Utica Electrical Mfg. & Supply Co., Utica, N. Y.

463. BOXES, ELECTRICAL.

A. BELL BOXES. H. C. Underwood Mfg. Co., Wabash, Ind.
Union Hardware Co., Torrington, Conn.

B. CONDUIT BOXES, ELECTRIC SWITCH. Anchor Electric Co., 71 Federal St., Boston, Mass.

C. DISTRICT CALL BOXES. J. H. Bunnell & Co., 76 Cortlandt St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Frederick Pearce, 79 John St., New York.
Viaduct Electric Co., Baltimore, Md.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

D. FUSE BOXES. Utica Electrical Mfg. & Supply Co., Utica, N. Y.

E. JUNCTION BOXES. Utica Electrical Mfg. & Supply Co., Utica, N. Y.

F. MAGNETO BOXES. Union Hardware Co., Torrington, Conn.

G. OUTLET BOXES, PORCELAIN LINED. Ward Leonard Electric Co., Bronxville, N. Y.

H. STORAGE BATTERY BOXES. H. C. Underwood Mfg. Co., Wabash, Ind.

I. SWITCH BOXES, LINED. Ward Leonard Electric Co., Bronxville, N. Y.

J. TELEPHONE BOXES. Northwestern Casket Co., Minneapolis, Minn.

K. TRANSMITTER BOXES. H. C. Underwood Mfg. Co., Wabash, Ind.

464. BRUSHES, MACHINE, ELECTRICAL.

Eureka Tempered Copper Co., North East, Pa.
Hobart Electric Mfg. Co., Troy, O.

A. CARBON MOTOR & GENERATOR BRUSHES. Washington Carbon Co., 64 Conestoga Bldg., Pittsburg, Pa.

B. COMMUTATOR BRUSHES. Holmes Fibre & Graphite Mfg. Co., Bristol St., Phila., Pa.
Phila. Elec. & Mfg. Co., 2011 Market St., Philadelphia, Pa.

465. BURGLAR ALARMS, ELECTRIC.

Edwards & Co., 144th St. & 4th Av., New York.
Electric Protection Co., 1026 Filbert St., Philadelphia, Pa.
New Haven Clock Co., New Haven, Conn.
Novelty Electric Co., 54 N. 4th St., Philadelphia, Pa.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Pittsburg Electrical & Machine Works, Pittsburg, Pa.
J. Elliott Shaw & Co., 632 Arch St., Philadelphia, Pa.
Western Electrical Co., Omaha, Neb.

466. CABLES, ELECTRIC.

American Electrical Works, Providence, R. I.
Ansonia Brass & Copper Co., Ansonia, Conn.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Alfred F. Moore, 200 N. 3d St., Philadelphia, Pa.
Pittsburg Electrical & Machine Works, Pittsburg, Pa.
Safety Insulated Wire & Cable Co., 229 W. 28th, New York.
Standard Underground Cable Co., Pittsburg, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

A. INCANDESCENT LIGHT CORDAGE. American Electrical Works, Providence, R. I.

B. INSULATED CABLES, ELECTRIC. N. Y. Insulated Wire Co., 15 Cortlandt St., New York.

C. SUBMARINE CABLES. Simplex Electrical Co., 75 Cornhill St., Boston, Mass.

D. TELEPHONE CABLES. American Electrical Works, Providence, R. I.

E. UNDERGROUND CABLES. Simplex Electrical Co., 75 Cornhill St., Boston, Mass.

467. CABLE TERMINALS & PROTECTORS.

Sterling Electric Co., 73 W. Adams St., Chicago, Ill.

468. CARBON.

A. CARBON FLOUR. National Carbon Co., Cleveland, O.

B. CARBON, GRANULATED. National Carbon Co., Cleveland, O.

C. PREPARED CARBON. John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

469. CARBONS.

A. BATTERY CARBONS.
Kern Electric Mfg. Co., Kern, Ind.
National Carbon Co., Cleveland, O.
Peru Electric Mfg. Co., Peru, Ind.
Pittsburg Electrical & Machine Works, Pittsburg, Pa.
Solar Carbon & Mfg. Co., Pittsburg, Pa.
Standard Carbon Co., Cleveland, O.

B. CARBON RODS. National Carbon Co., Cleveland, O.

C. CORED CARBONS. Washington Carbon Co., 64 Conestoga Bldg., Pittsburg, Pa.

D. ELECTRIC LIGHT CARBONS.
Faraday Carbon Co., Jeannette, Pa.
National Carbon Co., Cleveland, O.
Solar Carbon & Mfg. Co., Pittsburg, Pa.
Standard Carbon Co., Cleveland, O.
Washington Carbon Co., 64 Conestoga Bldg., Pittsburg, Pa.

E. ELECTROLYTIC CARBONS. National Carbon Co., Cleveland, O.

F. SPECIAL CARBONS. Washington Carbon Co., 64 Conestoga Bldg., Pittsburg, Pa.

470. CEILING FACES, ELECTRIC.

Phila. Elec. & Mfg. Co., 2011 Market St., Philadelphia, Pa.

471. CIRCUIT BREAKERS.

Cutter Electrical & Mfg., Co., 1116 Sansom St., Phila., Pa.
Ward Leonard Electric Co., Bronxville, N. Y.

472. COILS, ELECTRICAL.

A. FARADIC COILS. International Electric Co., 76 Beekman St., New York.

B. INDUCTION COILS.
Amer. Electric Telephone Co., 171 S. Canal St., Chicago, Ill.
A. L. Bogart Co., 123 Liberty St., New York.
E C. Bradley & Co., Rochester, N. Y.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.
International Electric Co., 76 Beekman St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.
E. S. Ritchie & Sons, Brookline, Mass.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

C. RESISTANCE COILS.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

D. RUHMKORFF COILS.
Edison Phonograph Agency, 44 Broad St., New York.
International Electric Co., 76 Beekman St., New York.
Swett & Lewis Co., 11 Bromfield St., Boston, Mass.

E. SHUNT COILS. Sheehan & Hewitt, Newburgh, N. Y.

F. SPARK COILS.
E. C. Bradley & Co., Rochester, N. Y.
International Electric Co., 76 Beekman St., New York.
J. Jones & Son, 64 Cortlandt St., New York.

473. COMMUTATOR BARS.
Billings & Spencer Co., Hartford, Conn.
Forest City Electric Co., Cleveland, O.
E. A. Williams & Son, 105-111 Plymouth St., Jersey City, N. J.

474. COMMUTATORS.
Chicago Armature Co., 14 N. Canal St., Chicago, Ill.
Eureka Tempered Copper Co., North East, Pa.
F. E. Homer & Co., Cleveland, O.
Richmond Electrical Works, 704 E. Main St., Richmond, Va.
Utica Electrical Mfg. & Supply Co., Utica, N. Y.

A. ASSEMBLED COMMUTATORS.
Eureka Tempered Copper Co., North East, Pa.

B. GENERATION COMMUTATORS.
F. E. Homer & Co., Cleveland, O.

C. MERCURY COMMUTATORS.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

D. REFILLED COMMUTATORS.
Eureka Tempered Copper Co., North East, Pa.

E. SPECIAL COMMUTATORS.
F. E. Homer & Co., Cleveland, O.

475. COMMUTATORS, COMPOUND ELECTRICAL.
Kester Electric Mfg. Co., Buffalo, N. Y.

476. COMMUTATOR SEGMENTS.
Eureka Tempered Copper Co., North East, Pa.
Miamisburg Electric Co., Miamisburg, O.
Phila. Elec. & Mfg. Co., 2011 Market St., Philadelphia, Pa.

477. COMMUTATOR TRUING DEVICES.
Fort Wayne Electric Corporation, Fort Wayne, Ind.

478. CONDENSERS, ELECTRIC.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Electric Protection Co., 1026 Filbert St., Philadelphia, Pa.
Electric Railway Equipment Co., Cincinnati, O.
Electro-Dynamic Co. of Phila., 224 Ionic St., Phila., Pa.
General Electric Co., Schnectady, N. Y.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

479. CONDUITS, ELECTRICAL.
Blackmer & Post Pipe Co., Laclede Bldg., St. Louis, Mo.
Sprague Electric Co., 20 Broad St., New York.
Standard Sewer Pipe Co., Rochester, N. Y.
H. Stevens Sons Co., Macon, Ga.

A. CREOSOTED WOODEN CONDUITS.
Michigan Pipe Co., Bay City, Mich.
Williamsport Wooden Pipe Co., Williamsport, Pa.

480. CONTROLLERS, ELECTRIC.
Bullock Electric Mfg. Co., Cincinnati, O.
Card Electric Co., Mansfield, O.
Electric Controller & Supply Co., Cleveland, O.
Gordon-Burnham Battery Co., 594 Broadway, New York.
Lowell Model Co., Lowell, Mass.

A. REVERSING MOTOR CONTROLLERS.
Keystone Electric Co., Erie, Pa.
Ward Leonard Electric Co., Bronxville, N. Y.

481. CONVERTERS, INDUCTION COIL.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

482. CORES, ARMATURE & MAGNET.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Chicago Armature Co., 14-16 N. Canal St., Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

483. CUT-OUTS & PLUGS.
Anchor Electric Co., 71 Federal St., Boston, Mass.
E. G. Bernard Co., Troy, N. Y.
Bryant Electric Co., Bridgeport, Conn.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Peru Electric Mfg. Co., Peru, Ind.
Philadelphia Elec. & Mfg. Co., 2011 Market St., Phila., Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

A. AUTOMATIC CUT-OUTS.
Automatic Clock Co., Syracuse, N. Y.

B. CEILING CUT-OUTS.
Hart & Gibbs Mfg. Co., Hartford, Conn.

C. CUT-OUT BOXES.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
Ward Leonard Electric Co., Bronxville, N. Y.

D. ATTACHMENT PLUGS.
Anchor Electric Co., 71 Federal St., Boston, Mass.
Wm. T. Pringle, 1026 Filbert St., Philadelphia, Pa.

E. BRASS PLUGS.
H. Mueller Mfg. Co., Decatur, Ill.

484. DETECTORS, GROUND.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
Keystone Elec. Instr. Co., Montgomery Av., Philadelphia, Pa.

Utica Electrical Mfg. & Supply Co., Utica, N. Y.

485. DIRECT CURRENT ELECTRICAL APPARATUS.
Jenney Electric Mfg. Co., Indianapolis, Ind.

486. DOOR OPENERS, ELECTRIC.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Edwards & Co., 144th St. & 4th Av., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

487. DYNAMO BRUSHES.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
K. & W. Co., Pittsfield, Mass.
Miamisburg Electric Co., Miamisburg, O.
Chas. Wirt, 1028 Filbert St., Philadelphia, Pa.

A. CARBON DYNAMO BRUSHES.
E. G. Bernard Co., Troy, N. Y.
National Carbon Co., Cleveland, O.
Standard Carbon Co., Cleveland, O.

B. LEAF COPPER DYNAMO BRUSHES.
Ohio Electric Specialty Mfg. Co., Troy, O.

C. WOVEN WIRE DYNAMO BRUSHES.
Kester Electric Mfg. Co., Buffalo, N. Y.
Ohio Electric Specialty Mfg. Co., Troy, O.

488. ELECTRICAL REPAIRS.
Chicago Armature Co., 14 N. Canal St., Chicago, Ill.

489. ELECTRICAL SCREW PARTS.
Acme Machine Screw Co., Hartford, Conn.

490. ELECTRICAL SPECIALTIES.
Peru Electric Mfg. Co., Peru, Ind.
Storey Motor & Tool Co., 464 S. Broad St., Trenton, N. J.

491. ELECTRIC ENGINES, STEAM.
Chandler & Taylor Co., Indianapolis, Ind.

492. ELECTRIC LOCKS.
Chicago Armature Co., 14 N. Canal St., Chicago, Ill.
Edwards & Co., 144th St. & 4th Av., New York.

493. ELECTRIC MARINE APPARATUS.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

494. ELECTRIC PARTS, HARD RUBBER.
Goodyear Vulcanite Co., 568 Broadway, New York.

495. ELECTRIC PLATES.
Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.

496. ELECTRIC RAILWAY APPARATUS.
Westinghouse Elect. & Mfg. Co., Pittsburg, Pa.

497. ELECTRICAL TESTING SETS.
Chloride & Silver Dry-Cell Battery Co., Baltimore, Md.

498. ELECTRIC WELDING APPARATUS.
Thomson Electric Welding Co., Lynn, Mass.

499. ELECTRIC WIRING CALCULATORS.
L. P. & D. Transmitter Co., Montpelier, Vt.

500. ELECTRODES, SMELTING.
National Carbon Co., Cleveland, O.

501. ELECTRO-MAGNETIC MACHINES POCKET.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
General Electric Co., Schenectady, N. Y.

502. ELECTROMETERS.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
General Electric Co., Schenectady, N. Y.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

503. EXCITERS.
Fort Wayne Electric Corporation, Fort Wayne, Ind.

504. FIRE ALARM BOXES.
Gaynor Electric Co., Louisville, Ky.
J. Jones & Son, 64 Cortlandt St., New York.
Frederick Pearce, 79 John St., New York.

505. FIRE ALARMS, ELECTRIC.
Autom. Fire Alarm & Extinguisher Co., 413 Broadway, N. Y.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Edwards & Co., 144th St. & 4th Av., New York.
Gamewell Fire Alarm Telegraph Co., 19 Barclay St., N. Y.
Gaynor Electric Co., Louisville, Ky.
General Electric Co., Schenectady, N. Y.
Holmes Burglar Alarm Tel. Co., 26 Cortlandt St., New York.
National Automatic Fire Alarm Co., New York.
W. R. Ostrander & Co., 22 Dey St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
Western Electrical Co., Omaha, Neb.
Ziegler Electric Co., Boston, Mass.

506. FLEXIBLE ELECTRIC CORDS.
American Electrical Works, Providence, R. I.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
General Electric Co., Schenectady, N. Y.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.

Alfred F. Moore, 200 N. 32d St., Philadelphia, Pa.
Ossawan Mills Co., Norwich, Conn.

507. FUSE BOXES.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
"Vindex" Electric Co., Aurora, Ill.

508. FUSE CLIPS, TELEPHONE & ELECTRIC LIGHT.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.

509. GALVANOMETERS.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Electro-Dynamic Co. of Phila., 224 Ionic St., Philadelphia, Pa.
General Electric Co., Schenectady, N. Y.
Keystone Electrical Instrument Co., 9th St., Philadelphia, Pa.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

510. GENERATORS, ELECTRIC.
American Engine Co., Round Bend, N. J.
Armitage & Herschell Co., North Tonawanda, N. Y.
Card Electric Co., Mansfield, O.
Elwell-Parker Electric Co., Hamilton St., Cleveland, O.
Keystone Electric Co., Erie, Pa.
Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
Sprague Electric Co., 20 Broad St., New York.
Triumpn Electric & Ice Machine Co., Cincinnati, O.
Webster Camp & Lane Machine Co., Akron, O.
Westinghouse Elect. & Mfg. Co., Pittsburg, Pa.

A. BELTED GENERATORS.
Thresher Electric Co., Dayton, O.

B. DIRECT CONNECTED GENERATORS.
Akron Electrical Mfg. Co., Akron, O.
Thresher Electric Co., Dayton, O.

C. ELECTROLYTIC GENERATORS.
General Electric Co., Schenectady, N. Y.

D. MOTOR GENERATORS.
Roth Bros. & Co., 28 Market St., Chicago, Ill.
W. F. Warner Co., Munice, Ind.

E. MULTI-POLAR GENERATORS.
Jenney Electric Mfg. Co., Indianapolis, Ind.

F. POWER GENERATORS.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Triumph Electric & Ice Machine Co., Cincinnati, O.
W. F. Warner Co., Munice, Ind.

G. RINGING GENERATORS.
Roth Bros. & Co., 28 Market St., Chicago, Ill.

H. STREET RAILWAY GENERATORS.
Jenney Electric Mfg. Co., Indianapolis, Ind.
Triumph Electric & Ice Machine Co., Cincinnati, O.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

I. TELEPHONE GENERATORS.
Western Tel. Construction Co., 250 S. Clinton St., Chic., Ill.
Williams Electric Co., 80 Seneca St., Cleveland, O.

511. GONGS, ELECTRIC.
Anchor Electric Co., 71 Federal St., Boston, Mass.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Edwards & Co., 144th St. & 4th Av., New York.
Gaynor Electric Co., Louisville, Ky.
J. Jones & Son, 64 Cortlandt St., New York.
W. R. Ostrander & Co., 22 Dey St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

512. GRAPHITE APPLIANCES ELECTRIC.
Jos. Dixon Crucible Co., Jersey City, N. J.

513. GRAPHOPHONES.
American Graphophone Co., 11 Broadway, New York.
Columbia Phonograph Co., 143 Broadway, New York.
Edison Phonograph Agency, 44 Broad St., New York.

514. INDICATORS, POLARITY.
Keystone Electrical Ins. Co., 9th St., Philadelphia, Pa.

515. INDICATORS, STATION.
National Electric Co., Eau Claire, Wis.

516. INSTRUMENTS, ELECTRICAL.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Thomas W. Gleeson, 106 Sudbury St., Boston, Mass.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.
Keystone Electrical Instrument Co., 9th St., Philadelphia, Pa.
Norton Electrical Instrument Co., Manchester, Conn.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Utica Electrical Mfg. & Supply Co., Utica, N. Y.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

517. INSULATING MATERIALS.
Armitage Mfg. Co., 3200 Williamsburg Av., Richmond, Va.
Fay Manilla Roofing Co., Camden, N. J.
Laminar Fibre Co., N. Cambridge, Mass.

	John A. Manning, Troy, N. Y.
A. INSULATING COMPOUND.	Bishop Gutta Percha Co., 422 E. 25th St., New York.
	W. H. Bondlear & Co., 149 Pearl St., Boston. Mass.
	H. W. Johns Mfg. Co., 100 Williams St., New York.
	Massachusetts Chemical Co., Boston, Mass.
	Standard Paint Co., 81 John St., New York.
	Vulcanized Fibre Co., Wilmington, Del.
B. INSULATING FITTINGS.	Scranton Button Co., Ltd., Scranton, Pa.
C. INSULATING VARNISH.	Massachusetts Chemical Co., Boston, Mass.
518. INSULATORS.	Goodrich Hard Rubber Co., Akron, O.
A. GLASS INSULATORS.	Brookfield Glass Co., 218 Broadway, New York.
	Hemingray Glass Co., Covington, Ky.
	Wormser Glass Co., Pittsburg, Pa.
B. HIGH VOLTAGE INSULATORS.	Fred. M. Locke, Victor, N. Y.
C. LAVA INSULATORS.	D. M. Steward Mfg. Co., Chattanooga, Tenn.
D. PORCELAIN INSULATORS.	G. F. Brunt Porcelain Works, E. Liverpool, O.
	Greenwood Pottery Co., Trenton, N. J.
	Imperial Porcelain Works, Trenton, N. J.
	Peru Electric Mfg. Co., Peru, Ind.
	R. Thomas & Sons Co., E. Liverpool, O.
	Union Porcelain Works, Brooklyn, N. Y.
519. LEYDEN JARS.	Swett & Lewis Co., 11 Bromfield St., Boston, Mass.
520. MAGNETO MACHINES.	Viaduct Mfg. Co., Baltimore, Md.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
521. MAGNETS.	
A. ELECTRIC SIFTING MAGNETS.	Electric Controller & Supply Co., Cleveland, O.
B. ELECTRO-MAGNETS.	Thos. Hall & Son, 79 Franklin St., Boston, Mass.
C. HORSE SHOE MAGNETS.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	General Electric Co., Schenectady, N. Y.
	Norton Electrical Instrument Co., Manchester, Conn.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
D. PERMANENT MAGNETS.	Thos. Hall & Son, 79 Franklin St., Boston, Mass.
522. MARINE ELECTRIC PLANTS.	General Electric Co., Schenectady, N. Y.
523. METERS, ELECTRIC.	American Electric Meter Co., 9th St., Philadelphia, Pa.
	General Electric Co., Schenectady, N. Y.
	Westinghouse Electric & Mfg. Co., Pittsburg, Pa.
	Weston Electrical Instrument Co., Newark, N. J.
A. ALTERNATING CURRENT METERS.	W. & L. E. Gurley, Troy, N. Y.
	Westinghouse Electric & Mfg. Co., Pittsburg, Pa.
B. AMPERE-HOUR METERS.	Fort Wayne Electric Corporation, Fort Wayne, Ind.
C. AMPERE METERS.	J H. Bunnell & Co., 76 Cortlandt St., New York.
	Cherry Electric Works, 25 Third Av., New York.
	Fort Wayne Electric Corp., Fort Wayne, Ind.
	General Electric Co., Schenectady, N. Y.
	Norton Electrical Instrument Co., Manchester, Conn.
	Queen & Co., Inc., 1010 Chestnut St., Phila., Pa.
	Weston Electrical Instrument Co., Newark, N. J.
D. AMPERE METERS, RECORDING.	Bristol Co., Waterbury, Conn.
E. LAMP-HOUR METERS.	Fort Wayne Electric Corporation, Fort Wayne, Ind.
F. OMMETERS.	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	Keystone Electrical Instrument Co., 9th St., Philadelphia, Pa.
	Reading Electric Mfg. Co., 739 Penn St., Reading, Pa.
	Chas. Wirt, 1028 Filbert St., Philadelphia, Pa.
G. RECORDING WATT METERS.	Bristol Co., Waterbury, Conn.
H. VOLT METERS.	Cherry Electric Works, 25 Third Av., New York.
	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	Keystone Electrial Instrument Co., 9th St., Philadelphia, Pa.
	Queen & Co., Inc., 1010 Chestnut St., Philadelphia, Pa.
	Reading Electric Mfg. Co., 739 Penn St., Reading, Pa.
	Weston Electrical Instrument Co., Newark, N. J.
	Chas. Wirt, 1028 Filbert St., Philadelphia, Pa.
I. VOLT METERS, RECORDING.	Bristol Co., Waterbury, Conn.
524. PENS, ELECTRIC.	Western Electrical Co., Omaha, Neb.
525. PHONOGRAPH HORNS.	Crane Bros., Westfield, Mass.
	Hawthorne & Sheble, 604 Chestnut St., Philadelphia, Pa.
A. PHONOGRAPH HORN STANDS.	Hawthorne & Sheble, 604 Chestnut St., Philadelphia, Pa.
526. PHONOGRAPH RECORDS.	Edison Phonograph Agency, 44 Broad St., New York.

Hawthorne & Sheble, 604 Chestnut St., Philadelphia, Pa.

527. PHONOGRAPHS.
American Graphophone Co., 11 Broadway, New York.
Columbia Phonograph Co., 143 Broadway, New York.
Edison Phonograph Agency, 44 Broad St., New York.

528. POLICE ALARM APPARATUS.
Gamewell Fire Alarm Telegraph Co., 19 Barclay, New York.
Gaynor Electric Co., Louisville, Ky.
Novelty Electric Co., 50 N. 4th St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

529. PORCELAIN CLEATS.
Imperial Porcelain Works, Trenton, N. J.
R. Thomas & Sons Co., East Liverpool, O.

A. PORCELAIN TUBES.
R. Thomas & Sons Co., East Liverpool, O.

530. PORCELAIN WARE, ELECTRIC.
G. F. Brunt Porcelain Works, E. Liverpool, O.
R. Thomas & Sons Co., East Liverpool, O.
Union Porcelain Electric Works, Brooklyn, N. Y.
Willets Mfg. Co., Trenton, N. J.

531. PROTECTED RAIL BONDS.
Protected Rail Bond Co., 10 S. 10th St., Philadelphia, Pa.

532. PUSH BUTTONS.
Ansonia Electric Co., Ansonia, Conn.
E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.
P. & F. Corbin, New Britain, Conn.
Edwards & Co., 144th St. & 4th Av., New York.
Electric Protection Co., 1026 Filbert St., Philadelphia, Pa.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
Low Art Tile Co., Chelsea, Mass.
Mallory, Wheeler Co., New Haven, Conn.
Novelty Electric Co., 54 N. 4th St., Philadelphia, Pa.
W. R. Ostrander & Co., 22 Dey St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Piqua Handle & Mfg. Co., Piqua, O.
Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.
Sargent & Co., New Haven, Conn.
Scranton Button Co., Ltd., Scranton, Pa.
J. S. Spencer's Sons, Guilford, Conn.
Union Hardware Co., Torrington, Conn.
Western Electrical Co., Omaha, Neb.
Yale & Towne Mfg. Co., 84 Chambers St., New York.

533. PUSH PLATES, WOODEN.
Piqua Handle & Mfg. Co., Piqua, O.

534. RECEPTACLES, ELECTRIC.
Anchor Electric Co., 71 Federal St., Boston, Mass.
William T. Pringle, 1026 Filbert St., Philadelphia, Pa.

535. REGISTERS, ELECTRIC.
Amer. Watchman's Time Detector Co., 234 B'way, New York.
Anchor Electric Co., 71 Federal St., Boston, Mass.
Bristol Co., Waterbury, Conn.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
W. & L. E. Gurley, Troy, N. Y.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

536. REGULATORS, ELECTRIC.
Belknap Motor Co., Portland, Me.
Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

537. REPEATING SETS.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
General Electric Co., Schenectady, N. Y.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

538. RESISTANCE BOXES.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Fort Wayne Electric Co., Fort Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Keystone Electrical Instrument Co., Philadelphia, Pa.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

539. RESISTANCE COILS.
American Motor Co., 32 Broadway, New York.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Edwards & Co., 5 Dey St., New York.
General Electric Co., Schenectady, N. Y.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
C. F. Splitdorf, 23 Vandewater St., New York.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

540. RESISTANCE INSERTERS.
Gordon-Burnham Battery Co., 594 Broadway, New York.

541. RESISTANCE PLATES.
Chas. Wirt, 1028 Filbert St., Philadelphia, Pa.

542. RHEOSTAT REGULATORS.
Mason Regulator Co., Boston, Mass.

543. RHEOSTATS.
J. H. Bunnell & Co., 76 Cortlandt St., New York.

C. & C. Electric Co., 143 Liberty St., New York.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
Jenney Electric Mfg. Co., Indianapolis, Ind.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
Chas. Wirt, 1028 Filbert St., Philadelphia, Pa.

A. AUTOMATIC RHEOSTATS. Ward Leonard Electric Co., Bronxville, N. Y.

B. CONTROLLING RHEOSTATS. Storey Motor & Tool Co., 464 S. Broad St., Trenton, N. J.

C. DYNAMO FIELD RHEOSTATS. E. G. Bernard Co., Troy, N. Y.
Iron Clad Resistance Co., Westfield, N. J.
Ohio Electric Specialty Mfg. Co., Troy, O.
Roth Bros. & Co., 28-30 Market St., Chicago, Ill.
Ward Leonard Electric Co., Bronxville, N. Y.

D. MOTOR SPEED REGULATING RHEOSTATS. Iron Clad Resistance Co., Westfield, N. J.
Ohio Electric Specialty Mfg. Co., Troy, O.
Ward Leonard Electric Co., Bronxville, N. Y.

E. MOTOR STARTING RHEOSTATS. Cutler, Hammer Mfg. Co., 76 W. Jackson Blvd., Chicago, Ill.
Iron Clad Resistance Co., Westfield, N. J.
Jenney Electric Mfg. Co., Indianapolis, Ind.
Ohio Electric Specialty Mfg. Co., Troy, O.
Storey Motor & Tool Co., 464 S. Broad St., Trenton, N. J.
Ward Leonard Electric Co., Bronxville, N. Y.

F. SPECIAL RHEOSTATS. Iron Clad Resistance Co., Westfield, N. J.

G. STORAGE BATTERY RHEOSTATS. Iron Clad Resistance Co., Westfield, N. J.

H. WATER RHEOSTATS. Gordon-Burnham Battery Co., 594 Broadway, New York.

544. ROSETTES, ELECTRIC.
Anchor Electric Co., 71 Federal St., Boston, Mass.
Peru Electric Mfg. Co., Peru, Ind.

545. SCENIC THEATRE APPARATUS, ELECTRIC.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

546. SCHOOL EXPERIMENTAL ELECTRICAL APPARATUS.
Elbridge Electrical Mfg. Co., Elbridge, N. Y.

547. SERIES GOVERNING BOARDS.
Sheehan & Hewitt, Newburg, N. Y.

548. SOCKETS, ELECTRIC. Anchor Electric Co., 71 Federal St., Boston, Mass.

549. STANDARD UNITS, ELECTRICAL.
General Electric Co., Schenectady, N. Y.
Johns Hopkins University, Baltimore, Md.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

550. STATIC ELECTRICAL MACHINES.
White Mfg. Co., 158 Indiana St., Chicago, Ill.

551. SUPPLIES, ELECTRICAL.
J. Elliott Shaw & Co., 632 Arch St., Philadelphia, Pa.
Eureka Tempered Copper Co., North East, Pa.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
Hemacite Mfg. Co., Trenton, N. J.
Laclede Carbon & Electric Co., Kokomo, Ind.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

A. ARMATURE COLLARS. U. S. Projectile Co., First Av. & 53d St., Brooklyn, N. Y.

B. SPLICING COMPOUNDS. N. Y. Insulated Wire Co., 15 Cortlandt St., New York.

C. TROLLEY BASES. F. E. Homer & Co., Cleveland, O.

D. WOODEN REELS FOR INSULATED WIRE. E. J. Vance Box Co., Ltd., Bay City, Mich.

552. SWITCH BOARDS.
Amer. Electric Telephone Co., 171 S. Canal St., Chicago, Ill.
E. G. Bernard Co., Troy, N. Y.
Bullock Electric Mfg. Co., Cincinnati, O.
C. & C. Electric Co., 143 Liberty St., New York.
Emerson Electric Mfg. Co., 714 St. Charles St., St. Louis, Mo.
Fort Wayne Electric Corporation, Fort Wayne, Ind.
Jenney Electric Mfg. Co., Indianapolis, Ind.
Keystone Electrical Instrument Co., 9th St., Philadelphia, Pa.
Kokomo Telephone & Electric Mfg. Co., Kokomo, Ind.
Mansfield Tempered Copper Co., Mansfield, O.
Maryland Telephone Mfg. Co., Baltimore, Md.
Monson-Burmah Slate Co., Portland, Me.
National Electric Co., Eau Claire, Wis.
National Telephone Mfg. Co., Boston, Mass.
William T. Pringle, 1026 Filbert St., Philadelphia, Pa.
Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
Richmond Electric Works, 704 E. Main St., Richmond, Va.
Sheehan & Hewitt, Newburg, N. Y.

H. C. Underwood Mfg. Co., Wabash, Ind.
United Elec. Imp. Co., Allegheny Av. & 19th St., Phila., Pa.
Utica Electrical Mfg. & Supply Co., Utica, N. Y.
Victor Telephone Mfg. Co., 166 S. Clinton St., Chicago, Ill.
Westinghouse Elect. & Mfg. Co., Pittsburg, Pa.

A. ELECTRIC LIGHT SWITCHBOARDS. J. Jones & Son, 64 Cortlandt St., New York.

B. POWER SWITCHBOARDS. Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.

C. TELEGRAPH SWITCHBOARDS. J. H. Bunnell & Co., 76 Cortlandt St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

D. TELEPHONE SWITCHBOARDS. Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
Sterling Electric Co., 73 W. Adams St., Chicago, Ill.
Viaduct Electric Co., 10 S. Howard St., Baltimore, Md.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
Western Teleph. Cons. Co., 250 S. Clinton St., Chicago, Ill.

553. SWITCHES, ELECTRIC. Anchor Electric Co., 71 Federal St., Boston, Mass.
E. G. Bernard Co., Troy, N. Y.
Bryant Electric Co., Bridgeport, Conn.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Cutter Electrical & Mfg. Co., 1112 Sansom St., Phila., Pa.
Edwards & Co., 14th St. & 4th Av., New York.
Electric Protection Co., 1026 Filbert St., Philadelphia, Pa.
Eureka Tempered Copper Works, North East, Pa.
Hart & Gibbs Mfg. Co., Hartford, Conn.
J. Jones & Son, 64 Cortlandt St., New York.
Keystone Electric Co., Erie, Pa.
P. & F. Mfg. Co., Reading, Pa.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
William T. Pringle, 1026 Filbert St., Philadelphia, Pa.
Richmond Electrical Works, 704 E. Main St., Richmond, Va.
Utica Electrical Mfg. & Supply Co., Utica, N. Y.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

A. SWITCH HANDLES. B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
India Rubber & Gutta Percha Insulating Co., Yonkers, N. Y.

B. TELEPHONE SWITCHES. E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.

554. TABLE AND SHELF OUTFITS.
Gordon-Burnham Battery Co., 594 Broadway, New York.

555. TAPES, ELECTRIC. Boston Woven Hose & Rubber Co., Cambridgeport, Mass.

A. FRICTION TAPES, ELECTRIC. Home Rubber Co., Trenton, N. J.
N. Y. Insluated Wire Co., 15 Cortlandt St., New York.

B. INSULATING TAPES. Boston Rubber Shoe Co., 245 Causeway St., Boston, Mass.
Boston Wov. H. & R. Co., 226 Devonshire St., Boston, Mass.
N. Y. Insulated Wire Co., 15 Cortlandt St., New York.
Simplex Electrical Co., 75 Cornhill St., Boston, Mass.

556. TELEGRAPH APPARATUS.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Fort Wayne Electric Corp., Fort Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.
Norton Electrical Instrument Co., Manchester, Conn.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Frederick Pearce, 77 John St., New York.
Viaduct Mfg. Co., Baltimore, Md.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
Western Electrical Co., Omaha, Neb.

557. TELEGRAPH SUPPLIES.

A. CROSS ARM BRACES. Wheeling Hinge Co., Wheeling, W. Va.
Brownlee & Co., Detroit, Mich.

B. INSULATOR BRACKETS. Geo. R. Butler & Co., Sandusky, O.
John Sommer's Son, Newark, N. J.

C. INSULATOR PINS. James Baldwin Co., Manchester, N. H.
Brownlee & Co., Detroit, Mich.
Geo. R. Butler & Co., Sandusky, O.
Gillaland Electric Co., Adrian, Mich.
Fred. M. Locke, Victor, N. Y.
John Sommer's Son, Newark, N. J.

D. KEY KNOBS. B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 15 Warren St., New York.
India Rubber & Gutta Percha Insulating Co., Yonkers, N. Y.

E. POLE STEP IRONS. Michigan Bolt & Nut Works, Detroit, Mich.

F. RIDGE IRONS & BLOCKS. Fred. M. Locke, Victor, N. Y.

G. SIDE BRACKETS, GALVANIZED, FOR INSULATING. Fred. M. Locke, Victor, N. Y.

H. TELEGRAPH COCKS.	P. J. Conroy, Island Rd. & S. 75th, Philadelphia, Pa.
I. TELEGRAPH SPOONS.	Terre Haute Shovel & Tool Co. Terre Haute, Ind.
558. TELEPHONES.	Allen-Hussey Co., 211 Randolph St., Chicago, Ill.
	American Electric Telephone Co., 171 S. Canal St., Chic., Ill.
	American Watchman's Time Det. Co., 234 Broadway, N. Y.
	E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.
	Kokomo Telephone & Electric Mfg. Co., Kokomo, Ind.
	Maryland Telephone Mfg. Co., Baltimore, Md.
	National Telephone Mfg. Co., Boston, Mass.
	Reading Elec. Mfg. Co., 739 Penn St., Reading, Pa.
	Reliable Electric Mfg. Co., 86 Foster St., Worcester, Mass.
	Viaduct Electric Co., 10 S. Howard St., Baltimore, Md.
	Victor Telephone Mfg. Co., 166 S. Clinton St., Chicago, Ill.
	Western Teleph. Const. Co., 250 S. Clinton St., Chicago, Ill.
	Williams Electric Co., 80 Seneca St., Cleveland, O.
A. ACOUSTIC TELEPHONES.	Wm. Hubbard, Elgin, Ill.
	National Telephone Mfg. Co., Atlantic Av., Boston, Mass.
B. ELECTRIC TELEPHONES.	American Bell Telephone Co., 125 Milk St., Boston, Mass.
	American Electric Teleph. Co., 171 S. Canal St., Chicago, Ill.
C. LONG DISTANCE TELEPHONES.	Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
D. PORTABLE DESK TELEPHONES.	Allen-Hussey Co., 211 Randolph St., Chicago, Ill.
E. RAILWAY TELEPHONES.	National Telephone Mfg. Co., Boston, Mass.
F. TELEPHONE SYSTEMS.	Allen-Hussey Co., 211 Randolph St., Chicago, Ill.
559. TELEPHONE SUPPLIES.	
A. CARBON TELEPHONE PARTS.	NationalCarbon Co., Cleveland, O.
B. INDUCTION COILS.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Fort Wayne Elec. Corp., Fort Wayne, Ind.
	Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
	Frederick Pearce, 77 John St., New York.
	Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.
	Edward S. Ritchie & Sons, Brookline, Mass.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
C. LIGHTNING ARRESTERS.	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	Garton-Daniels Electric Co., Keokuk, Iowa.
	Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
	Kokomo Telephone & Elec. Mfg. Co., Kokomo, Ind.
	Chas. McIntir: Co., Newark, N. J.
	Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
	William T. Pringle, 1026 Filbert St., Philadelphia, Pa.
	Sterling Electric Co., 73 W. Adams St., Chicago, Ill.
	Utica Electrical Mfg. & Supply Co., Utica, N. Y.
	Victor Telephone Mfg. Co., 166 S. Clinton St., Chicago, Ill.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
D. MAGNETO CALL BELLS.	American Electric Telephone Co., 171 S. Canal St., Chic., Ill.
	E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.
	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	National Telephone Mfg. Co., Boston, Mass.
	Viaduct Electric Co., 10 S. Howard St., Baltimore, Md.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
	Williams Electric Co., 80 Seneca St., Cleveland, O.
E. TELEPHONE BELLS.	Bridgeport Brass Co., Bridgeport, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	E. A. Williams & Son, 105-111 Plymouth St., Jersey City, N. J.
	Williams Electric Co., 80 Seneca St., Cleveland, O.
F. TELEPHONE DIAPHRAGMS.	National Carbon Co., Cleveland, O.
G. TELEPHONE MAGNETORS.	Western Telephone Cons. Co., 250 S. Clinton St., Chicago, Ill.
H. TELEPHONE RECEIVER CASES.	B. F. Goodrich Co., Akron, O.
	Gutta Percha & Rubber Mfg. Co., 15 Warren St., New York.
	India Rubber & Gutta Percha Insulating Co., Yonkers, N. Y.
560 TESTING INSTRUMENTS, ELECTRIC.	
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
561. THEATRE DIMMERS.	Ward Leonard Electric Co., Bronxville, N. Y.
562. TRANSFORMERS.	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	Kuhlman Electric Co., Elkhart, Ind.
	National Electric Co., Eau Claire, Wis.
	"Vindex" Electric Co., Aurora, Ill.
563. TRANSMITTERS & RECEIVERS.	
	American Electric Telephone Co., 171 S. Canal St., Chic., Ill.
	E. C. Bradley & Co., 15 Stone St., Rochester, N. Y.
	Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
	Maryland Telephone Mfg. Co., Baltimore, Md.

Reading Elec. Mfg. Co., 739 Penn St., Reading, Pa.
Reliable Elec. Mfg. Co., 86 Fulton St., Worcester, Mass.
Western Telephone Cons. Co., 250 S. Clinton St., Chicago, Ill.
Williams Electric Co., 80 Seneca St., Cleveland, O.

A. BIPOLAR RECEIVERS. Victor Telephone Mfg. Co., 166 S. Clinton St., Chicago, Ill.

B. LONG DISTANCE TRANSMITTERS. Victor Telephone Mfg. Co., 166 S. Clinton St., Chicago, Ill.

C. RECEIVER HOOKS & BOBBINS. American Electric Telephone Co., 171 S. Canal St., Chic., Ill.

564. WATCHMEN'S STATION BOXES.

E. Howard Watch & Clock Co., Boston, Mass.
New Haven Clock Co., New Haven, Conn.

565. WIRE, ELECTRICAL.

A. ANNUNCIATOR WIRE. Amer. Electrical Works, Providence, R. I.
Ansonia Electric Co., Ansonia, Conn.

B. COTTON-COVERED MAGNET WIRE. Ansonia Electric Co.. Ansonia, Conn.

C. ELECTRIC COPPER WIRE. Wright & Colton Wire Cloth Co., Worcester, Mass. *29

D. ELECTRIC HOUSE WIRE. Amer. Electrical Works, Providence, R. I.
Ansonia Brass & Copper Co., Ansonia, Conn.
Ansonia Electrical Co., Ansonia, Conn.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
A. F. Moore, 200 N. 3d St., Philadelphia, Pa.
Phillips Insulated Wire Co., Pawtucket, R. I.
Pittsburg Electrical & Machine Works, Pittsburg, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Safety Insulated Wire & Cable Co., 229 W. 28th St., N. Y.
Standard Underground Cable Co., Pittsburg, Pa.

E. ELECTRIC LIGHT WIRE. Amer. Electrical Works, Providence, R. I.
Ansonia Brass & Copper Co., Ansonia, Conn.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Fort Wayne Electrical Corporation, Fort Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Alfred F. Moore, 200 N. 3d St., Philadelphia, Pa.
New Haven Wire Mfg. Co., New Haven, Conn.
Phillips' Insulated Wire Co., Pawtucket, R. I.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

F. FUSE WIRE, ELECTRICAL. Kester Electrical Mfg. Co., Buffalo, N. Y.

G. INSULATED TAPES. New York Insulated Wire Co., 15 Cortlandt St., New York.

H. INSULATED WIRE. Amer. Electrical Works, Providence, R. I.
Ansonia Brass & Copper Co., Ansonia, Conn.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Crescent Belting & Packing Co., Trenton, N. J.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Alfred F. Moore, 200 N. 3d St., Philadelphia, Pa.
New York Insulated Wire Co., 15 Cortlandt St., New York.
Phillips' Insulated Wire Co., Pawtucket, R. I.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Simplex Electrical Co., 75 Cornhill St., Boston, Mass.
Standard Underground Cable Co., Pittsburg, Pa.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

I. KERITE WIRE. W. R. Brixey, Seymour, Conn.

J. LEAD ENCASED WIRE. American Electrical Works, Providence, R. I.
Tatham & Bros., 226 S. 5th St., Philadelphia, Pa.
E. A. Williams & Son, 105-111 Plymouth St., Jersey City, N. J.

K. LEADING & CONNECTING WIRE. American Electrical Works, Providence, R. I.
Ansonia Brass & Copper Co., Ansonia, Conn.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
General Electric Co., Schenectady, N. Y.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Alfred F. Moore, 200 N. 3d St., Philadelphia, Pa.
Simplex Electrical Co., Boston, Mass.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

L. MAGNET WIRE. American Electrical Works, Providence, R. I.
Ansonia Brass & Copper Co., Ansonia, Conn.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Bridgeport Brass Co., Bridgeport, Conn.

	Fort Wayne Electrical Corp., Fort Wayne, Ind.
	General Electric Co., Schenectady, N. Y.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Alfred F. Moore, 200 N. 3d St., Philadelphia, Pa.
	New Haven Wire Mfg. Co., New Haven, Conn.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
M. RESISTANCE WIRE.	Geo. W. Prentiss & Co., Holyoke, Mass.
	Riverside Metal Co., Riverside, N. J.
N. RESISTANCE WIRE, GERMAN SILVER.	Amer. Electrical Works, Providence, R. I.
O. TELEGRAPH WIRE.	Ansonia Brass & Copper Co., Ansonia, Conn.
	Bishop Gutta Percha Co., 422 E. 25th St., New York.
	Bridgeport Brass Co., Bridgeport, Conn.
	General Electric Co., Schenectady, N. Y.
	Hazard Mfg. Co., Wilkesbarre, Pa.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Alfred F. Moore, 200 N. 3d St., Philadelphia, Pa.
	New Haven Wire Mfg. Co., New Haven, Conn.
	Phosphor Bronze Smel. Co., Ltd., Wash. Av., Phila., Pa.
	John A. Roebling's Sons Co., 117 Liberty St., New York.
	Trenton Iron Co., Trenton, N. J.
	Washburn & Moen Mfg. Co., Worcester, Mass.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
P. UNDERGROUND & AERIAL WIRE.	American Electrical Works, Providence, R. I.
566. WIRING TABLES.	L. P. & D. Transmitter Co., Montpelier, Vt.

XIV. FIREARMS, AMMUNITION AND EXPLOSIVES.

567. CANNON.	Bethlehem Iron Co., Bethlehem, Pa.
	L. T. Snow, New Haven, Conn.
A. AUTOMATIC GUNS.	Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
B. DRIGGS-SCHROEDER GUNS.	Wm. Cramp & Sons, Beach & Ball Sts., Philadelphia, Pa.
C. GATLING GUNS.	Gatling Gun Co., Hartford, Conn.
D. GUN CARRIAGES.	Morgan Engineering Co., Alliance, O.
E. MACHINE GUNS.	Driggs-Seabury Gun & Am. Co., 120 Liberty St., New York.
F. PNEUMATIC DYNAMITE GUNS.	Dynamite Gun Co., 40 Wall St., New York.
G. REVOLVING GUNS.	Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
H. WHALING GUNS.	Eben Pierce Co., New Bedford, Mass.
I. YACHT CANNON.	R. H. Brown & Co., New Haven, Conn.
	G. M. Gregory, 214 Front St., New York.
	L. T. Snow, New Haven, Conn.
568. CAPS.	
A. BLASTING CAPS.	American Flask & Cap Co., Waterbury, Conn.
	California Cap Co., San Francisco, Cal.
	Metallic Cap Mfg. Co., 271 Broadway, New York.
	Rendrock Powder Co., 100 Broadway, New York.
B. PERCUSSION CAPS.	Detwiller & Street F. W. Mfg. Co., 172 Fulton St., New York.
	Remington Arms Co., 313 Broadway, New York.
	Union Metallic Cartridge Co., Bridgeport, Conn.
	Wallace & Sons, 121 Worth St., New York.
	Waterbury Brass Co., Waterbury, Conn.
569. CARBINES.	Remington Arms Co., Ilion, N. Y.
	Winchester Repeating Arms Co., New Haven, Conn.
A. REPEATING CARBINES.	Marlin Fire Arms Co., New Haven, Conn.
570. CARTRIDGES.	Savage Arms Co., Utica, N. Y.
A. METALLIC CARTRIDGE PRIMERS.	Peters Cartridge Co., 150 E. 3d St., Cincinnati, O.
B. METALLIC CARTRIDGES.	American Metallic Cartridge Co., Coventry, Conn.
	Driggs-Seaburg Gun & Am. Co., 120 Liberty St., New York.
	Peters Cartridge Co., 150 E. 3d St., Cincinnati, O.
	U. S. Cartridge Co., Lowell, Mass.
	Union Metallic Cartridge Co., Bridgeport, Conn.
	Winchester Repeating Arms Co., New Haven, Conn.
C. MILITARY CARTRIDGES.	Peters Cartridge Co., 150 E. 3d St., Cincinnati, O.

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D. PISTOL CARTRIDGES.	Peters Cartridge Co., 150 E. 3d St., Cincinnati, O.
E. SHOT-GUN CARTRIDGES.	American Metallic Cartridge Co., Coventry, Conn.
	Chamberlain Cartridge & Target Co., Cleveland, O.
	Peters Cartridge Co., 150 E. 3d St., Cincinnati, O.
	Selby Smelt. & Lead Co., Montgomery St., S. Francisco, Cal.
	Union Metallic Cartridge Co., Bridgeport, Conn.
	Von Lengerke & Detmold, 318 Broadway, New York.
	Winchester Repeating Arms Co., New Haven, Conn.
571. DYNAMITE.	Aetna Powder Co., 1410 Security Bldg., Chicago, Ill.
	California Powder Works, San Francisco, Cal.
	Climax Powder Mfg. Co., Emporium, Pa.
	Fairfield Chemical Works, Inc., 71 Wall St., New York.
	Great Western Powder Co., Toledo, O.
	Hecla Powder Co., 96 Liberty St., New York.
	Arthur Kirk & Son, Pittsburg, Pa.
	Laflin & Rand Powder Co., 20 Murray St., New York.
	Repauno Chemical Co., Wilmington, Del.
	U. S. Dynamite & Chemical Co., 38 Platt St., New York.
A. GELATINE DYNAMITE.	Arthur Kirk & Son, Pittsburg, Pa.
B. NITRO-GLYCERINE DYNAMITE.	Enterprise High Explosive Co., Tamaqua, Pa.
572. FUSE.	
A. BLASTING FUSE.	California Fuse Works, San Francisco, Cal.
	Climax Fuse Co., 271 Broadway, New York.
	Ensign, Bickford & Co., Simsbury, Conn.
	Hecla Powder Co., 96 Liberty St., New York.
	Rendrock Powder Co., 100 Broadway, New York.
	Western Fuse & Explosive Co., San Francisco, Cal.
B. ELECTRIC PLATINUM FUSE.	James Macbeth & Co., 128 Maiden Lane, New York.
C. SAFETY FUSE	Climax Fuse Co., 271 Broadway, New York.
	Ensign, Bickford & Co., Simsbury, Conn.
	Hecla Powder Co., 96 Liberty St., New York.
	Laflin & Rand Powder Co., 20 Murray St., New York.
D. WATERPROOF FUSE.	Climax Fuse Co., 271 Broadway, New York.
	Hecla Powder Co., 96 Liberty St., New York.
573. GUN IMPLEMENTS.	Union Hardware Co., Torrington, Conn.
A. BULLET MOULDS.	Ideal Mfg. Co., New Haven, Conn.
B. GUN CLEANING TOOLS.	Bridgeport Gun Implement Co., Bridgeport, Conn.
	Fairies Mfg. Co., Decatur, Ill.
	Parker Bros., Meriden, Conn.
	Union Hardware Co., Torrington, Conn.
C. RELOADING TOOLS.	Bridgeport Gun Implement Co., Bridgeport, Conn.
	Ideal Mfg. Co., New Haven, Conn.
	Marlin Fire Arms Co., New Haven, Conn.
	Parker Bros., Meriden, Conn.
	Remington Arms Co., Ilion, N. Y.
	Union Hardware Co., Torrington, Conn.
	Waterbury Brass Co., Waterbury, Conn.
	Winchester Repeating Arms Co., New Haven, Conn.
574. GUN PARTS.	
A. FIREARM SIGHTS.	Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
	Hulbert & Co., 26 W. 23d St., New York.
	William Lyman, Middlefield, Conn.
	Marlin Fire Arms Co., New Haven, Conn.
	Enoch Phelps, Westfield, Mass.
	Remington Arms Co., Ilion, N. Y.
	Savage Arms Co., Utica, N. Y.
	J. Stevens Arms & Tool Co., Chicopee Falls, Mass.
	Winchester Repeating Arms Co., New Haven, Conn.
B. GUN RODS.	Horatio Kelsey, Clinton, Conn.
	Remington Arms Co., 313 Broadway, New York.
C. GUN TUBES.	Remington Arms Co., 313 Broadway, New York.
575. GUNS.	
A. BREECH-LOADING SHOT GUNS.	Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
	Forehand Arms Co., Worcester, Mass.
	Ithaca Gun Co., Ithaca, N. Y.
	John P. Lovell Arms Co., 147 Washington St., Boston, Mass.
	Parker Bros., Meriden, Conn.
	Remington Arms Co., Ilion, N. Y.
	Winchester Repeating Arms Co., New Haven, Conn.
B. DRILL GUNS.	A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.
C. HAMMERLESS SHOT GUNS.	Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
	Forehand Arms Co., Worcester, Mass.
	Harrington & Richardson Arms Co., Worcester, Mass.
	John P. Lovell Arms Co., 147 Washington St., Boston, Mass.

Parker Bros., Meriden, Conn.
Syracuse Arms Co., Syracuse, N. Y.
Winchester Repeating Arms Co., New Haven, Conn.

D. REPEATING SHOT GUNS.
Marlin Fire Arms Co., New Haven, Conn.
Winchester Repeating Arms Co., New Haven, Conn.

E. SHOT GUNS.
Baker Gun & Forging Co., Batavia, N. Y.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Forehand Arms Co., Worcester, Mass.
Hopkins & Allen Mfg. Co., Norwich, Conn.
Hunter Arms Co., Fulton, N. Y.
Ithaca Gun Co., Ithaca, N. Y.
John P. Lovell Arms Co., 147 Washington St., Boston, Mass.
Marlin Fire Arms Co., New Haven, Conn.
Massachusetts Arms Co., Chicopee Falls, Mass.
Remington Arms Co., Ilion, N. Y.

F. SINGLE BARREL SHOT GUNS.
J. Stevens Arms & Tool Co., Chicopee Falls, Mass.

G. SPORTING GUNS.
N. R. Davis & Sons, Freetown, Mass.
Hunter Arms Co., Fulton, N. Y.

576. GUN WADS.
Peters Cartridge Co., 150 E. 3d St., Cincinnati, O.
Union Metallic Cartridge Co., Bridgeport, Conn.
Waterbury Brass Co., Waterbury, Conn.
Winchester Repeating Arms Co., New Haven, Conn.

577. MUSKETS, REPEATING.
Marlin Fire Arms Co., New Haven, Conn.

578. NAVAL TORPEDOES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Hercules Torpedo Co., Wilmington, Del.

579. NITRO-GLYCERINE.
Atlantic Dynamite Co., Wilmington, Del.
Dittmar Powder Works, 47 Liberty St., New York.
Hecla Powder Co., 96 Liberty St., New York.

580. OIL WELL TORPEDOES.
Hercules Torpedo Co., Wilmington, Del.

581. PISTOLS.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Harrington & Richardson Arms Co., Worcester, Mass.
Hopkins & Allen Mfg. Co., Norwich, Conn.
John P. Lovell Arms Co., 147 Washington St., Boston, Mass.
J. Stevens Arms & Tool Co., Chicopee Falls, Mass.

A. DERRINGERS.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Hulbert Bros. & Co., 236 5th Av., New York.
Remington Arms Co., Ilion, N. Y.

B. HAMMERLESS REVOLVERS.
Forehand Arms Co., Worcester, Mass.
Harrington & Richardson Arms Co., Worcester, Mass.

C. REVOLVERS.
Ames Sword Co., Chicopee, Mass.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Forehand Arms Co., Worcester, Mass.
Harrington & Richardson Arms Co., Worcester, Mass.
Hopkins & Allen Mfg. Co., Norwich, Conn.
Hulbert Bros. & Co., 236 5th Av., New York.
John B. Lovell Arms Co., 147 Washington St., Boston, Mass.
Marlin Fire Arms Co., New Haven, Conn.
Otis A. Smith, Rockfall, Conn.
Smith & Wesson, Springfield, Mass. *1

D. RUBBER PISTOL HOLSTERS.
B. F. Goodrich Co., Akron, Summit Co., O.

582. POWDER.
Aetna Powder Co., 1410 Security Bldg., Chicago, Ill.
Atlantic Dynamite Co., Wilmington, Del.
Austin Powder Co., Cleveland, O.
California Powder Works, San Francisco, Cal.
E. I. Du Pont, De Nemours & Co., Wilmington, Del.
Great Western Powder Co., Toledo, O.
Hazard Powder Co., 44 Cedar St., New York.
Hercules Powder Co., Wilmington, Del.
King Powder Co., Cincinnati, O.
Arthur Kirk & Son, Pittsburg, Pa.
Laflin & Rand Powder Co., 20 Murray St., New York.
Miami Powder Co., Xenia, O.
Moosic Powder Co., Scranton, Pa.
Ohio Powder Co., Youngstown, O.
Phoenix Powder Mfg. Co., St. Louis, Mo.
Repauno Chemical Co., Wilmington, Del.
Sycamore Powder Mills, Nashville, Tenn.
World Refining Co., Easton, Pa.

A. BLASTING POWDER.
Aetna Powder Co., 1410 Security Bldg., Chicago, Ill.
American Forcite Powder Mfg. Co., 253 Broadway, N. Y.
Atlantic Dynamite Co. of New Jersey, Wilmington, Del.
California Powder Works, San Francisco, Cal.

Climax Powder Mfg. Co., Emporium, Pa.
Consumers' Powder Co., Scranton, Pa.
Dittmar Powder Works, 47 Liberty St., New York.
General Chemical Co., 32 Liberty St., New York.
Great Western Powder Co., Toledo, O.
Hazard Powder Co., 44 Cedar St., New York.
Hecla Powder Co., 96 Liberty St., New York.
Hercules Powder Co., Wilmington, Del.
King Powder Co., 3d & Main Sts., Cincinnati, O.
Laflin & Rand Powder Co., 20 Murray St., New York.
Miami Powder Co., Xenia, O.
Moosic Powder Co., Scranton, Pa.
Phoenix Powder Mfg. Co., St. Louis, Mo.
Rendrock Powder Co., 100 Broadway, New York.
Repauno Chemical Co., Wilmington, Del.
U. S. Dynamite & Chemical Co., 38 Platt St., New York.

B. GUN POWDER.
Aetna Powder Co., 1410 Security Bldg., Chicago, Ill.
California Powder Works, San Francisco, Cal.
Dittmar Powder Works, 47 Liberty St., New York.
E. I. Du Pont, De Nemours & Co., Wilmington, Del.
Hazard Powder Co., 44 Cedar St., New York.
King Powder Co., 3d & Main Sts., Cincinnati, O.
Laflin & Rand Powder Co., 20 Murray St., New York.
Miami Powder Co., Xenia, O.
Phoenix Powder Mfg. Co., St. Louis, Mo.
Repauno Chemical Co., Wilmington, Del.
Von Lengerke & Detmold, 318 Broadway, New York.

C. SEMI-SMOKELESS POWDER.
King Powder Co., 3d & Main Sts., Cincinnati, O.

D. SMOKELESS POWDER.
Austin Powder Co., Cleveland, O.
E. I. Du Pont, De Nemours & Co., Wilmington, Del.
Hazard Powder Co., 44 Cedar St., New York.
King Powder Co., 3d & Main Sts., Cincinnati, O.
Laflin & Rand Powder Co., 20 Murray St., New York.
Repauno Chemical Co., Wilmington, Del.

583. PROJECTILES.
Cumberland Steel & Tin Plate Works, Cumberland, Md.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Payne Co., Inc., Elmira, N. Y.

A. ARMOR PIERCING SHOT & SHELL.
Taylor Iron & Steel Co., High Bridge, N. J.

B. CAST STEEL EXPLOSIVE SHELL.
Taylor Iron & Steel Co., High Bridge, N. J.

C. DYNAMITE PROJECTILES.
Dynamite Gun Co., 40 Wall St., New York.

D. SHRAPNEL SHELL.
U. S. Projectile Co., 1st Av. & 53d St., Brooklyn, N. Y.

E. STEEL PROJECTILES.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
U. S. Projectile Co., 1st Av. & 53d St., Brooklyn, N. Y.

584. RIFLES.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Hopkins & Allen Mfg. Co., Norwich, Conn.
Marlin Fire Arms Mfg. Co., New Haven, Conn.
Massachusetts Arms Co., Chicopee Falls, Mass.
Remington Arms Co., Ilion, N. Y.
Savage Arms Co., Utica, N. Y.
J. Stevens Arms & Tool Co., Chicopee Falls, Mass.
Winchester Repeating Arms Co., New Haven, Conn.

A. AIR RIFLES.
J. A. Dubuar Mfg. Co., Northville, Mich.

B. MILITARY RIFLES.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Remington Arms Co., Ilion, N. Y.
Winchester Repeating Arms Co., New Haven, Conn.

C. POCKET RIFLES.
H. M. Quackenbush, Herkimer, N. Y.

D. REPEATING RIFLES.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Marlin Fire Arms Co., New Haven, Conn.
Remington Arms Co., Ilion, N. Y.
Winchester Repeating Arms Co., New Haven, Conn.

E. SHOOTING MATCH RIFLES.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Remington Arms Co., Ilion, N. Y.

F. SPANISH RIFLES.
Remington Arms Co., Ilion, N. Y.

G. SPORTING RIFLES.
Massachusetts Arms Co., Chicopee Falls, Mass.
Remington Arms Co., Ilion, N. Y.
Winchester Repeating Arms Co., New Haven, Conn.

585. SHOT.
Amer. Shot & Lead Co., 1225 Old Colony Bldg., Chicago, Ill.
Bailey, Farrell & Co., Pittsburg, Pa.
Colwell Lead Co., 63 Centre St., New York.
Selby Smelt. & Lead Co., Montgomery St., S. Francisco, Cal.
Sidney Shepard & Co., Buffalo, N. Y.
Thos. W. Sparks, 121 Walnut St., Philadelphia, Pa.
Tatham & Bros., 82 Beekman St., New York.

Wythe Lead & Zinc Mine Co., Austinville, Va.

A. BUCK SHOT.
Amer. Shot & Lead Co., 1225 Old Colony Bldg., Chicago, Ill.
Colwell Lead Co., 63 Centre St., New York.
Raymond Lead Co., 51 W. Lake St., Chicago, Ill.
Selby Smelt. & Lead Co., Montgomery St., S. Francisco, Cal.
Tatham & Bros., 82 Beekman St., New York.
Wythe Lead & Zinc Mine Co., Austinville, Va.

B. CHILLED SHOT.
Amer. Shot & Lead Co., 1225 Old Colony Bldg., Chicago, Ill.
Colwell Lead Co., 63 Centre St., New York.
Raymond Lead Co., 51 W. Lake St., Chicago, Ill.
B. C. & R. A. Tilghman, 1118 S. 11th St., Philadelphia, Pa.

C. SLUG SHOT.
Benjamin Hammond, Fiskhill-on-Hudson, N. Y.

586. SHOT SHELLS.

A. BRASS SHOT SHELLS.
Peters Cartridge Co., 150 E. 3d St., Cincinnati, O.
Union Metallic Cartridge Co., Bridgeport, Conn.
United States Cartridge Co., Lowell, Mass.
Winchester Repeating Arms Co., New Haven, Conn.

B. PAPER SHOT SHELLS.
Peters Cartridge Co., Cincinnati, O.
Union Metallic Cartridge Co., Bridgeport, Conn.
Winchester Repeating Arms Co., New Haven, Conn.

XV. FURNITURE.

587. BEDDING.

A. FEATHER BEDS.
Bloom & Godley, Trenton, N. J.
Cold Blast Feather Co., 45 W. Van Buren St., Chicago, Ill.
Pack & Sons Mfg. Co., 12th & Washington Av., Phila., Pa.
C. P. Rogers & Co., 264 Sixth Av., New York.

B. MATTRESSES.
Abernathy Furniture Co., Kansas City, Mo.
F. F. Avery, S. Framingham, Mass.
Chittenden & Eastman, Burlington, Iowa.
M. Clune & Sons, 1402 S. Meridan St., Indianapolis, Ind.
Foster Bros. Mfg. Co., Utica, N. Y.
Conrad Haase, 719 Main St., Evansville, Ind.
Jacob Kaiser & Co., 204 S. 4th St., St. Louis, Mo.
Lathrop & Co., Utica, N. Y.
J. H. Lloyd, 1416 Walnut St., Kansas City, Mo.
Minneapolis Bedding Co., Minneapolis, Minn.
Pack & Sons Mfg. Co., 12th & Washington Av., Phila., Pa.
Schmitt & Henry Mfg. Co., Des Moines, Iowa.
John Shillito Co., Race & 7th Sts., Cinncinnati, O.

C. MATTRESSES, AIR.
Mechanical Fabric Co., Providence, R. I.
Pneumatic Mattress & Cushion Co., Reading, Mass.

D. MATTRESES, CORK.
Sperry & Beale, 39 Union Sq., W., New York.

E. MATTRESSES, COTTON.
Michael Clune, Indianapolis, Ind.
Dubuque Mattress Factory, Dubuque, Iowa.
Grand Rapids Mattress Co., Grand Rapids, Mich.
T. B. Laycock Mfg. Co., Indianapolis, Ind.

F. MATTRESSES, EXCELSIOR.
Bagby Furniture Co., Baltimore, Md.
Brooklyn Furniture Co., 563 Fulton St., Brooklyn, N. Y.
Michael Clune, Indianapolis, Ind.
Grand Rapids Mattress Co., Grand Rapids, Mich.
Geo. Heyman, 105 Mott St., New York.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
Ostermoor & Co., 116 Elizabeth St., New York.
Peavey & Nash Furniture Co., Sioux City, Iowa.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
Alex. H. Revell & Co., Inc., Adams St., Chicago, Ill.
P. Rogers & Co., 264 Sixth Av., New York.
Schmitt & Henry Mfg. Co., Des Moines, Iowa.

G. MATTRESSES, FELT.
H. D. Ostermoor & Son, 116 Elizabeth St., New York.
Sperry & Beale, 39 Union Sq., W., New York.

H. MATTRESSES, FIBRE.
Grand Rapids Mattress Co., Grand Rapids, Mich.

I. MATTRESSES, HAIR.
Michael Clune, Indianapolis, Ind.
Dubuque Mattress Factory, Dubuque, Iowa.
Glover & Willcomb, 36 Canal St., Boston, Mass.
Grand Rapids Mattress Co., Grand Rapids, Mich.
Francis A. Hall, 120 Baxter St., New York.

	T. B. Laycock Mfg. Co., Indianapolis, Ind.
	Ostermoor & Co., 116 Elizabeth St., New York.
	Alex. H. Revell & Co., Inc., Wabash Av. c. Adams, Chic., Ill.
	G. W. Sammet & Son, 154 Hanover St., Boston, Mass.
	Sanitary Feather Co., 249 S. Canal St., Chicago, Ill.
	Oscar E. A. Wiessner, 7th St. & 3d Av., Brooklyn, N. Y.
J. MATTRESSES, HUSK.	Michael Clune, Indianapolis, Ind.
	Grand Rapids Mattress Co., Grand Rapids, Mich.
	Geo. Heyman, 105 Mott St., New York.
	T. B. Laycock Mfg. Co., Indianapolis, Ind.
	Alex. H. Revell & Co., Inc., Wabash Av. c. Adams, Chic., Ill.
K. MATTRESSES, MOSS.	Dubuque Mattress Factory, Dubuque, Iowa.
	Geo. Heyman, 105 Mott St., New York.
	Alex. H. Revell & Co., Inc., Wabash Av. c. Adams, Chic., Ill.
L. MATTRESSES, PALM.	Grand Rapids Mattress Co., Grand Rapids, Mich.
M. MATTRESSES, SLEEPING CAR.	McKay Curtain Co., Wilmington, Del.
	H. D. Ostermoor & Son, 116 Elizabeth St., New York.
N. MATTRESSES, WIRE.	Geo. W. Bent & Co., 10 Charlestown St., Boston, Mass.
	Campbell Spring Bed Co., Brooklyn, N. Y.
	Chattanooga Spring Bed Co., Chattanooga, Tenn.
	Cold Blast Feather Co., 45 W. Van Buren St., Chicago, Ill.
	Dubuque Mattress Factory, Dubuque, Iowa.
	Foster Bros. Mfg. Co., Utica, N. Y.
	D. N. Foster Furniture Co., Ft. Wayne, Ind.
	Grand Rapids Mattress Co., Grand Rapids, Mich.
	Hard Mfg. Co., Buffalo, N. Y.
	Hartford Woven Wire Mattress Co., Hartford, Conn.
	Murphy, Wasey & Co., Inc., Detroit, Mich.
	National Wire Mattress Co., New Britain, Conn.
	N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	Henry Schomer, 301 S. Canal St., Chicago, Ill.
O. MATTRESSES, WOOL.	Grand Rapids Mattress Co., Grand Rapids, Mich.
	T. B. Laycock Mfg. Co., Indianapolis, Ind.
P. MATTRESSES, WOVEN WIRE.	Foster Bros. Mfg. Co., Utica, N. Y.
	Grand Rapids Mattress Co., Grand Rapids, Mich.
	Haggard & Marcusson Co., 409 S. Canal St., Chicago, Ill.
	Francis A. Hall, 120 Baxter St., New York.
	Hartford Woven Wire Mattress Co., Hartford, Conn.
	Lathrop & Co., Utica, N. Y.
	T. B. Laycock Mfg. Co., Indianapolis, Ind.
	Murphy, Wasey & Co., Inc., Detroit, Mich.
	N. Y. Woven Wire Mattress Co., 394 Hudson St., New York.
	N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
	Ostermoor & Co., 116 Elizabeth St., New York.
	Schmitt & Henry Mfg. Co., Des Moines, Iowa.
	Union Wire Mattress Co., 83 Erie St., Chicago, Ill.
	Oscar E. A. Wiessner, 7th St. & 3d Av., Brooklyn, N. Y.
Q. PILLOWS, AIR.	Davol Rubber Co., Providence, R. I.
	B. F. Goodrich Co., Akron, O.
	Mattson Rubber Co., 11 Broadway, New York.
	Tyer Rubber Co., Andover, Mass.
R. PILLOWS & BOLSTERS.	Geo. W. Bent & Co., 10 Charlestown St., Boston, Mass.
	Dubuque Mattress Factory, Dubuque, Iowa.
	Ely & Walker Dry Goods Co., 1918 Chestnut St., St. Louis, Mo.
	B. F. Goodrich Co., Akron, O.
	Grand Rapids Mattress Co., Grand Rapids. Mich.
	Jacob Kaiser & Co., 204 S. 4th St., St. Louis, Mo.
	F. E. Little & Co., 701 N. Main St., St. Louis, Mo.
	Minneapolis Bedding Co., Minneapolis, Minn.
	Sanitary Feather Co., 249 S. Canal St., Chicago, Ill.
S. PILLOWS, HAIR.	Francis A. Hall, 120 Baxter St., New York.
	Geo. Heyman, 105 Mott St., New York.
	Ostermoor & Co., 116 Elizabeth St., New York.
T. PILLOWS, SPRING.	A. J. Warren, Nashville, Tenn.
	Weston & Wells Mfg. Co., 1110 Cherry St., Philadelphia, Pa.
U. SPRING BEDS.	Foster Bros. Mfg. Co., Utica, N. Y.
	Haggard & Marcusson Co., 409 S. Canal St., Chicago, Ill.
	Francis A. Hall, 120 Baxter St., New York.
	Hard Mfg. Co., Buffalo, N. Y.
	Geo. Heyman, 105 Mott St., New York.
	T. B. Laycock Mfg. Co., Indianapolis, Ind.
	Minneapolis Bedding Co., Minneapolis, Minn.
	N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
	Pack & Sons Mfg. Co., 12th & Washington Av., Phila., Pa.
	P. Rogers & Co., 264 6th Av., New York.

Schmitt & Henry Mfg. Co., Des Moines, Iowa.
Henry Schomer, 301 S. Canal St., Chicago, Ill.
U. S. Spring Bed Co., Springfield, Mass.
Union Wire Mattress Co., 73 Erie St., Chicago, Ill.

588. BEDSTEAD ATTACHMENTS.
I. E. Palmer, Middletown, Conn. *33

589. BEDSTEADS.
Abernathy Furniture Co., Kansas City, Mo.
Aertz, Meyers Co., Detroit, Mich.
Buffalo School Furniture Co., Buffalo, N. Y.
Chattanooga Furniture Co., Chattanooga, Tenn.
Chattanooga Spring Bed Co., Chattanooga, Tenn.
Chittenden & Eastman, Burlington, Iowa.
Connersville Furniture Mfg. Co.. Connersville, Ind.
A H. Davenport, 96 Washington St., Boston, Mass.
Foster Bros. Mfg. Co., Utica, N. Y.
Grand Rapids Furniture Co., Grand Rapids, Mich.
Indiana Furniture Co., Connersville, Ind.
Marietta Chair Co., Inc., Marietta, O.
Mattoon Mfg. Co., Sheboygan, Wis.
Merriam, Hall & Co., N. Leominster, Mass.
Ohio Furniture Co., Columbus, O.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Josiah Partridge & Sons, 358 Pearl St., New York.
Pentwater Bedstead Co., Pentwater, Mich.
Rockford Chair & Furniture Co., Rockford, Ill.
Royal Furniture Co., Grand Rapids, Mich.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Sligh Furniture Co., Grand Rapids, Mich.
Tell City Furniture Co., Tell City, Ind.
Widdicomb Furniture Co., Grand Rapids, Mich.
Oscar E. A. Wiessner, 7th St. & 3d Av., Brooklyn, N. Y.

A. BRASS BEDSTEADS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Hartford Woven Wire Mattress Co., Hartford, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
Royal Furniture Co., Grand Rapids, Mich.
Whitcomb Metallic Bedstead Co., Shelton, Conn.
Oscar E. A. Wiessner, 3d Av. & 7th St., Brooklyn, N. Y.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

B. CAMP BEDS.
Foster Bros. Mfg. Co., Utica, N. Y.
Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
Grand Rapids Mattress Co., Grand Rapids, Mich.

C. COTTAGE BEDSTEADS.
Foster Bros. Mfg. Co., Utica, N. Y.

D. FOLDING BEDS.
A. H. Andrews Co., 304 Wabash Ave., Chicago, Ill.
Andrews Mfg. Co., 65 5th Av., New York.
Carrollton Furniture Mfg. Co., Carrollton, Ky.
Columbia Folding Bed Co., 200 Canal St., New York.
Forest City Furniture Co., Rockford, Ill.
Foster Bros. Mfg. Co., Utica, N. Y.
Gunn Folding Bed Co., Grand Rapids, Mich.
Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Hodell Furniture Co., Shelbyville, Ind.
Kenosha Crib Co., Kenosha, Wis.
Langslow, Fowler Co., Rochester, N. Y.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
Minneapolis Furniture Co., Minneapolis, Minn.
Nelson, Matter Furniture Co., Grand Rapids, Mich.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Phoenix Furniture Co., Grand Rapids, Mich.
Pioneer Furniture Co., Eua Claire, Wis.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Union Wire Mattress Co., 73 Erie St., Chicago, Ill.

E. HOSPITAL BEDS.
Dow Wire Works Co., Louisville, Ky.
Foster Bros. Mfg. Co., Utica, N. Y.
Hartford Woven Wire Mattress Co., Hartford, Conn.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
Ostermoor & Co., 116 Elizabeth St., New York.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Union Wire Mattress Co., 73 Erie St., Chicago, Ill.

F. INVALID BEDSTEADS.
Foster Bros. Mfg. Co., Utica, N. Y.
Hartford Woven Wire Mattress Co., Hartford, Conn.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
Ostermoor & Co., 116 Elizabeth St., New York.
Geo. F. Sargent Co., 289 4th Av., New York.

Weiler & Barth Mfg. Co., 786 4th St., Milwaukee, Wis.

G. IRON BEDSTEADS.
Champion Iron Co., Kenton, O.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
J. W. Fiske, 39 Park Place, New York.
Foster Bros. Mfg. Co., Utica, N. Y.
Hard Mfg. Co., Buffalo, N. Y.
Hartford Woven Wire Mattress Co., Hartford, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Lathrop & Co., Utica, N. Y.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
Mich. Wire & Iron Works, Detroit, Mich.
Minneapolis Bedding Co., Minneapolis, Minn.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
Ostermoor & Co., 116 Elizabeth St., New York.
Pack & Sons Mfg. Co., 12th & Washington Av., Phila., Pa.
Smith & Davis Mfg. Co., St. Louis, Mo.
Union Wire Mattress Co., 73 Erie St., Chicago, Ill.
Whitcomb Metallic Bedstead Co., Shelton, Conn.

H. IRON JAIL BEDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Hartford Woven Wire Mattress Co., Hartford, Conn.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.

I. TRUNDLE BEDSTEADS.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.

J. WIRE BEDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Dow Wire Works, Louisvile, Ky.

590. BIDETS.
F. W. Alms Mfg. Co., 225 E. Clifton Av., Cincinnati, O.
Hale Co., 15 Stone St., New York.
J. W. Mason & Co., 406 Pearl St., New York.

591. BLACKING CASES.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Hale & Kilburn Mfg. Co., 48 W. 6th St., Philadelphia, Pa.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
L. H. Mace & Co., 117 E. Houston St., New York.
McLeod & Smith, Minneapolis, Minn.
Schmit Bros. Trunk Co., Oshkosh, Wis.
Udell Works, Indianapolis, Ind.
J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
Winona Wood Rim Co., Winona, Minn.

592. BOOK CASES.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Ballman Cabinet Co., 530 Livingston St., Cincinnati, O.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
C. G. Brown Furniture Co., Syracuse, N. Y.
Central Furniture Co., Rockford, Ill.
Central Mfg. Co., 41 Armour St., Chicago, Ill.
Thos. Clark & Co., 231 Levant St., Philadelphia, Pa.
Copeland & Durgin Co., Rochester, N. Y.
Forest City Furniture Co., Rockford, Ill.
Fort Plain Furniture Co., Fort Plain, N. Y.
Globe Co., 1223 W. 8th St., Cincinnati, O.
Grand Rapids Chair Co., Grand Rapids, Mich.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
Hemmer Bros., Newark, N. J.
J. E. & A. Hoing, Evansville, Ind.
Kent Furniture Mfg. Co., Grand Rapids, Mich.
Kriemer & Bro. Co., 9th & Carr Sts., Cincinnati, O.
Luger Furniture Co., North St. Paul, Minn.
Monitor Co., Moodus, Conn.
Nelson Matter Furniture Co., Grand Rapids, Mich.
Newburg Furniture Mfg. Co., 37 Lander St., Newburg, N. Y.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Paris Mfg. Co., S. Paris, Me.
Phoenix Furniture Co., Grand Rapids, Mich.
Royal Furniture Co., Grand Rapids, Mich.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Sligh Furniture Co., Grand Rapids, Mich.
H. H. Wiggers & Sons Furniture Co., Cincinnati, O.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

A. CABINET BOOK CASES.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Richard Herring, San Francisco, Cal.
J. & R. Lamb, 59 Carmine St., New York.

B. COMBINATION BOOK CASE & DESK.
Copeland & Durgin Co., 126 Jay St., Rochester, N. Y.
Novelty Wood Works, Union City, Pa.
Udell Works, Indianapolis, Ind.

C. COMBINATION BOOK CASES.
Central Furniture Co., Rockford, Ill.

J. E. & A. Hoing, Evansville, Ind.
Paris Mfg. Co., S. Paris, Me.
Rockford Co-operative Furniture Co., Rockford, Ill.

D. CYLINDER BOOK CASES. Herrmann Furn. & Plumb. Cab. Wks., New York.
Northwestern Cabinet Co., Burlington, Iowa.
Rockford Co-operative Furniture Co., Rockford, Ill.

E. LIBRARY BOOK CASES. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Thos. Clark & Co., 231 Levant St., Philadelphia, Pa.
Forest City Furniture Co., Rockford, Ill.
J. E. & A. Hoing, Evansville, Ind.
Rockford Co-operative Furniture Co., Rockford, Ill.
Udell Works, Indianapolis, Ind.

F. RATTAN BOOK CASES. Heywood Bros. & Wakefield Co., Gardner, Mass.

G. REVOLVING BOOK CASES. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
John Danner Mfg. Co., Canton, O.
Globe Co., 1223 W. Eighth St., Cincinnati, O.
Lambie Co., 8 Bible House, 39 E. 19th St., New York.
Geo. F. Sargent Co., 289 4th Av., New York.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

H. ROLLER BOOK CASES. Central Furniture Co., Rockford, Ill.

593. BOOK RACKS. R. Bliss Mfg. Co., Pawtucket, R. I.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Henry T. Cushman Mfg. Co., N. Bennington, Vt.
Essex Wood Turning Co., Essex, Conn.
Chas. Lersch, 520 E. 17th St., New York.
Mattoon Mfg. Co., Sheboygan, Wis.
Sam'l C. Tatum Co., Water & John Sts., Cincinnati, O.
Ellis Thayer's Son, Pawtucket, R. I.
A. J. Wells Mfg. Co., 248 Tallman St., Syracuse, N. Y.

594. BOOK SHELVES. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Fletcher & Webster Furniture Co., Nashua, N. H.
Library Bureau, 146 Franklin St., Boston, Mass. *26
A. Meinecke & Son, Milwaukee, Wis.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

595. BROOM RACKS. Nicol & Co., 55 W. Washington St., Chicago, Ill.

596. BUFFETS. Ballman Cabinet Co., 530 Livinston St., Cincinnati, O.
Grand Rapids Chair Co., Grand Rapids, Mich.
Indiana Furniture Co., Connersville, Ind.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
J. Gibb Smith & Co., New Haven, Conn.

597. BUREAUS. Abernathy Furniture Co., Kansas City, Mo.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
Chattanooga Furniture Co., Chattanooga, Tenn.
Chittenden & Eastman, Burlington, Iowa.
Connersville Furniture Co., Connersville, Ind.
Albert H. Davenport, 96 Washington St., Boston, Mass.
German Furniture Co., Middleport, O.
Hawks Furniture Co., Goshen, Ind.
Herrmann Furn. & Plumb. Cab. Wks., New York.
Indiana Furniture Co., Connersville, Ind.
Johnson Chair Co., 233 Green St., Chicago, Ill.
Mattoon Mfg. Co., Sheboygan, Wis.
Merriam, Hall & Co., Leominster, Mass.
Josiah Partridge & Sons, 358 Pearl St., New York.
S. Puster & Co., Evansville, Ind.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Spencer & Barnes, Benton Harbor, Mich.
Tell City Furniture Co., Tell City, Ind.

598. CABINETS. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Thos. Clark & Co., 231 Levant St., Philadelphia, Pa.
Jas. W. Cooper, 1706 Washington Av., Philadelphia, Pa.
C. Ehman & Co., 1201 W. Superior St., Chicago, Ill.
Chas. Lersch, 520 E. 17th St., New York.
A. Meinecke & Son, Milwaukee, Wis.
Newburg Furniture Mfg. Co., 37 Lander St., Newburg, N. Y.
Royal Furniture Co., Grand Rapids, Mich.
Geo. W. Smith & Co., 3907 Powelton Av., Philadelphia, Pa.

A. CATALOGUE CABINETS. M. Ohmer's Sons Co., Dayton, O.

B. CHINA CABINETS. Ballman Cabinet Co., 530 Livingston St., Cincinnati, O.
Continental Cabinet Co., Court St. & McLean Av., Cinn., O.
E. Schloss & Co., 504 Cherry St., New York.
Schrenkeisen Co., 25 Elizabeth St., New York.

C. KITCHEN CABINETS. Minneapolis Furniture Co., Minneapolis, Minn.
H. C. Underwood Mfg. Co., Wabash, Ind.

D. LADIES' CABINETS. Central Furniture Co., Rockford, Ill.
Continental Cabinet Co., Court St. & McLean Av., Cinn, O.

	Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
E. LEGAL BLANK CABINETS.	M. Ohmer's Sons Co., Dayton, O.
F. MANTEL CABINETS.	Ballman Cabinet Co., 530 Livingston St., Cincinnati, O.
	Murphy & Diebold, Pittsburg, Pa.
	Tell City Desk Co., Tell City, Ind.
G. METAL CABINETS.	National Brass & Iron Works, Reading, Pa.
	Ohio Furniture Co., Columbus, O.
H. MUSIC CABINETS.	Ballman Cabinet Co., 530 Livingston St., Cincinnati, O.
	C. G. Brown Furniture Co., Syracuse, N. Y.
	Central Furniture Co., Rockford, Ill.
	Essex Wood Turning Co., Essex, Conn.
	Farrand & Votey Organ Co., Detroit, Mich.
	Forest City Furniture Co., Rockford, Ill.
	Grand Rapids Chair Co., Grand Rapids, Mich.
	Henry Holtzman & Sons, Columbus, O.
	Andrew Homan Co., 446 Water St., New York.
	Oriel Cabinet Co., Grand Rapids, Mich.
	Paine Furniture Co., 48 Canal St., Boston, Mass.
	Rockford Co-operative Furniture Co., Rockford, Ill.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	E. Schloss & Co., 504 Cherry St., New York.
	Udell Works, Indianapolis, Ind.
	M. Winter Lumber Co., Sheboygan, Wis.
I. ONYX CABINETS.	Pittsburg Lamp & Brass Co., Ft. Locust St., Allegheny, Pa.
J. PARLOR CABINETS.	Ballman Cabinet Co., 530 Livingston St., Cincinnati, O.
	Grand Rapids Chair Co., Grand Rapids, Mich.
	Andrew Homan Co., 446 Water St., New York.
	Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
	Rockford Co-operative Furniture Co., Rockford, Ill.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	E. Schloss & Co., 504 Cherry St., New York.
	Udell Works, Indianapolis, Ind.
	F. Vogel & Co., 226 E. 37th St., New York.
K. PHYSICIANS' CABINETS.	W. D. Allison Co., Indianapolis, Ind. *2
	Gordon-Burnham Battery Co., 594 Broadway, New York.
	Thomas Kelsall Co., McLean Av. & Richmond St., Cinn., O.
	Udell Works, Indianapolis, Ind.
L. STANDING CABINETS.	Continental Cabinet Co., Court St. & McLean Av., Cinn., O.
	Oriel Cabinet Co., Grand Rapids, Mich.
M. TURKISH BATH CABINETS.	New Haven Chair Co., New Haven, Conn.
N. TYPEWRITER CABINETS.	Horrocks Desk Co., Herkimer, N. Y.
	H. C. Underwood Mfg. Co., Wabash, Ind.
O. WALL CABINETS.	Ballman Cabinet Co., 530 Livingston St., Cincinnati, O.
	Continental Cabinet Co., Court St. & McLean Av., Cinn., O.
	Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
	Oriel Cabinet Co., Grand Rapids, Mich.
	John B. Rohrer, 1222 Schackamaxon St., Philadelphia, Pa.
	H. C. Underwood Mfg. Co., Wabash, Ind.
599. CANOPY FIXTURES.	
A. CANOPY BEDSTEAD ATTACHMENTS.	I. E. Palmer, Middletown, Conn. *33
	Williams & Crudup, Meridian, Miss.
B. CANOPY FRAMES, BRASS.	I. E. Palmer, Middletown, Conn. *33
C. MOSQUITO CANOPY FRAMES.	H. L. Judd & Co., Inc., 87 Chambers St., New York.
	I. E. Palmer, Middletown, Conn. *33
	Williams & Crudup, Meridian, Miss.
D. SELF ADJUSTING CANOPY FRAMES.	I. E. Palmer, Middletown, Conn. *33
	Williams & Crudup, Meridian, Miss.
E. TURN OVER CANOPY FRAMES.	I. E. Palmer, Middletown, Conn. *33
	Williams & Crudup, Meridian, Miss.
600. CEDAR CHESTS.	Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
	Paine Furniture Co., 48 Canal St., Boston, Mass.
	W. B. White & Son, 105 Summer St., Boston, Mass.
601. CHAIRS.	Binghamton Chair Co., Binghamton, N. Y.
	Bodestein & Kuemmerle, Lawrence & Gerard Sts., Phila., Pa.
	F. H. Connant's Sons, Camden, N. Y.
	H. C. Dexter Chair Co., Black River, N. Y.
	J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
	Johnson Chair Co., 255 N. Green St., Chicago, Ill.
	Marble & Shattuck Chair Co., Bedford, O.
	A. Meinecke & Son, Milwaukee, Wis.
	Murphy, Wasey & Co., Inc., Detroit, Mich.
	Stomps, Burkhardt Co., Dayton, O.
	Webster Mfg. Co., S. Superior, Wis.
A. ADJUSTABLE CHAIRS.	Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
	Marks' Adjustable Chair Co., 1144 Broadway, New York.
B. ANTIQUE CHAIRS.	Crocker Chair Co., Sheboygan, Wis.

Delaware Chair Co., Delaware, O.
Grand Rapids Chair Co., Grand Rapids, Mich.
Louisville Mfg. Co., Louisville, Ky.
Mellish, Byfield & Co., 619 Albany St., Boston, Mass.
Milwaukee Chair Co., Milwaukee, Wis.

C. ASSEMBLY CHAIRS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews & Co., 304 Wabash Av., Chicago, Ill.
Crocker Chair Co., Sheboygan, Wis.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Milwaukee Chair Co., Milwaukee, Wis.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.

D. BARBERS' CHAIRS.
Archer Mfg. Co., Rochester, N. Y.
Engene Berninghaus, 1904 Western Av., Cincinnati, O.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Theo. A. Kochs Co., 158 N. Wells St., cor. Erie, Chicago, Ill.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.

E. BATH CHAIRS.
Fay Mfg. Co., Elyria, O.
Marks' Adjustable Chair Co., 1144 Broadway, New York.

F. BENT WOOD CHAIRS.
Heywood Bros. & Wakefield Co., Gardner, Mass.
H. G. Shepard & Sons, James & River, New Haven, Conn.

G. BRASS CHAIRS.
H. L. Judd & Co., 87 Chambers St., New York.
Wm. Wiler, 233 S. 5th St., Philadelphia, Pa.

H. CAMP CHAIRS.
A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Geo. Chipman & Son, Baltimore, Md.
Crocker Chair Co., Sheboygan, Wis.
Foster Bros. Mfg. Co., Utica, N. Y.
Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
Jacob S. Lang, Albany, N. Y.
New Haven Chair Co., New Haven, Conn.
N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.

I. CANE SEAT CHAIRS.
E. Barnes & Bro., 198 Canal St., New York.
S. Bent & Bros., South Gardner, Mass.
Y. W. Burtch & Co., Jamestown, N. Y.
Central Chair Co., Indianapolis, Ind.
Champlain Mfg. Co., Burlington, Vt.
Geo. Chipman & Son, Baltimore, Md.
Crocker Chair Co., Sheboygan, Wis.
Delaware Chair Co., Delaware, O.
Philander Derby & Co., West Gardner, Mass.
Dunn & Salisbury, Keene, N. H.
J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
Fort Madison Chair Co., Fort Madison, Iowa.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Hale Co., 15 Stone St., New York.
Lewis S. Hayes, Cortland, N. Y.
G. Henshaw & Sons, Canal & Elm Sts., Cincinnati, O.
F. Herhold & Sons, 160 W. Erie St., Chicago, Ill.
Heywood Bros. & Wakefield Co., Gardner, Mass.
F. H. Logeman Ch. Mfg. Co., 2000 N. Main St., St. Louis, Mo.
Marietta Chair Co., Inc., Marietta, O.
Murphy, Wasey & Co., Inc., Detroit, Mich.
Josiah Partridge, 358 Pearl St., New York.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Smith, Day & Co., Baldwinsville, Mass.
Stomps, Burkhardt Co., Dayton, O.
Tidioute Chair Co., Ltd., Tidioute, Pa.
Webster Mfg. Co., S. Superior, Wis.

J. CHILDREN'S CHAIRS.
S. Bent & Bros., South Gardner, Mass.
Buckstaff-Edwards Co., Oshkosh, Wis.
Crocker Chair Co., Sheboygan, Wis.
Philander Derby & Co., West Gardner, Mass.
J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Kinley Mfg. Co., Hoyne Av. & Van Buren St., Chicago, Ill.
F. H. Logeman Ch. Mfg. Co., 2000 N. Main St., St. Louis, Mo.
Mann Bros., Milwaukee, Wis.
Paris Manufacturing Co., S. Paris, Me.
Phoenix Chair Co., Sheboygan, Wis.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Geo. Spratt & Co., Sheboygan, Wis.
Tidioute Chair Co., Ltd., Tidioute, Pa.

K. CHILDREN'S TABLE & CARRIAGE CHAIRS.
Crocker Chair Co., Sheboygan, Wis.
J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Josiah Partridge & Sons, 358 Pearl St., New York.

L. CHURCH CHAIRS.	American Desk Co., 18 E. Van Buren St., Chicago, Ill.
	B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
	J. & R. Lamb, 59 Carmine St., New York.
	Milwaukee Chair Co., Milwaukee, Wis.
	Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
	Racine Hardware Co., Racine, Wis.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
M. COMBINATION CHAIRS.	Hale Co., 15 Stone St., New York.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Kenosha Crib Co., Kenosha, Wis.
	Wm. A. Stokes & Co., 30 Warren St., New York.
N. COTTAGE CHAIRS.	Geo. Chipman & Son, Baltimore, Md.
	J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
	J. W. Mason & Co., 406 Pearl St., New York.
O. DENTISTS' CHAIRS.	Archer Mfg. Co., Rochester, N. Y.
	Eugene Berninghaus, 1904 Western Av., Cincinnati, O.
	Canton Surgical & Dental Chair Co., Canton, O.
	Harvard Co., Canton, O.
	A. Rosenberg Co., 629 N. Carey St., Baltimore, Md.
	S. S. White Dent. Mfg. Co., Chestnut & S. 12th St., Phila., Pa.
P. DINING CHAIRS.	E. Barnes & Bros., 198 Canal St., New York.
	Barnutz & Diehl, 143 7th Av., New York.
	Berkey & Gay Furniture Co., Grand Rapids, Mich.
	Geo. Chipman & Son, Baltimore, Md.
	Crocker Chair Co., Sheboygan, Wis.
	Delaware Chair Co., Delaware, O.
	Dunn & Salisbury, Keene, N. H.
	Harvard Co., Canton, O.
	Lewis S. Hayes, Cortland, N. Y.
	G. Henshaw Sons, Canal & Elm Sts., Cincinnati, O.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Indianapolis Chair Mfg. Co., Indianapolis, Ind.
	J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
	B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
	F. H. Logeman Ch. Mfg. Co., 2000 N. Main St., St. Louis, Mo.
	Marble & Shattuck Chair Co., Bedford, O.
	Milwaukee Chair So., Milwaukee, Wis.
	Paine Furniture Co., 48 Canal St., Boston, Mass.
	Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
	Parkersburg Chair Co., Parkersburg, W. Va.
	Royal Furniture Co., Grand Rapids, Mich.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	Geo. Spratt & Co., Sheboygan, Wis.
	Stomps-Burkhardt Co., Dayton, O.
	F. Vogel & Co., 226 E. 37th St., New York.
Q. EASY CHAIRS.	Barnutz & Diehl, 143 7th Av., New York.
	Crocker Chair Co., Sheboygan, Wis.
	B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
	Milwaukee Chair Co., Milwaukee, Wis.
	Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
	Schrenkeisen Co., 25 Elizabeth St., New York.
	Stomps-Burkhardt Co., Dayton, O.
	Streit & Schmit, 354 Hopkins St., Cincinnati, O.
	F. Vogel & Co., 226 E. 37th St., New York.
R. FANCY CHAIRS.	Abernathy Furniture Co., Kansas City Mo.
	Geo. Chipman & Son, Baltimore, Md.
	T. H. Conant's Sons, Camden, N. Y.
	Delaware Chair Co., Delaware, O.
	H. C. Dexter Chair Co., Black River, N. Y.
	Jamestown Cane Seat Chair Co., Jamestown, N. Y.
	Marble & Shattuck Chair Co., Bedford, O.
	Milwaukee Chair Co., Milwaukee, Wis.
	New Haven Chair Co., New Haven, Conn.
	Schrenkeisen Co., 25 Elizabeth St., New York.
	Yeager Furniture Co., Allentown, Pa.
S. FOLDING CHAIRS.	American Desk Co., 18 E. Van Buren St., Chicago, Ill.
	A. E. Barnes & Bro., 198 Canal St., New York.
	Geo. Chipman & Son, Baltimore, Md.
	Crocker Chair Co., Sheboygan, Wis.
	J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
	Foster Bros. Mfg. Co., Utica, N. Y.
	Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
	Grand Rapids Portable House Co., Grand Rapids, Mich.
	Hard Mfg. Co., Buffalo, N. Y.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Kalamazoo Sled Co., Kalamazoo, Mich.

Marks' Adjustable Chair Co., 1144 Broadway, New York.
McCraken & Hall, 116 Edward St., Philadelphia, Pa.
Nashua Novelty Works, Nashua, N. H.
New Haven Chair Co., New Haven, Conn.
Northwestern Casket Co., Minneapolis, Minn.
N. Western Wire Mattress Co., 228 Wabash Av., Chicago, Ill.
Novelty Wood Works, Union City, Pa.
Readsboro Chair Mfg. Co., Readsboro, Vt.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Stevens Chair Co., Pittsburg, Pa.
M. Winter Lumber Co., Sheboygan, Wis.

T. GYNAECOLOGICAL CHAIRS.
W. D. Allison Co., Indianapolis, Ind. *2
Archer Mfg. Co., Rochester, N. Y.
Eugene Berninghaus, 1904-1912 Western Av., Cincinnati, O.
Canton Surgical & Dental Chair Co., Canton, O.
Marks' Adjustable Chair Co., 1144 Broadway, New York.
B. D. Miner, Indianapolis, Ind.

U. HAMMOCK CHAIRS.
A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Seeder & Hammock Chair Co., Homer, Mich.

V. INVALID CHAIRS.
Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
Fay Mfg. Co., Elyria, O.
Mann Bros., Milwaukee, Wis.
A. A. Marks, 701 Broadway, New York.
Marks' Adjustable Chair Co., 1144 Broadway, New York.
Robert Mitchell Furniture Co., 111 4th St., Cincinnati, O.
New Haven Chair Co., New Haven, Conn.

W. INVALID ROLLING CHAIRS.
W. D. Allison Co., Indianapolis, Ind. *2
Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
Dann Bros. & Co., 80 Franklyn St., New Haven, Conn.
J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
A. A. Marks, 701 Broadway, New York.
Marks' Adjustable Chair Co., 1144 Broadway, New York.
Milwaukee Chair Co., Milwaukee, Wis.
New Haven Chair Co., New Haven, Conn.
Geo. F. Sargent Co., 289 4th Av., New York.
Herbert S. Smith, 81 John St., New York.
Stevens Chair Company, Pittsburg, Pa.

X. IRON CHAIRS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Oscar E. A. Wiessner, 3d Av. & 7th St., Brooklyn, N. Y.

Y. LAWN CHAIRS.
A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Binghamton Chair Co., Binghamton, N. Y.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Champion Iron Co., Kenton, O.
Edward Darby & Sons, Philadelphia, Pa.
Delaware Chair Co., Delaware, O.
J. W. Fiske, 39 Park Place, New York.
Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
F. H. Logeman Ch. Mfg. Co., 2000 N. Main St., St. Louis, Mo.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
Ohio Rake Co., Dayton, O.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

Z. LIBRARY CHAIRS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Geo. Chipman & Son, Baltimore, Md.
Crocker Chair Co., Sheboygan, Wis.
Delaware Chair Co., Delaware, O.
J. S. Ford, Johnson & Co., Ind Av. & 16th St., Chicago, Ill.
G. Henshaw Sons, Canal & Elm Sts., Cincinnati, O.
Heywood Bros. & Wakefield Co., Gardner, Mass.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Milwaukee Chair Co., Milwaukee, Wis.
Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Stomps-Burkhardt Co., Dayton, O.
Taylor Chair Co., Bedford, O.
Yeager Furniture Co., Allentown, Pa.

AA. MORRIS CHAIRS.
Binghamton Chair Co., Binghamton, N. Y.
F. H. Connant's Sons, Camden, N. Y.
Alfred E. Stacey, Elbridge, N. Y.

BB. OFFICE CHAIRS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Buckstaff-Edwards Co., Oshkosh, Wis.
E. Barnes & Bro., 198 Canal St., New York.
F. H. Connant's Sons, Camden, N. Y.

		Crocker Chair Co., Sheboygan, Wis.
		A. Cutler & Son, 166 Pearl St., Buffalo, N. Y.
		Delaware Chair Co., Delaware, O.
		Philander Derby & Co., West Gardner, Mass.
		Derby Desk Co., 138 Portland St., Boston, Mass.
		Dunn & Salisbury, Keene, N. H.
		J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
		Grand Rapids School Furniture Co., Grand Rapids, Mich.
		Milwaukee Chair Co., Milwaukee, Wis.
		Parkersburg Chair Co., Parkersburg, W. Va.
		Josiah Partridge & Sons, 358 Pearl St., New York.
		Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
		Stomps-Burkhardt Co., Dayton, O.
		Tidioute Chair Co., Ltd., Tidioute, Pa.
CC.	OPERA CHAIRS.	American Desk Co., 18 E. Van Buren St., Chicago, Ill.
		Andrews Mfg. Co., 65 5th Av., New York.
		A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
		J. W. Fiske, 39 Park Place, New York.
		Grand Rapids School Furniture Co., Grand Rapids, Mich.
		Heywood Bros. & Wakefield Co., Gardner, Mass.
		Jackson Arch. Iron Works, 315 E. 28th St., New York.
		Manitowac Seating Co., Manitowac, Wis.
		Nashua Novelty Works, Nashua, N. H.
		Northwestern Wire Mattress Co., 228 Wabash Av., Chic., Ill.
		Racine Hardware Co., Racine, Wis.
		Readsboro Chair Mfg. Co., Readsboro, Vt.
DD.	PIANO CHAIRS.	Henry Holtzman & Sons, Columbus, O.
		Paine Furniture Co., 48 Canal St., Boston, Mass.
		Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
		Chas. Parker Co., Meriden, Conn.
		Schrenkeisen Co., 25 Elizabeth St., New York.
EE.	POSING CHAIRS.	C. A. Schindler, West Hoboken, N. J.
FF.	PRAYING CHAIRS.	Hale Co., 15 Stone St., New York.
		Milwaukee Chair Co., Milwaukee, Wis.
GG.	RATTAN, REED & WICKER CHAIRS.	Conant, Ball & Co., West Gardner, Mass.
		J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
		Heywood Bros. & Wakefield Co., Gardner, Mass.
		A. Meinecke & Son, Milwaukee, Wis.
		Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
		Whitney Reed Chair Co., Leominster, Mass.
HH.	RECLINING CHAIRS.	A. E. Barnes & Bro., 198 Canal St., New York.
		Barnutz & Diehl, 143 7th Av., New York.
		Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
		Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
		B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
		Thos. Madden, Son & Co., Indianpolis, Ind.
		Marks Adjustable Chair Co., 1144 Broadway, New York.
		New Haven Chair Co., New Haven, Conn.
		Geo. F. Sargent Co., 289 4th Av., New York.
		Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
		Stomps-Burkhardt Co., Dayton, O.
II.	ROCKING CHAIRS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
		S. Bent & Bros., S. Gardner, Mass.
		Binghamton Chair Co., Binghamton, N. Y.
		Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
		Geo. Chipman & Son, Baltimore, Md.
		F. H. Connant's Sons, Camden, N. Y.
		Crocker Chair Co., Sheboygan, Wis.
		Delaware Chair Co., Delaware, O.
		Philander Derby & Co., West Gardner, Mass.
		H. C. Dexter Chair Co., Black River, N. Y.
		John A. Dunn, West Gardner, Mass.
		Dunn & Salisbury, Keene, N. H.
		J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago., Ill.
		Lewis S. Hayes, Cortland, N. Y.
		Heywood Bros. & Wakefield Co., Gardner, Mass.
		Hubbard, Huddleston-Eldredge Co., Rochester, N. Y.
		Jamestown Cane Seat Chair Co., Jamestown, N. Y.
		B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
		Langslow-Fowler Co., Rochester, N. Y.
		Latimer & Adams, Utica, N. Y.
		Thos. Madden, Son & Co., Indianapolis, Ind.
		Marble & Shattuck Chair Co., Bedford, O.
		A. Meinecke & Son, Milwaukee, Wis.
		Murphy, Wasey & Co., Inc., Detroit, Mich.
		Novelty Wood Works, Union City, Pa.

		Parkersburg Chair Co., Parkersburg, W. Va.
		Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
		Schrenkeisen Co., 25 Elizabeth St., New York.
		Alfred E. Stacey, Elbridge, N. Y.
		Stomps-Burkhardt Co., Dayton, O.
		Taylor Chair Co., Bedford, O.
		Tidioute Chair Co., Ltd., Tidioute, Pa.
		F. Vogel & Co., 226 E. 37th St., New York.
JJ.	ROCKING CHAIRS, EXTENSION.	Alfred E. Stacey, Elbridge, N. Y.
KK.	ROCKING CHAIRS, FOLDING.	B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
		Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
LL.	ROCKING CHAIRS, PLATFORM.	Langslow-Fowler Co., Rochester, N. Y.
		Schrenkeisen Co., 25 Elizabeth St., New York.
		Alfred E. Stacey, Elbridge, N. Y.
		F. Vogel & Co., 226 E. 37th St., New York.
MM.	SEDAN CHAIRS.	Geo. F. Sargent Co., 289 4th Av., New York.
		Herbert S. Smith, 81 John St., New York.
		R. M. Wagon & Co., Mt. Lebanon, N. Y.
NN.	SPLINT CHAIRS.	Y. W. Burtch & Co., Jamestown, N. Y.
OO.	STEAMER CHAIRS.	Heywood Bros. & Wakefield Co., Gardner, Mass.
		A. Meinecke & Son, Milwaukee, Wis.
		Josiah Partridge & Sons, 358 Pearl St., New York.
		Readsboro Chair Mfg. Co., Readsboro, Vt.
PP.	STEP LADDER CHAIRS.	Atlas Mfg. Co., Danville, Pa.
		Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
QQ.	STUDENT CHAIRS.	Delaware Chair Co., Delaware, O.
		B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
		Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
RR.	SURGICAL CHAIRS.	W. D. Allison Co., Indianapolis, Ind. *2
		Archer Mfg. Co., Rochester, N. Y.
		Eugene Berninghaus, 1904-1912 Western Av., Cincinnati, O.
		Canton Surg. Dent. Chair Co., Canton, O.
		Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
		Harvard Co., Canton, O.
		Marks Adjustable Chair Co., 1114 Broadway, New York.
		B. D. Miner, Indianapolis, Ind.
SS.	TÊTE-À-TÊTES.	Heywood Bros. & Wakefield Co., Gardner, Mass.
		Robert Mitchell Furn. Co., 111 W. 4th St., Cincinnati, O.
TT.	TYPEWRITERS' CHAIRS.	Stomps-Burkhardt Co., Dayton, O.
UU.	UNDERTAKERS' CHAIRS.	Alfred E. Stacey, Elbridge, N. Y.
VV.	UPHOLSTERED CHAIRS.	Amer. Desk Co., 18 E. Van Buren St., Chicago, Ill.
		Chittenden & Eastman, Burlington, Iowa.
		Crocker Chair Co., Sheboygan, Wis.
		Delaware Chair Co., Delaware, O.
		C. H. Haberkorn & Co., Detroit, Mich.
		G. Henshaw & Sons, Canal & Elm Sts., Cincinnati, O.
		Milwaukee Chair Co., Milwaukee, Wis.
		Alex. H. Revell & Co., Inc., Wabash Av., c. Adams, Chic., Ill.
		Schrenkeisen Co., 25 Elizabeth St., New York.
WW.	VENEER SEAT CHAIRS.	Y. W. Burtch & Co., Jamestown, N. Y.
		J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
		Fort Madison Chair Co., Fort Madison, Iowa.
		Frost Veneer Seeting Co., Sheboygan, Wis.
		Grand Rapids School Furn. Co., Grand Rapids, Mich.
XX.	VERANDA CHAIRS.	Binghamton Chair Co., Binghamton, N. Y.
		Crocker Chair Co., Sheboygan, Wis.
		Delaware Chair Co., Delaware, O.
		J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
		Fort Madison Chair Co., Fort Madison, Iowa.
		Grand Rapids School Furniture Co., Grand Rapids, Mich.
YY.	WINDOW CLEANER CHAIRS.	Van Dorn Iron Works Co., Cleveland, O.
ZZ.	WOOD SEAT CHAIRS.	S. Bent & Bros., S. Gardner, Mass.
		Buckstaff-Edwards Co., Oshkosh, Wis.
		Geo. Chipman & Son, Baltimore, Md.
		Crocker Chair Co., Sheboygan, Wis.
		Delaware Chair Co., Delaware, O.
		Philander Derby & Co., West Gardner, Mass.
		J. S. Ford, Johnson & Co., Ind. Av. & 16th St., Chicago, Ill.
		Fort Madison Chair Co., Fort Madison, Iowa.
		Hale Co., 15 Stone St., New York.
		Heywood Bros. & Wakefield Co., Gardner, Mass.
		A. & H. C. Knowlton, West Gardner, Mass.
		Marietta Chair Co., Inc., Marietta, O.
		Murphy, Wasey & Co., Inc., Detroit, Mich.

Union City Chair Co., Union City, Pa.

602. CHAMBER SUITS.

Abernathy Furniture Co., Kansas City, Mo.
Aertz, Meyers Co., Detroit, Mich.
E. Barnes & Bro., 198 Canal St., New York.
Carrollton Furniture Mfg. Co., Carrollton, Ky.
Chattanooga Furniture Co., Chattanooga, Tenn.
Chittenden & Eastman, Burlington, Iowa.
Thos. Clark & Co., 231 Levant St., Philadelphia, Pa.
Connersville Furniture Mfg. Co., Connersville, Ind.
L. C. & W. L. Cron Co., Piqua, O.
Forest City Furniture Co., Rockford, Ill.
Fort Plain Furniture Co., Fort Plain, N. Y.
Hawks Furniture Co., Goshen, Ind.
Kent Furniture Mfg. Co., Grand Rapids, Mich.
Kreimer & Bro. Co., 9th & Carr Sts., Cincinnati, O.
Luger Furniture Co., N. St. Paul, Minn.
Mattoon Mfg. Co., Sheboygan, Wis.
McLoud & Sparks Furniture Co., Fort Smith, Ark.
Minneapolis Furniture Co., Minneapolis, Minn.
Nelson Matter Furniture Co., Grand Rapids, Mich.
New England Furniture Co., Grand Rapids, Mich.
Otto Furniture Co., Williamsport, Pa.
Josiah Partridge & Sons, 358 Pearl St., New York.
Pentwater Bedstead Co., Pentwater, Mich.
Phoenix Furniture Co., Grand Rapids, Mich.
Pioneer Furniture Co., Eau Claire, Wis.
Posselius Bros. Furniture Mfg. Co., Detroit, Mich.
Rockford Chair & Furniture Co., Rockford, Ill.
Rockford Standard Furniture Co., Rockford, Ill.
Sligh Furniture Co., Grand Rapids, Mich.
Southern Furniture Co., Atlanta, Ga.
Spencer & Barnes, Benton Harbor, Mich.
Tell City Furniture Co., Tell City, Ind.
Wait Furniture Co., Portsmouth, O.
West Michigan Furniture Co., Holland, Mich.
Widdicomb Furniture Co., Grand Rapids, Mich.
Williamsport Furniture Co., Williamsport, Pa.
Winkler Furniture Co., Lexington, Mo.

603. CHIFFONIERS.

Abernathy Furniture Co., Kansas City, Mo.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
Carrollton Furniture Mfg. Co., Carrollton, Ky.
Thos. Clark & Co., 231 Levant St., Philadelphia, Pa.
Connersville Furniture Co., Connersville, Ind.
Fort Plain Furniture Co., Fort Plain, N. Y.
Hawks Furniture Co., Goshen, Ind.
Hodell Furniture Co., Shelbyville, Ind.
Kent Furniture Mfg. Co., Grand Rapids, Mich.
Kreiner & Bro. Co., 9th & Carr Sts., Cincinnati, O.
Luger Furniture Co., N. St. Paul, Minn.
Mattoon Mfg. Co., Sheboygan, Wis.
McLoud & Sparks Furniture Co., Fort Smith, Ark.
Minneapolis Furniture Co., Minneapolis, Minn.
Nelson Matter Furniture Co., Grand Rapids, Mich.
Otto Furniture Co., Williamsport, Pa.
Josiah Partridge & Sons, 358 Pearl St., New York.
Pentwater Bed Co., Pentwater, Mich.
Pioneer Furniture Co., Eau Claire, Wis.
Rockford Chair & Furniture Co., Rockford, Ill.
Royal Furniture Co., Grand Rapids, Mich.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Sligh Furniture Co., Grand Rapids, Mich.
Spencer & Barnes, Benton Harbor, Mich.
Wait Furniture Co., Portsmouth, O.
West Michigan Furniture Co., Holland, Mich.
Widdicomb Furniture Co., Grand Rapids, Mich.
Williamsport Furniture Co., Williamsport, Pa.
Martin Worn Mfg. Co., 100 Humboldt St., Brooklyn, N. Y.

604. CHINA CLOSETS.

Central Furniture Co., Rockford, Ill.
Continental Cabinet Co., Court St., Cincinnati, O.
Linwood Furniture Co., Linwood, O.
J. W. Mason & Co., 406 Pearl St., New York.
Joseph S. Miller, 1210 Ridge Av., Philadelphia, Pa.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
New England Furniture Co., Grand Rapids, Mich.
Rockford Co-operative Furniture Co., Rockford, Ill.
E. Schloss & Co., 504 Cherry St., New York.

Schrenkeisen Co., 25 Elizabeth St., New York.
Sprague, Smith & Co., 72-84 Moffat St., Chicago, Ill.
H. H. Wiggers & Sons Furniture Co., Cincinnati, O.

605. COMMODES.

Ballman-Cummings Furniture Co., Fort Smith, Ark.
Buckstaff-Edwards Co., Oshkosh, Wis.
Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Crocker Chair Co., Sheboygan, Wis.
Albert H. Davenport, 96 Washington St., Boston, Mass.
Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.
Wm. Heaf, Muskegon, Mich.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
F. H. Logeman Chair Mfg. Co., 2000 N. Main, St. Louis, Mo.
L. H. Mace & Co., 117 E. Houston St., New York.
McCracken & Hall, 116 Edward St., Philadelphia, Pa.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Udell Works, Indianapolis, Ind.

A. SANITARY COMMODES.

Geo. F. Sargent Co., 289 4th Av., New York.

606. COTS.

Foster Bros. Mfg. Co., Utica, N. Y.
Lathrop & Co., Utica, N. Y.
Minneapolis Bedding Co., Minneapolis, Minn.
Murphy, Wasey & Co., Detroit, Mich.
N. Western Wire Mattress Co., 228 Wabash Av., Chicago, Ill.
Pack & Sons Mfg. Co., 12th St. & Washington Av., Phila., Pa.

A. ARMY COTS.

Gold Medal Camp Furniture & Novelty Co., Racine, Wis.

B. CANVAS COTS.

Foster Bros. Mfg. Co., Utica, N. Y.
Grand Rapids Mattress Co., Grand Rapids, Mich.
Hard Mfg Co., Buffalo, N. Y.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
J. H. Lloyd, 1416 Walnut St., Kansas City, Mo.
Missouri Tent & Awning Co., 218 Chestnut St., St. Louis, Mo.
N. Western Wire Mattress Co., 228 Wabash Av., Chicago, Ill.

C. FOLDING COTS.

A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Cold Blast Feather Co., 45 W. Van Buren St., Chicago, Ill.
Foster Bros. Mfg. Co., Utica, N. Y.
Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
Grand Rapids Mattress Co., Grand Rapids, Mich.
Grand Rapids Portable House Co., Grand Rapids, Mich.
Haggard & Marcusson Co., 409 S. Canal St., Chicago, Ill.
Francis A. Hall, 120 Baxter St., New York.
Hard Mfg. Co., Buffalo, N. Y.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Geo. Heyman, 103 Mott St., New York.
N. Western Wire Mattress Co., 228 Wabash Av., Chicago, Ill.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Smith & Davis Mfg. Co., Lucas Av. & 23d St., St. Louis, Mo.

D. IRON COTS.

Foster Bros. Mfg. Co., Utica, N. Y.
Grand Rapids Mattress Co., Grand Rapids, Mich.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Lathrop & Co., Utica, N. Y.
N. Western Wire Mattress Co., 228 Wabash Av., Chicago, Ill.
Union Wire Mattress Co., 73 Erie St., Chicago, Ill.

E. SEAMLESS TISSUE COTS.

Miller Rubber Mfg. Co., Akron, O.

F. WIRE COTS.

Bloom & Godley, Trenton, N. J.
Foster Bros. Mfg. Co., Utica, N. Y.
John P. Fowler, 1434 Wabash Av., Chicago, Ill.
Grand Rapids Mattress Co., Grand Rapids, Mich.
Haggard & Marcusson Co., 409 S. Canal St., Chicago, Ill.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
J. H. Lloyd, 1416 Walnut St., Kansas City, Mo.
N. Western Wire Mattress Co., 228 Wabash Av., Chicago, Ill.

607. COUCHES.

Abernathy Furniture Co., Kansas City, Mo.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
M. Clune & Son, 1402 Meridian St., Indianapolis, Ind.
Conrad Haase, 719 Main St., Evansville, Ind.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Jamestown Lounge Co., Jamestown, N. Y.
B. A. Kipp Co., 155 Huron St., Milwaukee, Wis.
Lathrop & Co., Utica, N. Y.
Pack & Sons Mfg. Co., 12th St. & Washington Av., Phila., Pa.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Schmitt & Henry Mfg. Co., Des Moines, Iowa.
Sudholt Lounge Co., St. Louis, Mo.

A. ADJUSTABLE COUCHES.	Geo. F. Sargent Co., 289 4th Av., New York.
B. BED COUCHES.	M. Clune & Son, 1402 S. Meridian St., Indianapolis, Ind.
	Jamestown Lounge Co., Jamestown, N. Y.
C. RATTAN COUCHES.	Heywood Bros. & Wakefield Co., Gardner, Mass.
D. WARDROBE COUCHES.	Jamestown Lounge Co., Jamestown, N. Y.
608. CRADLES.	Buckstaff-Edwards Co., Oshkosh, Wis.
	Crocker Chair Co., Sheboygan, Wis.
	Fletcher & Webster Furniture Co., Nashua, N. H.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Kenosha Crib Co., Kenosha, Wis.
	F. H. Logeman Chair Mfg. Co., 2000 N. Main, St. Louis, Mo.
	Mattoon Mfg. Co., Sheboygan, Wis.
	A. Meinecke & Son, Milwaukee, Wis.
	Niemann & Weinhardt Table Co., 392 N. Wood, Chicago, Ill.
	N. Western Wire Mattress Co., 228 Wabash Av., Chicago, Ill.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
A. AUTOMATIC ROCKING CRADLES.	American Novelty Co., Stevens Point, Wis.
B. BRASS CRADLES.	Hartford Woven Wire Mattress Co., Hartford, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
C. IRON CRADLES.	Ames & Frost Co., 325 Wabash Av., Chicago, Ill.
	Champion Iron Co., Kenton, O.
	J. W. Fiske, 39 Park Place, New York.
	Whitcomb Metallic Bedstead Co., Shelton, Conn.
D. RATTAN & REED CRADLES.	Heywood Bros. & Wakefield Co., Gardner, Mass.
609. CRIBS.	Betts Street Furniture Co., 224 Betts St., Cincinnati, O.
	Cold Blast Feather Co., 45 W. Van Buren St., Chicago, Ill.
	A. H. Davenport, 96 Washington St., Boston, Mass.
	Fletcher & Webster Furn. Co., Nashua, N. H.
	Foster Bros. Mfg. Co., Utica, N. Y.
	Haggard & Marcusson Co., 407 S. Canal St., Chicago, Ill.
	Kenosha Crib Co., Kenosha, Wis.
	Laban, Morse & Sons, Athol, Mass.
	Lathrop & Co., Utica, N. Y.
	Mann Bros., Milwaukee, Wis.
	Minneapolis Bedding Co., Minneapolis, Minn.
	Murphy, Wasey & Co., Detroit, Mich.
	N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
	Josiah Partridge & Sons, 358 Pearl St., New York.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
A. BRASS CRIBS.	Hartford Woven Wire Mattress Co., Hartford, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
B. FOLDING CRIBS.	Fletcher & Webster Furn. Co., Nashua, N. H.
	Foster Bros. Mfg. Co., Utica, N. Y.
	Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.
	Kenosha Crib Co., Kenosha, Wis.
	N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
	John B. Rohrer, 1222 Shackamaxon Av., Philadelphia, Pa.
C. IRON CRIBS.	Foster Bros. Mfg. Co., Utica, N. Y.
	Hartford Woven Wire Mattress Co., Hartford, Conn.
	Kenosha Crib Co., Kenosha, Wis.
	N. Western Wire Mattress Co., 224 Wabash Av., Chicago, Ill.
	Union Wire Mattress Co., 73 Erie St., Chicago, Ill.
D. RATTAN & REED CRIBS.	Heywood Bros. & Wakefield Co., Gardner, Mass.
610. CUPBOARDS.	Abernathy Furniture Co., Kansas City, Mo.
	C. Geiger & Son, Defiance, O.
	Thos. Madden, Son & Co., Indianapolis, Ind.
	Mattoon Mfg. Co., Sheboygan, Wis.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
611. CUSHIONS.	
A. AIR CUSHIONS.	B. T. Goodrich Co., Akron, O.
	Pneumatic Mattress & Cushion Co., Reading, Mass.
	Tyer Rubber Co., Andover, Mass.
B. BOAT CUSHIONS.	Geo. W. Bent & Co., 10 Charlestown St., Boston, Mass.
	John Boyle & Co., 199 Fulton St., New York.
	John F. McHugh, 1263 Broadway, New York.
	Ostermoor & Co., 116 Elizabeth St., New York.
	Sperry & Beale, 39 Union Sq., W., New York.
C. CHAIR CUSHIONS.	F. F. Avery, S. Framingham, Mass.
	Geo. W. Bent & Co., 10 Charlestown St., Boston, Mass.
	Ostermoor & Co., 116 Elizabeth St., New York.
D. CHURCH CUSHIONS.	F. F. Avery, S. Framingham, Mass.

Geo. W. Bent & Co., 10 Charlestown St., Boston, Mass.
Ostermoor & Co., 116 Elizabeth St., New York.
P. Rogers & Co., 264 6th Av., New York.
Sperry & Beale, 39 Union Sq., W., New York.

E. DOWN CUSHIONS.
Sanitary Feather Co., 249 S. Canal St., Chicago, Ill.

F. INVALID CUSHIONS.
B. F. Goodrich Co., Akron, O.
Tyres Rubber Co., Andover, Mass.

612. DESKS.
Columbia Folding Bed Co., 200 Canal St., New York.
Globe Co., 1223 W. 8th St., Cincinnati, O.
Monitor Co., Moodus, Conn.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.
A. Petersen & Co., 15 Armour St., Chicago, Ill.
M. Winter Lumber Co., Sheboygan, Wis.

A. ADJUSTABLE READING DESKS.
Geo. F. Sargent Co., 287 4th Av., New York.

B. CASHIERS' DESKS.
A. Petersen & Co., 15 Armour St., Chicago, Ill.

C. CHILDREN'S DESKS.
Leonard Mfg. Co., Grand Rapids, Mich.
Paris Mfg. Co., S. Paris, Me.

D. COMBINATION DESKS.
C. G. Brown Furniture Co., Syracuse, N. Y.

E. CYLINDER DESKS.
Thomas Clark & Co., 231 Levant St., Philadelphia, Pa.
Hemmer Bros., Newark, N. J.

F. FLAT TOP DESKS.
J. Dornette & Bros., 1250 Harrison Av., Cincinnati, O.
Horrocks Desk Co., Herkimer, N. Y.
Minneapolis Office & School Furn. Co., Minneapolis, Minn.
A. Petersen & Co., 15 Armour St., Chicago, Ill.
Rand & Leopold Desk Co., Burlington, Iowa.

G. LADIES' DESKS.
Ballman-Cummings Furniture Co., Fort Smith, Ark.
C. G. Brown Furniture Co., Syracuse, N. Y.
Central Furniture Co., Rockford, Ill.
Copeland & Durgin Co., 126 Jay St., Rochester, N. Y.
Cron, Kills & Co., Piqua, O.
Grand Rapids Chair Co., Grand Rapids, Mich.
Kent Furniture Mfg. Co., Grand Rapids, Mich.
Oriel Cabinet Co., Grand Rapids, Mich.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Paris Manufacturing Co., S. Paris, Me.
Rockford Co-operative Furniture Co., Rockford, Ill.
Royal Furniture Co., Grand Rapids, Mich.
Sligh Furniture Co., Grand Rapids, Mich.
Udell Works, Indianapolis, Ind.

H. LIBRARY DESKS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
Thomas Kelsall Co., McLean Av. & Richmond St., Cinn., O.
Luger Furniture Co., N. St. Paul, Minn.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.

I. METALLIC DESKS.
Fenton Metallic Mfg. Co., Jamestown, N. Y.

J. OFFICE DESKS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.
Burlington School Furniture Co., Burlington, Iowa.
Central Mfg. Co., 41 Armour St., Chicago, Ill.
Thomas Clark & Co., 231 Levant St., Philadelphia, Pa.
A. Cutler & Son, Buffalo, N. Y.
Derby Desk Co., 138 Portland St., Boston, Mass.
J. Dornette & Bro., 1250 Harrison Av., Cincinnati, O.
Globe Co., 1223 W. 8th St., Cincinnati, O.
Hamilton Mfg. Co., Two Rivers, Wis.
Hemmer Bros., Newark, N. J.
T. Kelsall Co., McLean Av. & Richmond St., Cincinnati, O.
H. Lauter, Indianapolis, Ind.
O. C. S. Olsen & Co., Peoria & Kinzie Sts., Chicago, Ill.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Paris Manufacturing Co., S. Paris, Me.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Wm. Schwarzwaelder Co., 343 Broadway, New York.
T. G. Sellew, 111 Fulton St., New York.
Sidney School Furniture Co., Sidney, O.
Tell City Desk Co., Tell City, Indiana.
U. S. Desk & Office Fitting Co., Wabash Av., Chicago, Ill.
Valley City Desk Co., Grand Rapids, Mich.
Winkler Furniture Co., Lexington, Mo.

K. ROLL TOP DESKS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. E. Barnes & Bro., 198 Canal St., New York.
Buffalo School Furniture Co., Buffalo, N. Y.
A. Cutler & Son, Buffalo, N. Y.
Derby Desk Co., 138 Portland St., Boston, Mass.

J. Dornette & Bro., 1250 Harrison Av., Cincinnati, O.
Hemmer Bros., Newark, N. J.
Horrocks Desk Co., Herkimer, N. Y.
Minneapolis Office & School Furn. Co., Minneapolis, Minn.
Paris Manufacturing Co., S. Paris, Me.
A. Petersen & Co., 15 Armour St., Chicago, Ill.
Rand & Leopold Desk Co., Burlington, Iowa.
T. G. Sellew, 111 Fulton St., New York.
U. S. Desk & Office Fitting Co., Wabash Av., Chicago, Ill.
Valley City Desk Co., Grand Rapids, Mich.

L. SCHOOL DESKS.
American Desk Co., 18 E. Van Buren, Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Bardwell-Anderson Co., Boston, Mass.
A. Bliss Mfg. Co., Pawtucket, R. I.
Buffalo School Furniture Co., Buffalo, N. Y.
Burkhardt Furniture Co., Dayton, O.
Burlington School Furniture Co., Burlington, Iowa.
O. D. Case & Co., Hartford, Conn.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Ohio Rake Co., Dayton, O.
Sherwood Company, Lincoln & 14th Sts., Chicago, Ill.
Sidney School Furniture Co., Sidney, O.
S. A. Smith & Co., Brattleboro, Vt.
Straight Wood Co., Greenfield, Ind.

M. STANDING DESKS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.
J. Dornette & Bro., 1250 Harrison Av., Cincinnati, O.
Hemmer Bros., Newark, N. J.
Minn. Office & School Furn. Co., Minneapolis, Minn.
A. Petersen & Co., 15 Armour St., Chicago, Ill.
Rand & Leopold Desk Co., Burlington, Iowa.
U. S. Desk & Office Fitting Co., 246 Wabash Av., Chicago, Ill.

N. TEACHERS' DESKS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.
Burlington School Furniture Co., Burlington, Iowa.
O. D. Case & Co., Hartford, Conn.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Thomas Kelsall Co., McLean Av. & Richmond Sts., Cinn., O.
Ohio Rake Co., Dayton, O.
Sidney School Furniture Co., Sidney, O.

O. TYPEWRITER DESKS.
A. Petersen & Co., 15 Armour St., Chicago, Ill.

P. WALL WRITING DESKS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.

613. DIVANS.
Joseph Bub Co., Milwaukee, Wis.
McLeod & Smith, Minneapolis, Minn.
Adolph I. Namm, 452 Fulton St., Brooklyn, N. Y.
Michael F. Phinney, Boston, Mass.
Schrenkeisen Co., 25 Elizabeth St., New York.
Geo. W. Smith & Co., 3007 Powelton Av., Philadelphia, Pa.

614. DRESSERS.
Aertz, Myers Company, Detroit, Mich.
Forest City Furniture Co., Rockford, Ill.
Grand Rapids Chair Co., Grand Rapids, Mich.
Hodell Furniture Co., Shelbyville, Ind.
Minneapolis Furniture Co., Minneapolis, Minn.
New England Furniture Co., Grand Rapids, Mich.
Pentwater Bed Co., Pentwater, Mich.
L. Puster & Co., Evansville, Indiana.
Rockford Co-operative Furniture Co., Rockford, Ill.
Royal Furniture Co., Grand Rapids, Mich.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Sligh Furniture Co., Grand Rapid, Mich.
West Michigan Furniture Co., Holland, Mich.
Williamsport Furniture Co., Williamsport, Pa.

615. DRESSING CASES.
Abernathy Furniture Co., Kansas City, Mo.
Albert H. Davenport, 96 Washington St., Boston, Mass.
Schmit Bros., Trunk Co., Oshkosh, Wis.
Spencer & Barnes, Benton Harbor, Mich.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Chas. T. Wilt, 40 Madison St., Chicago, Ill.

616. EASELS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Jas. W. Cooper, 1706 Washington Av., Philadelphia, Pa.
Essex Wood Turning Co., Essex, Conn.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
A. Meinecke & Son, Milwaukee, Wis.
Meriden Bronze Co., Meriden, Conn.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.

New York Book Slate Co., 68 Church St., New York.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Schaber, Reinthal & Co., Cleveland, O.
Schrenkeisen Co., 25 Elizabeth St., New York.
J. R. Webber Moulding Co., 21st & Cross Av., St. Louis, Mo.

A. BAMBOO EASELS.
Aimone Mfg. Co., 430 E. 23d St., New York.
O. D. Case & Co., Hartford, Conn.
A. Meinecke & Son, Milwaukee, Wis.

B. BRASS EASELS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Conover Fireplace Mfg. Co., 7 W. 30th St., New York.
H. L. Judd & Co., 87 Chambers St., New York.
Meriden Malleable Iron Co., Meriden, Conn.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

C. RATTAN & WICKER EASELS.
Heywood Bros. & Wakefield Co., Gardner, Mass.
A. Meinecke & Son, Milwaukee, Wis.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

617. FILING DEVICES.

A. BOXES, DOCUMENT.
A. B. Dick Co., 152 Lake St., Chicago, Ill.
Fenton Metallic Mfg. Co., Jamestown, N. Y.
Globe Co., 1223 W. 8th St., Cincinnati, O.
A. J. Wells Mfg. Co., 248 Tallman St., Syracuse, N. Y.

B. CABINETS, FILING.
Amberg File & Index Co., 71 Lake St., Chicago, Ill.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Brown & Besley, Inc., 12 N. Canal St., Chicago, Ill.
A. B. Dick Co., 152 Lake St., Chicago, Ill.
J. F. Diemer, 67 Cortlandt St., New York.
Globe Co., 1223 W. 8th St., Cincinnati, O.
Horrocks Desk Co., Herkimer, N. Y.
Piqua Copying Machine Co., Piqua, O.
C. F. Rumpp & Sons, s. w. c. N. 5th & Cherry Sts., Phila., Pa.
U. S. Desk & Office Fitting Co., Wabash Av., Chicago, Ill.
H. C. Underwood Mfg. Co., Wabash, Ind.
A. J. Wells Mfg. Co., 248 Tallman St., Syracuse, N. Y.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

C. CASES, FILING.
Amberg File & Index Co., 71 Lake St., Chicago, Ill.
John F. Diemer, 67 Cortlandt St., New York.
Globe Co., 1223 W. 8th St., Cincinnati, O.
Sidney Shepard & Co., Buffalo, N. Y.
U. S. Desk & Office Fitting Co., Wabash Av., Chicago, Ill.

D. CASES, LEGAL BLANK.
A. B. Dick Co., 152 Lake St., Chicago, Ill.
U. S. Desk & Office Fitting Co., Wabash Av., Chicago, Ill.

E. CASES, PIGEON HOLE.
J. Dornette & Bro., 1250 Harrison Av., Cincinnati, O.
Fenton Metallic Mfg. Co., Jamestown, N. Y.
Globe Co., 1223 W. 8th St., Cincinnati, O.
U. S. Desk & Office Fitting Co., Wabash Av., Chicago, Ill.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

F. FILES, BILL.
Amberg File & Index Co., 71 Lake St., Chicago, Ill.
Fenton Metallic Mfg. Co., Jamestown, N. Y.
Globe Co., 1223 W. 8th St., Cincinnati, O.
H. L. Judd & Co., 87 Chambers St., New York.
Sam'l C. Tatum Co., Water & John Sts., Cincinnati, O.
Wrightsville Hardware Co., Wrightsville, Pa.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

G. FILES, LETTER.
Amberg File & Index Co., 71 Lake St., Chicago, Ill.
Brown & Besley, Inc., 12 N. Canal St., Chicago, Ill.
A. B. Dick Co., 152 Lake St., Chicago, Ill.

H. METALLIC LETTER FILES.
Fenton Metallic Mfg. Co., Jamestown, N. Y.
Globe Co., 1223 W. 8th St., Cincinnati, O.
A. J. Wells Mfg. Co., 248 Tallman St., Syracuse, N. Y.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

I. PAMPHLET FILES.
Milton Bradley Co., Springfield, Mass.
Globe Co., 1223 W. 8th St., Cincinnati, O.

618. FIXTURES, BARBERS'.
Hamilton Furniture Co., W. Passy'k Av., c. S. 23d, Phila., Pa.
Keenan Bros. Mfg. Co., 200 Washington St., Chicago, Ill.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.

619. FIXTURES, BUTCHERS'.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Belding-Hall Mfg. Co., Belding, Mich.
Cincinnati Butchers' Supply Co., 872 Central Av., Cinn., O.
Dann Bros. & Co., 80 Franklin St., New Haven, Conn.
Thos. Farrell, 328 W. 41st St., New York.
Edward Marscheider, 763 1st St., New York.

620. FIXTURES, CHURCH.

A. CHURCH ALTARS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.

Grand Rapids School Furniture Co., Grand Rapids, Mich.
J. & R. Lamb, 59 Carmine St., New York.
Manitowac Seating Co., Manitowac, Wis.
Stoltzenberg Co., 51 Barclay St., New York.

B. CHURCH ORNAMENTS.
Benziger Bros., 36 Barclay St., New York.
W. J. Feeley Co., 185 Eddy St., Providence, R. I.
Stoltzenberg Co., 51 Barclay St., New York.
Thackara Mfg. Co., 1606 Chestnut St., Philadelphia, Pa.

C. CHURCH PEW BOOK RACKS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.

D. CHURCH PEW ENDS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
J. & R. Lamb, 59 Carmine St., New York.

E. CHURCH PEWS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Brooklyn Furniture Co., 563 Fulton St., Brooklyn, N. Y.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
J. & R. Lamb, 59 Carmine St., New York.
Manitowoc Seating Co., Manitowoc, Wis.

F. CHURCH SEATS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Brooklyn Furniture Co., 563 Fulton St., Brooklyn, N. Y.
J. & R. Lamb, 59 Carmine St., New York.
Titusville Elastic Chair Co., Ltd., Titusville, Pa.

G. PULPITS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Albert H. Davenport, Boston, Mass.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Manitowoc Seating Co., Manitowoc, Wis.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
Stoltzenberg Co., 51 Barclay St., New York.
Winkler Furniture Co., Lexington, Mo.

621. FIXTURES, COURT HOUSE.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

622. FIXTURES, GROCERS'.
Joseph Lage, cor. 6th & Main Sts., Cincinnati, O.
R. G. Wright & Co., Buffalo, N. Y.

623. FIXTURES, LIBRARY, STEEL & BRONZE.
Fenton Metallic Mfg. Co., Jamestown, N. Y.

624. FIXTURES, OFFICE.
Columbia Folding Bed Co., 200 Canal St., New York.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Fenton Metallic Mfg. Co., Jamestown, N. Y.
Joseph Knittel Show Case Co., Quincy, Ill.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.
Rochester S. Case Works, 183 N. Water St., Rochester, N. Y.
Joseph Weaver & Sons, Canton, O.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

A. BANK FIXTURES.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Andrews Mfg. Co., 65 5th Av., New York.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
Buffalo School Furniture Co., Buffalo, N. Y.
Champlain Mfg. Co., Burlington, Vt.
C. Ehman & Co., 1201 W. Superior St., Chicago, Ill.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Fenton Metallic Mfg. Co., Jamestown, N. Y.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Hall & Garrison, 1126 Wash. Av., Philadelphia, Pa.
Hemmer Bros., Newark, N. J.
Joseph Knittel Show Case Co., Quincy, Ill.
C. W. Lawrence, Saratoga Springs, N. Y.
Ohio Furniture Co., Columbus, O.
Geo. H. Stahl, Quincy, Ill.
U. S. Desk & Office Fitting Co., Wabash Av., Chicago, Ill.
Joseph Weaver & Sons, Canton, O.
Wiler Mfg. Co., Milwaukee, Wis.
M. Winter Lumber Co., Sheboygan, Wis.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

B. BRASS WORK.
Grand Rapids School Furn. Co., Grand Rapids, Mich.
Minneapolis Wire & Iron Works, Minneapolis, Minn.

C. CHECK STANDS.
Grand Rapids School Furn. Co., Grand Rapids, Mich.

D. COUPON CASES.
Rand-Avery Supply Co., 117 Franklin St., Boston, Mass.
Chas. T. Wilt, 14 Moore St., Chicago, Ill.

E. DESK RACKS.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
H. M. Quackenbush, Herkimer, N. Y.

F. OFFICE GRATINGS.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.

G. PLATED COUNTER RAILS.
H. L. Judd & Co., 87 Chambers St., New York.
Norwich Nickel & Brass Co., Norwich, Conn.

H. RAILINGS, BANK & OFFICE.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
Cheney Bigelow Wire Works, Springfield, Mass.
J. E. Bolles Iron & Wire Goods Co., Detroit, Mich.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
Buffalo School Furn. Co., Buffalo, N. Y.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Edward Darby & Son, 233 Arch St., Philadelphia, Pa.
Henry E. Deane & Co., Worcester, Mass.
Donovan Wire & Iron Works, Toledo, O.
Dow Wire Works Co., Louisville, Ky.
Grand Rapids Brass Co., Grand Rapids, Mich.
Hopkins & Co., 90 W. Broadway, New York.
Howard & Morse, 45 Fulton St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Manhattan Brass Co., 328 E. 28th St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
Norwich Nickel & Brass Co., Norwich, Conn.
Pittsburg Lamp & Brass Co:, Allegheny City, Pa.
Van Dorn Iron Works Co., Cleveland, O.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

I. RAILINGS, COUNTER.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Howard & Morse, 45 Fulton St., New York.
Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Norwich Nickel & Brass Co., Norwich, Conn.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

J. R. R. TICKET CASES.
Hamilton Mfg. Co., Two Rivers, Wis.
New Haven Clock Co., New Haven, Conn.
Rand-Avery Supply Co., 117 Franklin St., Boston, Mass.

K. TELEPHONE CLOSETS & CABINETS.
Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
Wabash Cabinet Co., Wabash, Ind.

625. FIXTURES, SALOON.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
Keenan Bros. Mfg. Co., 200 Wash. St., Chicago, Ill.
Ohio Furniture Co., Columbus, O.
Geo. H. Stahl, Quincy, Ill.

A. BAR FIXTURES.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
Hall & Garrison, 1126 Wash. Av., Philadelphia, Pa.
Keenan Bros. Mfg. Co., 200 Wash. St., Chicago, Ill.
Joseph Knittel Show Case Co., Quincy, Ill.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.
Rochester S. Case Works, 183 N. Water St., Rochester, N. Y.
B. A. Stevens, Toledo, O.

B. FOOT RAILS.
M. Seward & Son Co., New Haven, Conn.

626. FIXTURES, SCHOOL.
I. P. Frink, 551 Pearl St., New York.

A. BLACKBOARDS, FOLDING.
A. Meinecke & Son, Milwaukee, Wis.
Whitney Reed Chair Co., Leominster, Mass.

B. BLACKBOARDS, SLATE.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.

C. BLACKBOARD SUPPORTS.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Munger & Son, East River, Conn.
N. Y. Silicate Book Slate Co., 68 Church St., New York.

D. CHALK RACKS.
Munger & Son, East River, Conn.
W. S. Reed & Co., Leominster, Mass.

E. SCHOOL SEATS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Andrews Mfg. Co., 65 5th Av., New York.
Buffalo School Furniture Co., Buffalo, N. Y.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Thos. Kane & Co., Racine, Wis.
Ohio Rake Co., Dayton, O.
Sherwood Co., Lincoln & 14th Sts., Chicago, Ill.
Sidney School Furniture Co., Sidney, O.

627. FIXTURES, STORE.
Champlain Mfg. Co., Burlington, Vt.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Joseph Knittel Show Case Co., Quincy, Ill.
Muscatine Sash-Door Co., Muscatine, Iowa.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.
Ramos Lumber & Mfg. Co., Ltd., Ramos, La.
Rochester S. Case Works, 183 N. Water St., Rochester, N. Y.
M. Winter Lumber Co., Sheboygan, Wis.

A. ALARM TILLS.
Chicago Scale Co., 296 Jackson Boulevard, Chicago, Ill.

	Miles Alarm Till Mfg. Co., Providence, R. I.
B. BOXES, STEEL, SHELF.	W. J. Clark Co., Salem, O.
C. BUNDLE CARRIERS.	Estate of E. A. Burgess, New Haven, Conn.
	Lamson Cons. Store Service Co., 89 State St., Boston, Mass.
	Jos. Starr, New London, Conn.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
D. CASH CARRIERS.	Estate of E. A. Burgess, New Haven, Conn.
	Lamson Cons. Store Service Co., 89 State St., Boston, Mass.
	Jos. Starr, New London, Conn.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
E. CASH REGISTERS.	American Mfg. Co., Waynesboro, Pa.
	Hough Cash Recorder Co., Indian Orchard, Mass. *16
	Model Mfg. Co. of Penn., 195 Huntington St., Phila., Pa.
	Samuel Nafew Co., 392 Broadway, New York.
	National Cash Register Co., Dayton, O.
	New Columbia Watch Co., Columbus, O.
	Rochester Cash Register Co., Court St., Rochester, N. Y.
	F. E. Woodward, Hill, N. H.
F. COUNTERS & SHELVES.	American Desk Co., 18 E. Van Buren St., Chicago, Ill.
	A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
	M. A. Disbrow & Co., Inc., Omaha, Neb.
	Golding & Co., 177 Fort Hill Sq., Boston, Mass.
	Grand Rapids School Furniture Co., Grand Rapids, Mich.
	Keenan Bros. Mfg. Co., 200 Wash. St., Chicago, Ill.
	Monson-Burmah Slate Co., Portland, Me.
	Newton Lumber Co., Pueblo, Col.
	Ramos Lumber & Mfg. Co., Ltd., Ramos, La.
	J. Gibb Smith Co., New Haven, Conn.
	T. M. Walker & Co., Springfield, Mass.
	M. Winter Lumber Co., Sheboygan, Wis.
G. METALLIC COUNTER SCREENS.	Fenton Metallic Mfg. Co., Jamestown, N. Y.
H. OIL CABINETS.	New York Oil Cabinet Co., 180 Cherry St., New York.
I. ROLL PAPER HOLDERS.	Albany Perforated Wrapping Paper Co., Albany, N. Y.
	American Roll Paper Co., 207 N. 2d St., St. Louis, Mo.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.

628. FIXTURES, STORE DISPLAY.

	Estate of E. A. Burgess, New Haven, Conn.
A. BOLT & SCREW CASES.	American Bolt & Screw Case Co., Dayton, O.
B. BOOT & SHOE DISPLAY FIXTURES.	C. H. Ellert, Evansville, Ind.
	J. K. Krieg & Co., 39 Warren St., New York.
	Norwich Nickel & Brass Co., Norwich, Conn.
	Jos. R. Palmenberg's Sons, 710 Broadway, New York.
C. DISPLAY CABINETS.	W. D. Allison Co., Indianapolis, Ind. *2
	H. C. Underwood Mfg. Co., Wabash, Ind.
D. DISPLAY FIXTURES.	Clark Novelty Co., 380 Exchange St., Rochester, N. Y.
	Du Mont Tool Co., 63 Chandler St., Buffalo, N. Y.
	Faries Mfg. Co., Decatur, Ill.
	H. L. Judd & Co., 87 Chambers St., New York.
	J. K. Krieg & Co., 39 Warren St., New York.
	Norwich Nickel & Brass Co., Norwich, Conn.
	Jos. R. Palmenberg's Sons, 710 Broadway, New York.
E. DRAPING STANDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Norwich Nickel & Brass Co., Norwich, Conn.
	Jos. R. Palmenberg's Sons, 710 Broadway, New York.
	Wm. Strauss, 417 Arch St., Philadelphia, Pa.
F. DRYGOODS DISPLAYERS.	Du Mont Tool Co., 63 Chandler St., Buffalo, N. Y.
	Jos. R. Palmenberg's Sons, 710 Broadway, New York.
G. HATTERS' DISPLAY FIXTURES.	Du Mont Tool Co., 63 Chambers St., Buffalo, N. Y.
	Norwich Nickel & Brass Co., Norwich, Conn.
	J. R. Palmenberg's Sons, 710 Broadway, New York.
H. JEWELERS' CASES.	Hughes, Simpson & Co., Troy, N. Y.
	H. C. Underwood Mfg. Co., Wabash, Ind.
I. MARKET FIXTURES.	B. A. Stevens, Toledo, O.
J. NEEDLE CABINETS.	Albert H. Davenport, 96 Washington St., Boston, Mass.
	H. C. Underwood Mfg. Co., Wabash, Ind.
K. SHOW CASES.	Chas. F. Biele, 143 W. Broadway, New York.
	Jas. E. Berry, 61 Dearborn Av., Chicago, Ill.
	Chas. Bodach, 160 5th Av., Chicago, Ill.
	G. F. Culmer & Bros., Salt Lake City, Utah.
	Exhibition Show Case Co., Erie, Pa.
	E. Hewitt & Co., Denver, Col.
	Kansas City Show Case Works, Kansas City, Mo.
	Joseph Knittel Show Case Co., Quincy, Ill.
	H. Kruse & Co., 86 Main St., Cincinnati, O.
	H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.

L. Paulle, Minneapolis, Minn.
John Phillips & Co., Ltd., Detroit, Mich.
Pittsburg Show Case Co., Ltd., Pittsburg, Pa.
Fred. Pollard, Cleveland, O.
Rochester Show Case Works, N. Water St., Rochester, N. Y.
Schmitt & Co., 70 Main St., Cincinnati, O.
N. & P. Scott, 448 Canal St., New York.
Geo. H. Stahl, Quincy, Ill.
C. D. Widman & Co., Detroit, Mich.
M. Winter Lumber Co., Sheboygan, Wis.

L. SHOW CASES, KNOCKED DOWN. M. Winter Lumber Co., Sheboygan, Wis.

M. SHOW CASES, REVOLVING. John Danner Mfg. Co., Canton, O.

N. SHOW CASE STANDS. Henry Braumoeller & Son, 92 W. Van Buren, Chicago, Ill.
J. W. Fiske, 39 Park Place, New York.
H. Kruse & Co., 86 Main St., Cincinnati, O.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Norwich Nickel & Brass Co., Norwich, Conn.

O. SHOW FIGURES. Jos. R. Palmenberg's Sons, 710 Broadway, New York.
A. Schoenhut Co., 2215 Adams St., Philadelphia, Pa.
Wm. Strauss, 417 Arch St., Philadelphia, Pa.

P. SILK CABINETS. Florence Machine Co., Florence, Mass.
H. C. Underwood Mfg. Co., Wabash, Ind.

Q. SPOOL CABINETS. R. Bliss Mfg. Co., Pawtucket, R. I.
H. C. Underwood Mfg. Co., Wabash, Ind.

R. STOCKING FORMS. Wm. Strauss, 417 Arch St., Philadelphia, Pa.

S. UMBRELLA SHOW STANDS. Norwich Nickel & Brass Co., Norwich, Conn.
Jos. R. Palmenberg's Sons, 710 Broadway, New York.

T. WALL PAPER EXHIBITORS. Reilly Bros., 322 W. 41st St., New York.

U. WALL PAPER FIXTURES. A. P. W. Paper Co., Albany, N. Y.

V. WINDOW DISPLAY BRACKETS. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Faries Mfg. Co., Decatur, Ill.
J. K. Krieg & Co., 39 Warren St., New York.
Norwich Nickel & Brass Co., Norwich, Conn.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

W. WINDOW DISPLAY STANDS. Crandall & Godley, 157 Franklin St., New York.
Faries Mfg. Co., Decatur, Ill.
Low Art Tile Co., Chelsea, Mass.
Norwich Nickel & Brass Co., Norwich, Conn.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.

X. WINDOW TRAYS. Hughes, Simpson & Co., Troy, N. Y.

629. FIXTURES, VAULT, STEEL & BRONZE.

Fenton Metallic Mfg. Co., Jamestown, N. Y.

630. FURNITURE.

A. ANTIQUE FURNITURE. Aimone Mfg. Co., 430 E. 23d St., New York.
Newburg Furniture Mfg. Co., 37 Lander St., Newburg, N. Y.
C. A. Schindler, West Hoboken, N. J.

B. BAMBOO FURNITURE. Aimone Mfg. Co., 430 E. 23d St., New York.
O. D. Case & Co., Hartford, Conn.
Hodell Furniture Co., Shelbyville, Ind.
Loomis & Hart Mfg. Co., Chattanooga, Tenn.
A. Meinecke & Son, Milwaukee, Wis.

C. BANK FURNITURE. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Manitowoc Seating Mfg. Co., Manitowoc, Wis.
Minneapolis Off. & Sch. Furnishing Co., Minneapolis, Minn.
Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

D. BARBERS' FURNITURE. Archer Mfg. Co., Rochester, N. Y.
Theo. A. Kochs Co., 158 Wells St., Chicago, Ill.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.

E. BRASS FURNITURE. H. C. Hart Mfg. Co., Detroit, Mich.
H. L. Judd & Co., 87 Chambers St., New York.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

F. CHAMBER FURNITURE. Adrian Furniture Mfg. Co., Adrian, Mich.
Allen & Bro., 1706 Chestnut St., Philadelphia, Pa.
Bagby & Rivers Co., Baltimore, Md.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
Wm. A. Berkey Furniture Co., Grand Rapids, Mich.
Brooklyn Furniture Co., 563 Fulton St., Brooklyn, N. Y.
Chattanooga Furniture Co., Chattanooga, Tenn.
Chittenden & Eastman, Burlington, Iowa.
Thomas Clark & Co., 231 Levant St., Philadelphia, Pa.
Connersville Furniture Mfg. Co., Connersville, Ind.
Fairfield Furniture Co., Fairfield, Me.
Forest City Furniture Co., Rockford, Ill.

Fort Plain Furniture Co., Fort Plain, N. Y.
Herrmann Furniture & Plumbers' Cabinet Works, New York.
Kreimier & Bro. Co., cor. 9th & Carr Sts., Cincinnati, O.
J. W. Mason & Co., 406 Pearl St., New York.
Merriam, Hall & Co., Leominster, Mass.
Nelson Matter Furniture Co., Grand Rapids, Mich.
Otto Furniture Co., Williamsport, Pa.
Josiah Partridge & Sons, 358 Pearl St., New York.
Pottier & Stymus Co., 375 Lexington Av., New York.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
B. Souto & Co., 161 Front St., New York.
H. C. Swain & Son, 317 Pearl St., New York.
C. F. Vollmer, 1702 Chestnut St., Philadelphia, Pa.
Williamsport Furniture Co., Williamsport, Pa.
Martin Worn Mfg. Co., 100 Humboldt St., Brooklyn, N. Y.

G. CHURCH FURNITURE.
American Desk Co., 18 E. Van Buren St., Vhicago, Ill.
A. H. Andrews Co., 215 Wabash Av., Chicago, Ill.
Andrews Mfg. Co., 65 5th Av., New York.
Thos. Kane & Co., Racine, Wis.
J. & R. Lamb, 59 Carmine St., New York.
J. W. Mason & Co., 406 Pearl St., New York.
Minneapolis Off. & Sch. Furnishing Co., Minneapolis, Minn.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Nashua Novelty Works, Nashua, N. H.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Stoltzenberg Co., 53 Barclay St., New York.
Winkler Furniture Co., Lexington, Mo.
Joel H. Woodman, Hoboken, N. J.

H. COTTAGE FURNITURE.
Abernathy Furniture Co., Kansas City, Mo.
Alexandria Mfg. Co., Alexandria, Minn.
Atlanta Chair & Furniture Co., Atlanta, Ga.
A. E. Barnes & Bro., 198 Canal St., New York.
Hayden Furniture Co., Rochester, N. Y.
Heiligmann & Bros., 3106 F'kd Av., Philadelphia, Pa.
A. H. Heilman & Co., Wiliamsport, Pa.
Chas. Hollander & Sons, Baltimore, Md.
Josselyn & Read Co., Manchester, N. H.
Lockhaven Furniture Co., Lockhaven, Pa.
J. W. Mason & Co., 406 Pearl St., New York.
Josiah Partridge & Sons, 358 Pearl St., New York.
C. Suter, Sacramento, Cal.
H. C. Swain & Co., 317 Pearl St., New York.
Thomas Trefry & Co., 72 Fulton St., Boston, Mass.
Upham Mfg. Co., Marshfield, Wis.
Williamsport Furniture Co., Williamsport, Pa.

I. COURT HOUSE FURNITURE.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

J. DENTISTS' FURNITURE.
Archer Mfg. Co., Rochester, N. Y.
Canton Surgical & Dental Chair Co., Canton, O.
Manitowoc Seating Co., Manitowoc, Wis.
Geo. F. Sargent & Co., 289 4th Av., New York.
S. S. White Dental Mfg. Co., Chestnut, c. S. 12th, Phila., Pa.

K. DINING ROOM FURNITURE.
Allen & Bro., 1706 Chestnut St., Philadelphia, Pa.
Bagby & Rivers Co., Baltimore, Md.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
Copeland & Durgin Co., Rochester, N. Y.
Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
C. F. Rohmann, Son & Co., 343 Adams St., Brooklyn, N. Y.
H. C. Swain & Son, 317 Pearl St., New York.
C. F. Vollmer, 1102 Chestnut St., Philadelphia, Pa.

L. FANCY FURNITURE.
Ballman Cabinet Co., 530 Livingston St., Cincinnati, O.
C. G. Brown Furniture Co., Syracuse, N. Y.
Edw. Jansen, 124 W. 19th St., New York.
Herts Bros., 894 Broadway, New York.
McCracken & Hall, 116 Edward St., Philadelphia, Pa.
M. Ohmer's Sons Co., Dayton, O.
Oriel Cabinet Co., Grand Rapids, Mich.
Schrenkeisen Co., 25 Elizabeth St., New York.
G. Winneberger & Son, 252 S. 3d St., Philadelphia, Pa.

M. FURNITURE NOVELTIES.
Essex Wood Turning Co., Essex, Conn.
A. Meinecke & Son, Milwaukee, Wis.

N. HALL FURNITURE.
C. G. Akam Mfg. Co., 12 Adams St., Chicago, Ill.
Allen & Bro., 1706 Chestnut St., Philadelphia, Pa.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Wm. A. Berkey Furniture Co., Grand Rapids, Mich.

Grand Rapids Chair Co., Grand Rapids, Mich.
Thos. Kane & Co., Racine, Wis.
Fred. Mohr & Co., 41 Elizabeth St., New York.
F. Vogel & Co., 226 E. 37th St., New York.
C. F. Vollmer, 1702 Chestnut St., Philadelphia, Pa.

O. HOSPITAL FURNITURE.
Smith & Davis Mfg. Co., Lucas Av. & 23d St., St. Louis, Mo.

P. INLAID FURNITURE.
Aimone Mfg. Co., 430 E. 23d St., New York.

Q. IRON FURNITURE.
J. W. Fiske, 39 Park Place, New York.
Howard & Morse, 45 Fulton St., New York.
Oscar E. A. Wiessner, 3d Av. & 7th St., Brooklyn, N. Y.

R. KITCHEN FURNITURE.
Aude Furniture Co., 16th St. & Cass Av., St. Louis, Mo.
Bagby & Rivers Co., Baltimore, Md.
Thos. P. Beals Co., Inc., Portland, Me.
Charlotte Mfg. Co., Charlotte, Mich.
Fairfield Furniture Co., Fairfield, Me.
A. J. Johnson & Sons Furniture Co., 233 Noble, Chicago, Ill.
Mattoon Mfg. Co., 228 Wabash Av., Chicago, Ill.
Nappanee Furniture Co., Nappanee, Ind.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
M. Winter Lumber Co., Sheboygan, Wis.

S. LIBRARY FURNITURE.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Hemmer Bros., Newark, N. J.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Library Bureau, 146 Franklin St., Boston, Mass. *26
Liesenbein Bros., 224 E. 42d St., New York.
Robert Mitchell Furniture Co., 111 W. 4th St., Cinn., O.
Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
T. G. Sellew, 111 Fulton St., New York.
Yawman & Erbe Mfg. Co., Rochester, N. Y.
Yeager Furniture Co., Allentown, Pa.

T. LODGE FURNITURE.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Thos. Kane & Co., Racine, Wis.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
J. & R. Lamb, 59 Carmine St., New York.
M. C. Lilley & Co., Columbus, O.
J. W. Mason & Co., 406 Pearl St., New York.
Robert Mitchell Furniture Co., 111 W. 4th St., Cinn., O.
Joel H. Woodman, Hoboken, N. J.

U. METALLIC VAULT & OFFICE FURNITURE.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

V. OFFICE FURNITURE.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Andrews Mfg. Co., 65 5th Av., New York.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.
Central Mfg. Co., 41 Armour St., Chicago, Ill.
A. Cutler & Son, Buffalo, N. Y.
Derby Desk Co., 138 Portland St., Boston, Mass.
J. Dornette & Bro., 1256 Harrison Av., Cinn., O.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Hemmer Bros., Newark, N. J.
Manitowoc Seating Co., Manitowoc, Wis.
Minneapolis Office & School Furn. Co., Minneapolis, Minn.
Newton Lumber Co., Pueblo, Col.
Niemann & Winhardt Table Co., 392 N. Wood St., Chic., Ill.
A. H. Revell & Co., Inc., Wabash Av., c. N. Adams, Chic., Ill.
Wm. Schwarzwaelder & Co., 343 Broadway, New York.
T. G. Sellew, 111 Fulton St., New York.
U. S. Desk & Office Fitting Co., 246 Wabash Av., Chicago, Ill.
T. M. Walker & Co., Springfield, Mass.

W. PARLOR FURNITURE.
Allen & Bro., 1706 Chestnut St., Philadelphia, Pa.
Bodenstein & Kuemmerle, 1045 N. Lawrence St., Phila., Pa.
Chattanooga Furniture Co., Chattanooga, Tenn.
J. H. Crane, c. 4th St. & Washington Av., St. Louis, Mo.
Forest City Furniture Co., Rockford, Ill.
Conrad Haase, 719 Main St., Evansville, Ind.
Hafner Furniture Co., 2620 Dearborn St., Chicago, Ill.
Hall & Garrison, 1126 Washington Av., Philadelphia. Pa.
G. Henshaw & Sons, Canal & Elm Sts., Cincinnati, O.
Charles Kaiper's Sons, 120 W. 2d St., Cincinnati, O.
Thos. Madden, Son & Co., Indianapolis, Ind.
J. W. Mason & Co., 406 Pearl St., New York.
Fred. Mohr & Co., 41 Elizabeth St., New York.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Palmer & Embury, Gouverneur Slip, New York.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
Roth & Berkowitz, 197 Delancy St., New York.

Schmitt & Henry Mfg. Co., Des Moines, Iowa.
Schrenkeisen Co., 25 Elizabeth St., New York.
Streit & Schmit, 354 Hopkins St., Cincinnati, O.
H. C. Swain & Son, 317 Pearl St., New York.
F. Vogel & Co., 216 E. 37th St., New York.
C. F. Vollmer, 1702 Chestnut St., Philadelphia, Pa.
West End Furniture Co., Rockford, Ill.
Chas. P. Whittle, 35 Fulton St., Boston, Mass.

X. POST OFFICE FURNITURE. Fenton Metallic Mfg. Co., Jamestown, N. Y.

Y. PUBLIC BUILDING FURNITURE. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Anderson Co., 304 Wabash Av., Chicago, Ill.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

Z. RATTAN & REED FURNITURE. Conant, Ball & Co., W. Gardner, Mass.
J. S. Ford, Johnson & Co., 16th & Indiana Av., Chicago, Ill.
Gendron Wheel Co., Toledo, O.
Heywood Bros. & Wakefield Co., Gardner, Mass.
A. Meinecke & Son, Milwaukee, Wis.

AA. SCHOOL FURNITURE. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Andrews Mfg. Co., 65 5th Av., New York.
Burlington School Furniture Co., Burlington, Iowa.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Manitowoc Seating Co., Manitowoc, Wis.
Minneapolis Office & School Furn. Co., Minneapolis, Minn.
Racine Hardware Co., Racine, Wis.
Sidney School Furniture Co., Sidney, O.
S. A. Smith & Co., Brattleboro, Vt.

BB. SPECIAL FURNITURE. C. Ehman & Co., 1201 W. Superior St., Chicago, Ill.
C. D. Widman & Co., Detroit, Mich.

CC. SPIRAL FURNITURE. Hayden Furniture Co., Rochester, N. Y.
Lottman Bros. Mfg. Co., Houston, Texas.

DD. STUDIO FURNITURE. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
C. A. Schindler, West Hoboken, N. J.

EE. THEATRE FURNITURE. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Andrews Mfg. Co., 65 5th Av., New York.
Thos. Kane & Co., Racine, Wis.
Joel H. Woodman, Hoboken, N. J.

FF. UPHOLSTERED FURNITURE. Chittenden & Eastman, Burlington, Iowa.
Hafner Furniture Co., 2620 Dearborn St., Chicago, Ill.
Hale & Co., 15 Stone St., New York.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
J. W. Mason & Co., 406 Pearl St., New York.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Fred. Mohr & Co., 41 Elizabeth St., New York.
Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
A. H. Revell & Co., Inc., Wabash Av., c. N. Adams, Chic., Ill
A. C. Schmidt & Co., 120 Illinois St., Chicago, Ill.
Schmitt & Henry Mfg. Co., Des Moines, Iowa.
Schrenkeisen Co., 25 Elizabeth St., New York.
Windsor Folding Bed Co., 467 Carroll Av., Chicago, Ill

631. HALL RACKS.

C. G. Brown Furniture Co., Syracuse, N. Y.
Alfred E. Stacey, Elbridge, N. Y.
C. D. Widman & Co., Detroit, Mich.

A. HAT & COAT RACKS. F. W. Alms Mfg. Co., 255 E. Clifton Av., Cincinnati, O.
Atlas Mfg. Co., Danville, Pa.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
C. G. Brown Furniture Co., Syracuse, N. Y.
Chattanooga Furniture Co., Chattanooga, Tenn.
W. J. Clark Co., Salem, O.
Copeland & Durgin Co., Rochester, N. Y.
Henry T. Cushman Mfg. Co., N. Bennington, Vt.
C. Ehman & Co., 1201 W. Superior St., Chicago, Ill.
J. W. Fiske, 39 Park Place, New York.
Fletcher & Webster Furniture Co., Nashua, N. H.
B. Hauck, Lebanon, Pa.
Andrew Homan Co., 446 Water St., New York.
Landers, Frary & Clark, New Britain, Conn.
L. H. Mace & Co., 111 E. Houston St., New York.
Fred. Mohr & Co., 41 Elizabeth St., New York.
Nelson Matter Furniture Co., Grand Rapids, Mich.
Palmer & Embury Mfg. Co., 187 Canal St., New York.
Phoenix Mfg. Co., 289 W. 2d St., Cincinnati, O.
Raymond Mfg. Co., Ltd., Corry, Pa.
E. Schloss & Co., 504 Cherry St., New York.
Schrenkeisen Co., 25 Elizabeth St., New York.

Sextro Furniture Co., 60 Riddle St., Cincinnati, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Turner & Seymour Mfg. Co., Torrington, Conn.
Udell Works, Indianapolis, Ind.
F. Vogel & Co., 226 E. 37th St., New York.
Western Furniture Co., Indianapolis, Ind.

B. HAT & COAT RACKS, BRASS.
Hartford Woven Wire Mattress Co., Hartford, Conn.
H. L. Judd & Co., Inc., 87 Chambers St., New York.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

C. HAT & COAT RACKS, FOLDING.
Fletcher & Webster Furniture Co., Nashua, N. H.
Hale Co., 15 Stone St., New York.
J. W. Mason & Co., 406 Pearl St., New York.
St. Anthony Furniture Co., St. Anthony Park, Minn.
H. C. Swain & Son, 317 Pearl St., New York.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

632. HALL SEATS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
C. G. Brown Furniture Co., Syracuse, N. Y.
Milwaukee Chair Co., Milwaukee, Wis.
F. Vogel & Co., 226 E. 37th St., New York.

633. HANGING RACKS.
Atlas Mfg. Co., Danville, Pa.
Fernald Mfg. Co., North East, Pa.
L. H. Mace & Co., 111 E. Houston St., New York.
A. Meinecke & Son, Milwaukee, Wis.
Schrenkeisen Co., 25 Elizabeth St., New York.
Winona Wood Rim Co., Winona, Minn.

634. LOUNGES.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. E. Barnes & Bro., 198 Canal St., New York.
Fred. Breithecker, Buffalo, N. Y.
Jos. Bub Co., Milwaukee, Wis.
M. Clune & Son, 1402 S. Meridian St., Indianapolis, Ind.
Albert H. Davenport, 96 Washington St., Boston, Mass.
Conrad Haase, 719 Main St., Evansville, Ind.
Hafner Furniture Co., 2620 Dearborn St., Chicago, Ill.
Holland & Co., Buffalo, N. Y.
Jamestown Lounge Co., Jamestown, N. Y.
Johnson Chair Co., 233 N. Green St., Chicago, Ill.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Thos. Madden, Son & Co., Indianapolis, Ind.
Martyn Bros., Jamestown, N. Y.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
Rikhoff & Brendel, 11 Franklin St., Cincinnati, O.
C. F. Rohmann, Son & Co., 345 Adams St., Brooklyn, N. Y.
Scarritt-Comstock Furniture Co., 414 4th St., St., Louis, Mo.
Schmitt & Henry Mfg. Co., Des Moines, Iowa.
Schrenkeisen Co., 25 Elizabeth St., New York.
Theo. P. Sisson, Amsterdam, N. Y.
Streit & Schmit, 354 Hopkins St., Cincinnati, O.

A. BED LOUNGES.
Abernathy Furniture Co., Kansas City, Mo.
Champion Bed Lounge Co., Chillicothe, O.
M. Clune & Son, 1402 S. Meridian St., Indianapolis, Ind.
Conrad Haase, 719 Main St., Evansville, Ind.
Jamestown Lounge Co., Jamestown, N. Y.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
J. W. Mason & Co., 406 Pearl St., New York.
McLeod & Smith, Minneapolis, Minn.
Alex. H. Revell & Co., Inc., Wabash Av., Chicago, Ill.
Schmitt & Henry Mfg. Co., Des Moines, Iowa.
Streit & Schmit, 354 Hopkins St., Cincinnati, O.

635. MIRRORS, FRAMED.
Anchor Silver Plate Co., Oswego, N. Y.
B. L. Anderson & Co., 281 W. Superior St., Chicago, Ill.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Florence Mfg. Co., Florence, Mass.
J. J. Gillespie & Co., Pittsburg, Pa.
Hargreaves Mfg. Co., Detroit, Mich.
Meyer-Sniffen Co., Ltd., 5 E. 10th St., New York.
National Brass & Iron Works, Reading, Pa.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.
Royal Furniture Co., Grand Rapids, Mich.
C. D. Widman & Co., Detroit, Mich.

A. CHEVAL GLASSES.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.
Herter Bros., Inc., 369 5th Av., New York.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Nelson Matter Furniture Co., Grand Rapids, Mich.
Pottier & Stymus Co., 375 Lexington Av., New York.

Royal Furniture Co., Grand Rapids, Mich.
C. Schloss & Co., 504 Cherry St., New York.
Wm. Schwarzwaelder & Co., 343 Broadway, New York.
B. Souto & Co., 161 Front St., New York.
H. C. Swain & Son, Inc., 317 Pearl St., New York.
Whittemore Bros., 579 Broadway, New York.

B. CONVEX MIRRORS.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.

C. FOLDING MIRRORS.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.

D. FOOT MIRRORS.
Denzi & Phillips, 24 Dey St., New York.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.

E. HALL MIRRORS.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.
Herter Bros., Inc., 369 5th Av., New York.
Pottier & Stymus Co., 375 Lexington Av., New York.
B. Souto & Co., 161 Front St., New York.
H. C. Swain & Son, Inc., 317 Pearl St., New York.
F. Vogel & Co., 216 E. 37th St., New York.
Whittemore Bros., 579 Broadway, New York.

F. MANTEL MIRRORS.
B. L. Anderson & Co., 281 W. Superior St., Chicago, Ill.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.
Herter Bros., Inc., 369 5th Av., New York.
Pottier & Stymus Co., 375 Lexington Av., New York.

G. ORNAMENTAL MIRRORS.
Anchor Silver Plate Co., Oswego, N. Y.
H. L. Judd & Co., 87 Chambers St., New York.

H. PIER MIRRORS.
B. L. Anderson & Co., 281 W. Superior St., Chicago, Ill.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.
Herter Bros., Inc., 369 5th Av., New York.
Pottier & Stymus Co., 375 Lexington Av., New York.
Whittemore Bros., 579 Broadway, New York.

I. WINDOW MIRRORS.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.

636. OTTOMANS.
Archer Mfg. Co., Rochester, N. Y.
Joseph Bub Co., Milwaukee, Wis.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
McLeod & Smith, Minneapolis, Minn.

A. BRASS OTTOMANS.
H. L. Judd & Co., Inc., 87 Chambers St., New York.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Schlesinger Bros. Co., 553 W. 33d St., New York.

B. PIANO OTTOMANS.
Archer Mfg. Co., Rochester, N. Y.

637. PARLOR SUITS.
Abernathy Furniture Co., Kansas City, Mo.
Chittenden & Eastman, Burlington, Iowa.
M. Clune & Son, 1402 S. Meridian St., Indianapolis, Ind.
McLeod & Smith, Minneapolis, Minn.
Fred. Mohr & Co., 41 Elizabeth St., New York.
Paine Furniture Co., 48 Canal St., Boston, Mass.
L. Puster & Co., Evansville, Ind.
C. F. Rohmann, Son & Co., 345 Adams St., Brooklyn, N. Y.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Schmitt & Henry Mfg. Co., Des Moines, Iowa.
Schrenkeisen Co., 25 Elizabeth St., New York.
Tell City Furniture Co., Tell City, Ind.
Yeager Furniture Co., Allentown, Pa.

A. RATTAN PARLOR SUITS.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Selcer & Son, New York.
Sperling Bros., 354 3d Av., New York.

638. PEDESTALS.
F. W. Alms Mfg. Co., 225 E. Clifton Av., Cincinnati, O.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Andrew Homan Co., 446 Water St., New York.
A. Meinecke & Son, Milwaukee, Wis.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Oriel Cabinet Co., Grand Rapids, Mich.
R. Poole & Son Co., Baltimore, Md.
St. Anthony Furniture Co., St. Anthony Park, Minn.
Schrenkeisen Co., 25 Elizabeth St., New York.
Geo. W. Smith & Co., 3907 Powelton Av., Philadelphia, Pa.
Trenton Potteries Co., Trenton, N. J.

A. BRASS PEDESTALS.
H. L. Judd & Co., 87 Chambers St., New York.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

639. REFRIGERATORS.
Baldwin Refrigerator Co., Burlington, Vt.
Belding-Hall Mfg. Co., Belding, Mich.
H. F. Brammer Mfg. Co., Davenport, Iowa.
Brunswick-Balke-Collender Co., 860 Broadway, N. Y.
Cleveland Faucet Co., Cleveland, O.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Eclipse Refrigerator Works, Burlington, Vt.

Darius Eddy & Sons, 336 Adams St., Boston, Mass.
Farson Mfg. Co., 220 Dock St., Philadelphia, Pa.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Heinz & Munschauer, Buffalo, N. Y.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Keyser Mfg. Co., Chattanooga, Tenn.
Loomis & Hart Mfg. Co., Chattanooga, Tenn.
L. H. Mace & Co., 111 E. Houston St., New York.
Michigan Barrel Co., Grand Rapids, Mich.
R. Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Monarch Refrigerator Works, Burlington, Vt.
Ranney Refrigerator Co., Greenville, Mich.
Ridgway Refrigerator Co., 813 Arch St., Philadelphia, Pa.
St. Louis Refrigerator & Wooden Gutter Co., St. Louis, Mo.
Shirk Co., 14 Custom House, Chicago, Ill.
Geo. H. Stahl, Quincy, Ill.
B. A. Stevens, Toledo, O.
Peter A. Vogt, Buffalo, N. Y.

A. BEER COOLERS.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
Hersey Mfg. Co., S. Boston, Mass.
Keenan Bros. Mfg. Co., 184 Washington St., Chicago, Ill.
A. Reisert & F. Orth, 181 Prince St., New York.
B. A. Stevens, Toledo, O.
Herman Strater & Sons, 74 Sudbury St., Boston, Mass.
Peter A. Vogt, Buffalo, N. Y.

B. BUTCHERS' REFRIGERATORS.
Belding-Hall Mfg. Co., Belding, Mich.
Francis Keil & Son, 667 E. 163d St., New York.
Shirk Co., 14 Custom House, Chicago, Ill.

C. GROCERS' REFRIGERATORS.
Belding-Hall Mfg. Co., Belding, Mich.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Ranney Refrigerator Co., Greenville, Mich.
Shirk Co., 14 Custom House, Chicago, Ill.

640. RESTS.

A. BACK RESTS.
Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
L. H. Mace & Co., 117 E. Houston St., New York.

B. FOOT RESTS.
Adjustable Chair Co., Cleveland, O.
Denzi & Phillips, 24 Dey St., New York.
Fletcher & Webster Furniture Co., Nashua, N. H.
Jamestown Lounge Co., Jamestown, N. Y.
McLeod & Smith, Minneapolis, Minn.
Louis Sacks, Newark, N. J.
Wrightsville Hardware Co., Wrightsville, Pa.

C. HEAD RESTS.
Johnson & Lund, 620 Race St., Philadelphia, Pa.

D. INVALID BACK RESTS.
L. H. Mace & Co., 111 Houston St., New York.
J. W. Mason & Co., 406 Pearl St., New York.
Geo. F. Sargent Co., 814 Broadway, New York.
Herbert S. Smith, 81 John St., New York.

641. SCREENS.

E. T. Burrowes Co., Portland, Me. *10
Jeffrey Mfg. Co., Columbus, O.
A. Meinecke & Son, Milwaukee, Wis.
Royal Furniture Co., Grand Rapids, Mich.
J. R. Webber Moulding Co., 21st & Cass Av., St. Louis, Mo.

A. BAMBOO SCREENS.
A. Meinecke & Son, Milwaukee, Wis.

B. FIRE SCREENS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
J. & R. Lamb, 59 Carmine St., New York.
Chas. Lersch, 520 E. 17th St., New York.
Schrenkeisen Co., 25 Elizabeth St., New York.

C. FIRE SCREENS, BRASS.
H. L. Judd & Co., 87 Chambers St., New York.
J. & R. Lamb, 59 Carmine St., New York.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

D. FOLDING SCREENS, REED & RATTAN.
Heywood Bros. & Wakefield Co., Gardner, Mass.

E. HAND PAINTED SCREENS.
E. Schloss & Co., 504 Cherry St., New York.

F. SCREEN STANDS.
Keenan Bros. Mfg. Co., 184 Washington St., Chicago, Ill.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.

G. STAINED GLASS SCREENS.
Denzi & Phillips, 24 Dey St., New York.
J. & R. Lamb, 59 Carmine St., New York.

642. SECRETARIES.

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
Thos. Clark & Co., 2421 N. Front St., Philadelphia, Pa.
Forest City Furniture Co., Rockford, Ill.
Hemmer Bros., Newark, N. J.
Linwood Furniture Co., Linwood, O.

Thos. Madden, Son & Co., Indianapolis, Ind.
Robert Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Nelson Matter Furniture Co., Grand Rapids, Mich.
Burford Rhodes Furniture Co., Louisville, Ky.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.

643. SETTEES.

Ahnapee Veneer & Seating Co., Algoma, Wis.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.
Frost's Veneer Seating Co., Sheboygan, Wis.
Thos. Kane & Co., Racine, Wis.
F. H. Logeman Chair Mfg. Co., St. Louis, Mo.
Manitowoc Seating Co., Manitowoc, Wis.
A. Meinecke & Son, Milwaukee, Wis.
Josiah Partridge & Sons, 358 Pearl St., New York.
Racine Hardware Co., Racine, Wis.
Readsboro Chair Mfg. Co., Readsboro, Vt.
Schrenkeisen Co., 25 Elizabeth St., New York.
S. A. Smith & Co., Brattleboro, Vt.
R. W. Whitthurst & Co., Norfolk, Va.

A. FOLDING SETTEES.

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.
Thos. Kane & Co., Racine, Wis.
Readsboro Chair Mfg. Co., Readsboro, Vt.

B. HALL SETTEES.

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.
Delaware Chair Co., Delaware, O.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Thos. Kane & Co., Racine, Wis.
F. Vogel & Co., 216 E. 37th St., New York.

C. IRON SETTEES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Champion Iron Co., Kenton, O.
J. W. Fiske, 39 Park Place, New York.
Rogers Iron Works Co., Springfield, O.
Van Dorn Iron Works Co., Cleveland, O.
A. B. & W. T. Westervelt, 102 Chambers St., New York.
Oscar E. A. Wiessner, 3d Av. & 7th St., Brooklyn, N. Y.

D. LAWN SETTEES.

A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
D. H. Bausman, Bausman, Pa.
Belcher & Taylor Agricult. Tool Co., Chicopee Falls, Mass.
Buckstaff-Edwards Co., Oshkosh, Wis.
Crocker Chair Co., Sheboygan, Wis.
A. B. Farquhar & Co., York, Pa.
J. W. Fiske, 39 Park Place, New York.
Fletcher & Webster Furniture Co., Nashua, N. H.
Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
H. N. Hubbard, 18 Cliff St., New York.
Kalamazoo Sled Co., Kalamazoo, Mich.
Thos. Kane & Co., Racine, Wis.
Keystone Farm Mach. Co., Ltd., York, Pa.
L. H. Mace & Co., 117 E. Houston St., New York.
Mann Bros., Milwaukee, Wis.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
Robt. Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Nashua Novelty Works, Nashua, N. H.
Ohio Rake Co., Dayton, O.
Ewald Over, Indianapolis, Ind.
Sedgwick Wire Fence Co., Richmond, Ind.
R. W. Whitehurst & Co., Norfolk, Va.

E. PORTABLE OPERA SETTEES.

Readsboro Chain Mfg. Co., Readsboro, Vt.

F. RATTAN SETTEES.

Heywood Bros. & Wakefield Co., Gardner, Mass.
Selcer & Son, New York.
Sperling Bros., 354 3d Av., New York.

G. REVERSIBLE SETTEES

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
A. H. Anderson Co., 281 W. Superior St., Chicago, Ill.
Buffalo School Furniture Co., Buffalo, N. Y.

H. SCHOOL SETTEES.

Buffalo School Furniture Co., Buffalo, N. Y.

I. SHOE STORE SETTEES.

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Thos. Kane & Co., Racine, Wis.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.

J. VENEER SETTEES.

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Frost's Veneer Seating Co., Sheboygan, Wis.
Thos. Kane & Co., Racine, Wis.

K. WIRE SETTEES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Walnut St., Cinn., O.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.

644. SIDEBOARDS.

Abernathy Furniture Co., Kansas City, Mo.
A. E. Barnes & Bro., 198 Canal St., New York.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
C. G. Brown Furniture Co., Syracuse, N. Y.
Carrollton Furniture Mfg. Co., Carrollton, Ky.
Thos. Clark & Co., 2421 N. Front St., Philadelphia, Pa.
Connersville Furniture Mfg. Co., Connersville, Ind.
Copeland & Durgin Co., Rochester, N. Y.
Forest City Furniture Co., Rockford, Ill.
Indiana Furniture Co., Connersville, Ind.
Kreimer & Bro. Co., 9th & Carr Sts., Cincinnati, O.
Langslow-Fowler Co., Rochester, N. Y.
Linwood Furniture Co., Linwood, O.
Luger Furniture Co., N. St. Paul, Minn.
Thos. Madden, Son & Co., Indianapolis, Ind.
Mattoon Mfg. Co., Sheboygan, Wis.
Minneapolis Furniture Co., Minneapolis, Minn.
New England Furniture Co., Grand Rapids, Mich.
Ohio Furniture Co., Columbus, O.
Otto Furniture Co., Williamsport, Pa.
Paine Furniture Co., 48 Canal St., Boston, Mass.
Josiah Partridge & Sons, 358 Pearl St., New York.
Price Bros. & Co., Evansville, Ind.
Royal Furniture Co., Grand Rapids, Mich.
St. Anthony Furniture Co., St. Anthony Park, Minn.
Sligh Furniture Co., Grand Rapids, Mich.
Wait Furniture Co., Portsmouth, O.
West Michigan Furniture Co., Holland, Mich.
Widdicomb Furniture Co., Grand Rapids, Mich.
H. H. Wiggers & Sons Furniture Co., Cincinnati, O.
Wm. F. Worn & Co., 71 George St., Brooklyn, N. Y.

645. SOFAS.

Albert H. Davenport, 96 Washington St., Boston, Mass.
Henry Fuldner, 327 Av. A, New York.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Alex. H. Revell & Co., Inc., Wabash Av., Chicago, Ill.

A. BAMBOO SOFAS.

Aimone Mfg. Co., 430 E. 23d St., New York.
John Deltour, 20 Commerce St., New York.

B. OFFICE SOFAS.

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Wm. Scharzwaelder & Co., 343 Broadway, New York.

C. RATTAN SOFAS.

Heywood Bros. & Wakefield Co., Gardner, Mass.

D. SOFA BEDS.

M. Clune & Son, 1402 S. Meridian St., Indianapolis, Ind.
Hale & Kilburn Mfg. Co., 48-50 N. 6th St., Philadelphia, Pa.

646. STANDS.

A. BRACKET STANDS.

A. Meinecke & Son, Milwaukee, Wis.
H. H. Wiggers & Sons Furniture Co., Cincinnati O.

B. BUTLERS' STANDS.

L. H. Mace & Co., 111 E. Houston St., New York.

C. COPYING PRESS STANDS.

American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Derby Desk Co., 138 Portland St., Boston, Mass.
J. Dornette & Bros., 1250 Harrison Av., Cincinnati, O.
Globe Co., 1223 W. 8th St., Cincinnati, O.
Hemmer Bros., Newark, N. J.
R. Hoe & Co., 504 Grand St., New York.
Horrocks Desk Co., Herkimer, N. Y.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Thos. Kelsall Co., McLeon Av. & Richmond St., Cinn., O.
Saml. C. Tatum Co., Water & John Sts., Cincinnati, O.

D. ENAMELLED & GILT STANDS.

A. Meinecke & Son, Milwaukee, Wis.

E. FLOWER STANDS.

Atlas Mfg. Co., Danville, Pa.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
J. W. Fiske, 39 Park Place, New York.
L. H. Mace & Co., 117 E. Houston St., New York.
Meriden Britannia Co., Meriden, Conn.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.

F. HALL STANDS.

Berkey & Gay Furniture Co., Grand Rapids, Mich.
Brooklyn Furniture Co., 563 Fulton St., Brooklyn, N. Y.
Albert H. Davenport, 96 Washington St., Boston, Mass.
Fletcher & Webster Furniture Co., Nashua, N. H.

Fred. Mohr & Co., 41 Elizabeth St., New York.
Nelson Matter Furniture Co., Grand Rapids, Mich.
Schrenkeisen Co., 25 Elizabeth St., New York.
H. C. Swain & Son, Inc., 317 Pearl St., New York.
F. Vogel & Co., 216 E. 37th St., New York.
William F. Worn & Co., 71 George St., Brooklyn, N. Y.

G. LIGHT STANDS.
Merriam, Hall & Co., N. Leominster, Mass.
Nicol & Co., 55 W. Washington St., Chicago, Ill.

H. MUSIC STANDS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Henry T. Cushman Mfg. Co., North Bennington, Vt.
J. W. Fiske, 39 Park Place, New York.
Krauth & Benninghofen, Hamilton, O.
Chas. Lersch, 520 E. 17th St., New York.
Francis Neppert, Jr., 390 Canal St., New York.
Schrenkeisen Co., 25 Elizabeth St., New York.

I. MUSIC STANDS, BRASS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Conover Fireplace Mfg. Co., 7 W. 30th St., New York.
Krauth & Benninghofen, Hamilton, O.

J. MUSIC STANDS, RATTAN.
Heywood Bros. & Wakefield Co., Gardner, Mass.

K. READING STANDS.
Holloway Co., Cuyahoga Falls, O.
Geo. F. Sargent Co., 289 4th Av., New York.

L. SHAVING STANDS.
Copeland & Durgin Co., Rochester, N. Y.
Albert H. Davenport, 96 Washington St., Boston, Mass.
Olbrich & Golbeck, 86 N. Ashland Av., Chicago, Ill.
Paine Furniture Co., 48 Canal St.. Boston, Mass.

M. TYPEWRITER STANDS.
Saml. C. Tatum Co., John, Front & Water Sts., Cincinnati, O.

N. WORK STANDS.
A. Meinecke & Son, Milwaukee, Wis.
Robt. Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.

O. WORK STANDS, RATTAN.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Selcer & Son, New York.
Sperling Bros., 354 3d Av., New York.

647. STOOLS.

A. CAMP STOOLS.
A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Fletcher & Webster Furniture Co., Nashua, N. H.
Grand Rapids Mattress Co., Grand Rapids, Mich.
King Folding Canvas Boat Co., Kalamazoo, Mich.
J. W. Mason & Co., 406 Pearl St., New York.
Missouri Tent & Awning Co., 218 Chestnut St., St. Louis, Mo.
Nashua Novelty Works, Nashua, N. H.
Alfred E. Stacey, Elbridge, N. Y.

B. FOLDING STOOLS.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Kalamazoo Sled Co., Kalamazoo, Mich.
King Folding Canvas Boat Co., Kalamazoo, Mich.
Stanley Works, New Britain, Conn.

C. FOOT STOOLS.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
L. H. Mace & Co., 117 E. Houston St., New York.
Mann Bros., Milwaukee, Wis.
McLeod & Smith, Minneapolis, Minn.
A. Meinecke & Son, Milwaukee, Wis.
Novelty Wood Works, Union City, Pa.
Wm. Prufrock, 1108 Olive St., St. Louis, Mo.
Readsboro Chair Mfg. Co., Readsboro, Vt.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.

D. FOOT STOOLS, BRASS.
H. L. Judd & Co., Inc., 87 Chambers St., New York.
Schlesinger Bros. Co., 553 W. 33d St., New York.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

E. FOOT STOOLS, RATTAN.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Selcer & Son, New York.
Sperling Bros., 354 3d Av., New York.

F. OFFICE STOOLS.
American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Crocker Chair Co., Sheboygan, Wis.
J. W. Fiske, 39 Park Place, New York.
F. H. Logeman Chair Mfg. Co., 2000 N. Main, St. Louis, Mo
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.

G. ORGAN STOOLS.
Chicago Cottage Organ Co., 258 Wabash Av., Chicago, Ill.
Wm. Heap, Muskegon, Mich.
Henry Holtzman & Sons, Columbus, O.
Charles Parker Co., Meriden, Conn.

H. PIANO STOOLS.
Archer Mfg. Co., Rochester, N. Y.
Wm. Heaps, Muskegon, Mich.
Henry Holtzman & Sons, Columbus, O.
W. W. Kimball Co., 243 Wabash Av., Chicago, Ill.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Francis Neppert, Jr., 390 Canal St., New York.
Paine Furniture Co., 48 Canal St., Boston, Mass.

Chas. Parker Co., Meriden, Conn.
Schrenkeisen Co., 25 Elizabeth St., New York.

I. PIANO STOOLS, BRASS. H. L. Judd & Co., 87 Chambers St., New York.

J. SHOE STOOLS. Elyria Variety Works, Jackson, Mich.

K. STORE STOOLS. American Desk Co., 18 E. Van Buren St., Chicago, Ill.
Archer Mfg. Co.. Rochester, N. Y.
Crocker Chair Co., Sheboygan, Wis.
John Danner Mfg. Co., Canton, O.
Gold Medal Camp Furn. & Novelty Co., Racine, Wis.
B. A. Kipp Co., 115 Huron St., Milwaukee, Wis.
Francis Neppert, Jr., 390 Canal St., New York.
Racine Hardware Co., Racine, Wis.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Alfred E. Stacey, Elbridge, N. Y.

L. TYPEWRITER STOOLS. Stomps-Burkhardt Co., Dayton, O.

M. WIRE STOOLS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

648. SWING DOORS. Heywood Bros. & Wakefield Co., Gardner, Mass.
Selcer & Son, New York.
Sperling Bros., 354 3d Av., New York.

649. TABLES. Fletcher & Webster Furniture Co., Nashua, N. H.
Hahn & Lind Table Co., Columbus, O.
Heywood Bros. & Wakefield Co., Gardner, Mass.
J. E. & A. Hoing, Evansville, Ind.
A. Meinecke & Son, Milwaukee, Wis.
L. Puster & Co., Evansville, Ind.
Royal Furniture Co., Grand Rapids, Mich.
Schelosky & Co., Evansville, Ind.
Sligh Furniture Co., Grand Rapids, Mich.
Udell Works, Indianapolis, Ind.

A. ADJUSTABLE OFFICE TABLES. Christopher Rittenhouse & Sons, Norristown, Pa.

B. BEDSIDE TABLES. J. R. Baker, Sons & Co., Kendallville, Ind.
Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.

C. BRASS TABLES. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Conover Fireplace Mfg. Co., 7 W. 30th St., New York.
Horn & Brannen Mfg. Co., 427 N. Broad St., Phila., Pa.
H. L. Judd & Co., 87 Chambers St., New York.
Manhattan Brass Co., 338 E. 28th St., New York.
Matthews & Willard Mfg. Co., Waterbury, Conn.
National Brass & Iron Works, Reading, Pa.
Pittsburg Lamp & Brass Co., ft. Locust St., Allegheny, Pa.
Rochester Lamp Co., 37 Barclay St., New York.

D. CARD TABLES. Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
A. H. Davenport, 96 Washington St., Boston, Mass.
Robt. Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
St. Anthony Furniture Co., St. Anthony Park, Minn.
Topliff & Ely Co., Elyria, O.
Udell Works, Indianapolis, Ind.

E. CENTRE TABLES. F. W. Alms Mfg. Co., 225 E. Clinton Av., Cincinnati, O.
Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
Wm. A. Berkey Furniture Co., Grand Rapids, Mich.
Fletcher & Webster Furniture Co., Nashua, N. H.
C. H. Haberkorn & Co., Detroit, Mich.
Kent Furniture Mfg. Co., Grand Rapids, Mich.
H. Lauter, Indianapolis, Ind.
Marietta Chair Co., Inc., Marietta, O.
Mattoon Mfg. Co., Sheboygan, Wis.
Minneapolis Furniture Co., Minneapolis, Minn.
Robt. Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
E. Schloss & Co., 504 Cherry St., New York.
Schrenkeisen Co., 25 Elizabeth St., New York.
Sextro Furniture Co., 60 Riddle St., Cincinnati. O.
Stow & Davis Furniture Co., Grand Rapids, Mich.
F. Vogel & Co., 216 E. 37th St., New York.
Warren Table Works, Warren, Pa.

F. CHILDREN'S TABLES. Paris Mfg. Co., S. Paris, Me.

G. COFFEE TABLES. A. H. Davenport, 96 Washington St., Boston, Mass.
J. W. Fiske, 39 Park Place, New York.

H. DIRECTORS' TABLES. Hemmer Bros., Newark, N. J.

I. DRAWING TABLES. Keuffel & Esser Co., 127 Fulton St., New York.

J. DRESSING TABLES. Aertz, Meyers Co., Detroit, Mich.
A. H. Davenport, 96 Washington St., Boston, Mass.
Spencer & Barnes, Benton Harbor, Mich.

	Udell Works, Indianapolis, Ind.
	Warren Table Works, Warren, Pa.
K. DROP LEAF TABLES.	Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
	Buffalo School Furniture Co., Buffalo, N. Y.
	Copeland & Durgin Co., Rochester, N. Y.
	St. Johns Mfg. Co., St. Johns, Mich.
	Schelosky & Co., Evansville, Ind.
L. EXTENSION TABLES.	Abernathy Furniture Co., Kansas City, Mo.
	Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
	A. E. Barnes & Bro., 198 Canal St., New York.
	Berkey & Gay Furniture Co., Grand Rapids, Mich.
	Buffalo School Furniture Co., Buffalo, N. Y.
	Central Furniture Co., Rockford, Ill.
	Chattanooga Furniture Co., Chattanooga, Tenn.
	Chicago Table Works, 750 Throop St., Chicago, Ill.
	Copeland & Durgin Co., 126 Jay St., Rochester, N. Y.
	Henry Fuldner, 327 Av. A, New York.
	Halm & Lind Table Co., Columbus, O.
	Hastings Table Co., Hastings, Mich.
	J. E. & A. Hoing, Evansville, Ind.
	Ind. Cabinet Makers' Union, Indianapolis, Ind.
	Mattoon Mfg. Co., Sheboygan, Wis.
	Minneapolis Office & School Furn. Co., Minneapolis, Minn.
	Robt. Mitchell Furn. Co., 111 W. 4th St., Cincinnati, O.
	Phoenix Furniture Co., Grand Rapids, Mich.
	Price Bros. & Co., Evansville, Ind.
	Rosselins Bros. Furniture Mfg. Co., Detroit, Mich.
	Royal Furniture Co., Grand Rapids, Mich.
	St. Anthony Furniture Co., St. Anthony Park, Minn.
	St. Johns Mfg. Co., St. Johns, Mich.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	Schelosky & Co., Evansville, Ind.
	Sextro Furniture Co., 60 Riddle St., Cincinnati, O.
	Stow & Davis Furn. Co., Grand Rapids, Mich.
	Tell City Furniture Co., Tell City, Ind.
	Warren Table Works, Warren, Pa.
M. FANCY TABLES.	American Table Co., 35 Henry St., Buffalo, N. Y.
	Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
	J. W. Fiske, 39 Park Place, New York.
	Chas. Lersch, 520 E. 17th St., New York.
	Mattoon Mfg. Co., Sheboygan, Wis.
	Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
N. FOLDING TABLES.	A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
	Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
	Belding-Hall Mfg. Co., Belding, Mich.
	Fairfield Furniture Co., Fairfield, Me.
	Fletcher & Webster Furniture Co., Nashua, N. H.
	Grand Rapids Portable House Co., Grand Rapids, Mich.
	Lambie Co., 8 Bible House, New York.
	L. H. Mace & Co., 111 Houston St., New York.
	Novelty Wood Works, Union City, Pa.
	Paris Mfg. Co., S. Paris, Me.
	Racine Hardware Co., Racine, Wis.
	Readsboro Chair Mfg. Co., Readsboro, Vt.
	Stowell Mfg. Co., Putney, Vt.
	Topliff & Ely Co., Elyria, O.
	Wilkinson Mfg. Co., Binghamton, N. Y.
	M. Winter Lumber Co., Sheboygan, Wis.
O. FOLDING TABLES, CAMP.	Gold Medal Camp Furn. & Novelty Co., Racine, Wis.
P. GREENHOUSE PLANT TABLES.	Lord & Burnham Co., Irvington-on-Hudson, N. Y.
Q. GYNAECOLOGICAL TABLES.	W. D. Allison Co., Indianapolis, Ind. *
	Sargent Mfg. Co., 8 Bible House, New York.
R. HALL TABLES.	Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
	H. C. Swain & Son, Inc., 317 Pearl St., New York.
S. HOTEL TABLES.	Chicago Table Works, 750 Throop St., Chicago, Ill.
	St. Anthony Furniture Co., St. Anthony Park, Minn.
T. INVALID TABLES.	Geo. F. Sargent Co., 289 4th Av., New York.
U. IRON TABLES.	Fenton Metallic Mfg. Co., Jamestown, N. Y.
	National Brass & Iron Works, Reading, Pa.
	Van Dorn Iron Works Co., Cleveland, O.
	A. B. & W. T. Westervelt, 102 Chambers St., New York.
V. JARDINIERE TABLES.	Ind. Cabinet Makers' Union, Indianapolis, Ind.
W. KITCHEN TABLES.	Buffalo School Furniture Co., Buffalo, N. Y.
	Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
	L. H. Mace & Co., 117 E. Houston St., New York

	Mattoon Mfg. Co., Sheboygan, Wis.
	Price Bros. & Co., Evansville, Ind.
	St. Johns Mfg. Co., St. Johns, Mich.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	Schelosky & Co., Evansville, Ind.
X. LAP TABLES.	Fairfield Furniture Co., Fairfield, Me.
	Mattoon Mfg. Co., Sheboygan, Wis.
Y. LIBRARY TABLES.	F. W. Alms Mfg. Co., 225 Clinton Av., Cincinnati, O.
	Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
	Barnutz & Diehl, 143 7th Av., New York.
	East Rockford Mantel Co., Rockford, Ill.
	Grand Rapids Chair Co., Grand Rapids, Mich.
	J. E. & A. Hoing, Evansville, Ind.
	Thos. Kelsall Co., Richmond St., Cincinnati, O.
	H. Lauter, Indianapolis, Ind.
	Mattoon Mfg. Co., Sheboygan, Wis.
	Novelty Wood Works, Union City, Pa.
	Palmer & Embury Mfg. Co., Gouverneur Slip, New York.
	Price Bros. & Co., Evansville, Ind.
	Royal Furniture Co., Grand Rapids, Mich.
	St. Anthony Furniture Co., St. Anthony Park, Minn.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	E. Schloss & Co., 504 Cherry St., New York.
	Schrenkeisen Co., 25 Elizabeth St., New York.
	Sextro Furniture Co., 60 Riddle St., Cincinnati, O.
	Stow & Davis Furniture Co., Grand Rapids, Mich.
	Widdicomb Furniture Co., Grand Rapids, Mich.
	Wrampelmeier Mfg. Co., Louisville, Ky.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
Z. LUNCH TABLES.	Topliff & Ely Co., Elyria, O.
AA. NEST TABLES.	Chas. Lersch, 520 E. 17th St., New York.
BB. OFFICE TABLES.	American Desk Co., 270 Wabash Av., Chicago, Ill.
	Chattanooga Furniture Co., Chattanooga, Tenn.
	J. Dornette & Bro., 1250 Harrison Av., Cincinnati, O.
	H. Hauter, Indianapolis, Ind.
	Horrocks Desk Co., Herkimer, N. Y.
	Rand & Leopold Desk Co., Burlington, Iowa.
	St. Anthony Furn. Co., St. Anthony Park, St. Paul, Minn.
	Scarritt-Comstock Frun. Co., 414 N. 4th St., St. Louis, Mo.
	U. S. Desk & Office Fitt. Co., 246 Wabash Av., Chicago, Ill.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
CC. ONYX TABLES.	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Matthews & Willard Mfg. Co., Waterbury, Conn.
	National Brass & Iron Works, Reading, Pa.
	Pittsburg Lamp & Brass Co., ft. of Locust St., Allegheny, Pa.
DD. PARLOR TABLES.	Copeland & Durgin Co., Rochester, N. Y.
	East Rockford Mantel Co., Rockford, Ill.
	Grand Rapids Chain Co., Grand Rapids, Mich.
	J. E. & A. Hoing, Evansville, Ind.
	Andrew Homan Co., 446 Water St., New York.
	Ind. Cabinet Makers' Union, Indianapolis, Ind.
	Price Bros. & Co., Evansville, Ind.
	St. Anthony Furniture Co., St. Anthony Park, Minn.
EE. PILLAR TABLES.	Bardwell, Andrews & Co., 81 Union St., Boston, Mass.
	Mattoon Mfg. Co., Sheboygan, Wis.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	Schelosky & Co., Evansville, Ind.
FF. RATTAN TABLES.	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Selcer & Son, New York.
	Sperling Bros., 354 3d Av., New York.
GG. RESTAURANT & SALOON TABLES.	Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
	Brunswick-Balke-Collender Co., 860 Broadway, New York.
	Chicago Table Works, 750 Throop St., Chicago, Ill.
	J. W. Fiske, 39 Park Place, New York.
	Thos. Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.
	Josiah Partridge & Sons, 358 Pearl St., New York.
	Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
	Schelosky & Co., Evansville, Ind.
	St. Anthony Furniture Co., St. Anthony Park, Minn.
	Stow & Davis Furniture Co., Grand Rapids, Mich.
	Philip Strobel & Sons, 53 Elizabeth St., New York.
HH. SCHOOL TABLES.	A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
	Buffalo School Furniture Co., Buffalo, N. Y.
II. SETTEE TABLES.	Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
JJ. SIDE TABLES.	Copeland & Durgin Co., Rochester, N. Y.

Henry Fuldner, 327 Av. A, New York.
Otto Furniture Co., Williamsport, Pa.
H. H. Wiggers & Sons Furn. Co., Cincinnati, O.

KK. SMOKERS' TABLES.
Andrew Homan Co., 446 Water St., New York.

LL. SURGICAL TABLES.
W. D. Allison Co., Indianapolis, Ind. *2
Feick Bros., 506 Wood St., Pittsburg, Pa.
Oscar E. A. Wiessner, 7th St. & 3d Av., New York.

MM. TOILET TABLES.
Royal Furn. Co., Grand Rapids, Mich.
Sligh Furniture Co., Grand Rapids, Mich.

NN. TYPEWRITER TABLES.
Horrocks Desk Co., Herkimer, N. Y.

OO. WORK TABLES.
Bardwell, Anderson & Co., 81 Union St., Boston, Mass.
L. H. Mace & Co., 117 E. Houston St., New York.
Robt. Mitchell Furniture Co., 111 W. 4th St., Cincinnati, O.
Udell Works, Indianapolis, Ind.
Wilkinson Mfg. Co., Binghamton, N. Y.

650. TABOURETS.
American Table Co., 35 Henry St., Buffalo, N. Y.
C. G. Brown Furniture Co., Syracuse, N. Y.
East Rockford Mantel Co., Rockford, Ill.
Heywood Bros. & Wakefield Co., Gardner, Mass.
A. Meinecke & Son, Milwaukee, Wis.
Novelty Wood Works, Union City, Pa.

651. TOWEL RACKS.
Copeland & Durgin Co., Rochester, N. Y.
Henry T. Cushman Mfg. Co., North Bennington, Vt.
J. W. Fiske, 39 Park Place, New York.
Fletcher & Webster Furniture Co., Nashua, N. H.
Foster, Merriam & Co., Meriden, Conn.
A. B. Hauck, Lebanon, Pa.
A. S. Henn & Co., New Haven, Conn.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
Chas. Lersch, 520 E. 17th St., New York.
Oriel Cabinet Co., Grand Rapids, Mich.
Josiah Partridge & Sons, 358 Pearl St., New York.
Phila. Novelty Mfg. Co., 428 N. 13th St., Philadelphia, Pa.
Searls Mfg. Co., 27 Mulberry St., Newark, N. J.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.

A. BRASS TOWEL RACKS.
Foster, Merriam & Co., Meriden, Conn.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.

B. RATTAN TOWEL RACKS.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Selcer & Son, New York.
Sperling Bros., 354 3d Av., New York.

C. TOWEL ROLLERS.
A. B. Hauck, Lebanon, Pa.
L. H. Mace & Co., 11 E. Houston St., New York.
Mann Bros., Milwaukee, Wis.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Wire Goods Co., Worcester, Mass.

652. UMBRELLA STANDS.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Castle, Wilmot & Co., Rochester, N. Y.
Cordley & Hayes, 172 Duane St., New York.
Henry T. Cushman Mfg. Co., North Bennington, Vt.
Fletcher & Webster Furniture Co., Nashua, N. H.
Novelty Wood Works, Union City, Pa.
L. H. Mace & Co., 117 E. Houston St., New York.
Thos. Maddock & Sons, Trenton, N. J.

A. BRASS UMBRELLA STANDS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
W. J. Clark Co., Salem, O.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., Inc., 87 Chambers St., New York.
Norwich Nickel & Brass Co., Norwich, Conn.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Schlesinger Bros. Co., 553 W. 33d St., New York.
Gilbert T. Sutterley & Co., 38 N. 6th St., Philadelphia, Pa.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

B. IRON UMBRELLA STANDS.
J. W. Fiske, 39 Park Place, New York.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean, 16 Cliff St., New York.
Van Dorn Iron Works Co., Cleveland, O.

C. POTTERY UMBRELLA STANDS.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Rookwood Pottery Co., 207 Eastern Av., Cincinnati, O.

D. WIRE UMBRELLA STANDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Myers Mfg. Co., Georgetown, Conn.

J. R. Palmenberg's Sons, 710 Broadway, New York.

653. WALL BRACKETS.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

A. BAMBOO WALL BRACKETS.
Aimone Mfg. Co., 430 E. 23d St., New York.
John Deltour, 20 Commerce St., New York.
A. Meinecke & Son, Milwaukee, Wis.

B. BRASS WALL BRACKETS.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., 87 Chambers St., New York.

654. WALL POCKETS.
Henry T. Cushman Mfg. Co., North Bennington, Vt.
Hargreaves Mfg. Co., Detroit, Mich.
J. W. Mason & Co., 406 Pearl St., New York.
J. R. Webber Moulding Co., 21st St. & Cass Av., St. Louis, Mo.

A. BRASS WALL POCKETS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., 87 Chambers St., New York.

655. WARDROBES.
Abernathy Furniture Co., Kansas City, Mo.
Aertz, Meyers Co., Detroit, Mich.
Berkey & Gay Furniture Co., Grand Rapids, Mich.
Carrollton Furniture Mfg. Co., Carrollton, Ky.
Thos. Clark & Co., 2421 N. Front St., Philadelphia, Pa.
Columbia Folding Bed Co., 200 Canal St., New York.
Hemmer Bros., Newark, N. J.
Kreimer & Bros. Co., 9th & Carr Sts., Cincinnati, O.
Linwood Furniture Co., Linwood, O.
Mattoon Mfg. Co., Sheboygan, Wis.
Joseph S. Miller, 1210 Ridge Av., Philadelphia, Pa.
Paine Furniture Co., 48 Canal St, Boston, Mass.
L. Puster Co., Evansville, Ind.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Tell City Furniture Co., Tell City, Ind.
Williamsport Furniture Co., Williamsport, Pa.
Wm. F. Worn & Co., 71 George St., Brooklyn, N. Y.

A. METALLIC WARDROBES.
Fenton Metallic Mfg. Co., Jamestown, N. Y.

B. OFFICE WARDROBES.
Hemmer Bros., Newark, N. J.
H. C. Swain & Son, Inc., 317 Pearl St., New York.

C. PORTABLE WARDROBES.
Cron, Kills & Co., Piqua, O.

656. WASHSTANDS.
Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.
Hawks Furniture Co., Goshen, Ind.
Mattoon Mfg. Co., Sheboygan, Wis.
Merriam, Hall & Co., N. Leominister, Mass.
Robt. Mitchell Furniture Co., Cincinnati, O.
Josiah Partridge & Sons, 358 Pearl St., New York.
L. Puster & Co., Evansville, Ind.
St. Johns Mfg. Co., St. Johns, Mich.
Scarritt-Comstock Furn. Co., 414 N. 4th St., St. Louis, Mo.
Sligh Furniture Co., Grand Rapids, Mich.
Stow & Davis Furniture Co., Grand Rapids, Mich.
Winkler Furniture Co., Lexington, Mo.

A. DESK WASH STANDS.
Forest City Furniture Co., Rockford, Ill.
Indiana Furniture Co., Fort Wayne, Ind.

B. IRON AND STEEL WASH STANDS.
Oscar E. A. Wiessner, 7th St. & 3d Av., Brooklyn, N. Y.

C. RESERVOIR WASH STANDS.
Forest City Furniture Co., Rockford, Ill.
Indiana Furniture Co., Fort Wayne, Ind.
Fred. J. Meyers Mfg. Co., Hamilton, O.

D. TABLE & DESK WASH STANDS.
Forest City Furniture Co., Rockford, Ill.

657. WHATNOTS.
Fletcher & Webster Furniture Co., Nashua, N. H.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Chas. Lersch, 520 E. 17th St., New York.
Nieman & Weinhardt Table Co., 400 N. Wood St., Chic., Ill.
E. Schloss & Co., 504 Cherry St., New York.

XVI. GLASS AND GLASSWARE.

658. BAR WARE, GLASS.

American Lamp Chimney Co., Toledo, O.
Central Glass Works, Wheeling, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Gillinder & Sons, Inc., 135 Oxford St., Philadelphia, Pa.
A. H. Heisey & Co., Inc., Newark, O.
Libbey Glass Co., Toledo, O.
S. McKee & Co., Pittsburg, Pa.
North Wheeling Glass Co., Inc., Wheeling, W. Va.
O'Hara Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.
Rochester Tumbler Co., Pittsburg, Pa.
Toledo Glass Co., Toledo, O.
United States Glass Co., Pittsburg, Pa.

659. BEER MUGS.

Central Glass Works, Wheeling, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Gillinder & Sons., Inc., 135 Oxford St., Philadelphia, Pa.
A. H. Heisey & Co., Inc., Newark, O.
Libbey Glass Co., Toledo. O.
S. McKee & Co., Pittsburg, Pa.
North Wheeling Glass Co., Inc., Wheeling, W. Va.
O'Hara Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.
Rochester Tumbler Co., Pittsburg, Pa.
Toledo Glass Co., Toledo, O.

660. BIRD BATHS.

Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
S. McKee & Co., Pittsburg, Pa.

661. BOTTLES.

A. BLUE GLASS BOTTLES.

More, Jonas Glass Co., Bridgeton, N. J.

B. FLINT GLASS BOTTLES.

Agnew Co., Ltd., Pittsburg, Pa.
Anderson Flint Bottle Co., Anderson, Ind.
Baker Bros. & Co., Baltimore, Md.
Bellaire Bottle Co., Inc., Bellaire, O.
Burgin & Sons, 127 Arch St., Philadelphia, Pa.
Chambers Glass Co., Arnold, Pa.
Dithridge & Co., Pittsburg, Pa.
C. L. Flaccus Glass Co., Pittsburg, Pa.
J. T. & A. Hamilton, Pittsburg, Pa.
T. G. Hawles & Co., Corning, N. Y.
Hazel Glass Co., Washington, Pa.
Hemingray Glass Co., Muncie, Ind.
Hogan-Evans Co., Pittsburg, Pa.
North Wheeling Glass Co., Inc., Wheeling, W. Va.
Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Point Bottle Works, Ltd., Rochester, Pa.
Poughkeepsie Glass Works, Poughkeepsie, N. Y.
St. Louis Glass & Queensware Co., St. Louis, Mo.
Standard Flint Glass Works, 1120 N. Orianna St., Phila., Pa.
Swindell Bros., Baltimore, Md.
Tibby Bros., Pittsburg, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.
Whitney Glass Works, Glassboro, N. J.
Thos. Wightman Glass Co., Pittsburg, Pa.

C. GREEN GLASS BOTTLES.

Amer. Glass Co., Pittsburg, Pa.
Baker Bros. & Co., Baltimore, Md.
Ball Glass Works, Munice, Ind.
H. B. Benners, 27 S. Front St., Philadelphia, Pa.
Bridgeport Glass Co., Inc., Bridgeport, O.
Brookfield Glass Co., 220 Broadway, New York.
Burgin & Sons, 127 Arch St., Philadelphia, Pa.
Clyde Glass Works, Clyde, N. Y.
Cohansey Glass Mfg. Co., 822 Witherspoon Bldg., Phila., Pa.
Crystal Glass Co., Inc., Bridgeport, O.
Cumberland Glass Mfg. Co., Bridgeport, N. J.
D. O. Cunningham Glass Co., Pittsburg, Pa.
Cunningham & Co., Ltd., Pittsburg, Pa.
Dalzell, Gilmore & Leighton Co., Findlay, O.
Edw. H. Everett Co., Newark, O.
H. C. Fox & Sons, Sutherland Av., Philadelphia, Pa.

Gaynor Glass Works, Salem, N. J.
Gotham Co., 82 Warren St., New York.
Hagerty Bros. & Co., 10 Platt St., New York.
J. T. & A. Hamilton, Pittsburg, Pa.
Hemingray Glass Co., Covington, Ky.
Hero Fruit Jar Co., Gaul, c. Adams St., Philadelphia, Pa.
Ihmsen Glass Co., Ltd., Pittsburg, Pa.
Illinois Glass Co., Alton, Ill.
Kearns-Gorsuch Bottle Co., Zanesville, O.
Lockport Glass Works, Lockport, N. Y.
Mason Fruit Jar Co., Frankfort, c. Stiles St., Phila., Pa.
Mattson Rubber Co., 11 Broadway. New York.
Wm. McCully & Co., Pittsburg, Pa.
Moore Bros. Glass Co., Clayton, N. J.
More-Jonas Glass Co., Bridgeton, N. J.
Poughkeepsie Glass Works, Poughkeepsie, N. Y.
Reed & Co., Massillon, O.
Saml. C. Tatum Co., John, Front & Water Sts., Cincin., O.
San Fran. & Pacific Glass Works, San Francisco, Cal.
Streator Bottle & Glass Co., Streator, Ill.
Swindell Bros., Baltimore, Md.
Thatcher Mfg. Co., Potsdam, N. Y.
Toledo Glass Co., Toledo, O.
Tyer Rubber Co., Andover, Mass.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.
Whitney Glass Works, Glassboro, N. J.
Thomas Wightman Glass Co., Pittsburg, Pa.
Woodbury Glass Works, Woodbury, N. J.

D. PRESCRIPTION & DRUGGISTS' BOTTLES.

Bellaire Bottle Co., Inc., Bellaire, O.
Butler Bros., Chicago, Ill.
Central Glass Works, Wheeling, W. Va.
C. Dorflinger & Sons, 915 Broadway. New York.
C. L. Flaccus Glass Co., Pittsburg, Pa.
H. C. Fox & Sons, Sutherland Av., Philadelphia, Pa.
Hagerty Bros. & Co., 10 Platt St., New York.
W. H. Hamilton Co., Pittsburg, Pa.
Hazel Glass Co., Pittsburg, Pa.
A. H. Heisey & Co., Inc., Newark. O.
Illinois Glass Co., Alton, Ill.
Libbey Glass Co., Toledo, O.
Wm. McCully & Co., Pittsburg, Pa.
McKee Bros., Jeannette, Pa.
J. Merriman & Co., Beaver Falls, Pa.
Montgomery Ward & Co., 111 Michigan Av., Chicago, Ill.
Moore Bros. Glass Co., Clayton, N. J.
Pennsylvania Glass Co., Anderson, Ind.
Phoenix Glass Co., Pittsburg, Pa.
Point Bottle Works, Ltd., Rochester, Pa.
Rochester Tumbler Co., Pittsburg, Pa.
San Fran. & Pacific Glass Works, San Francisco, Cal.
St. Louis Glass & Queensware Co., St. Louis, Mo.
Swindell Bros., Baltimore, Md.
United States Glass Co., Pittsburg, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.
Whitney Glass Works, Glassboro, N. J.
Thos. Wightman Glass Co., Pitsburg, Pa.
Wormser Glass Co., Pittsburg, Pa.
R. G. Wright & Co., Buffalo, N. Y.

662. BOTTLE STOPPERS.

Deverall Mfg. Co., 26 Cliff St., New York.
H. C. Fox & Sons, Sutherland Av., Philadelphia, Pa.

663. CARBOYS.

Henry B. Benners. 27 S. Front St., Philadelphia, Pa.
Brookfield Glass Co., 220 Broadway. New York.
Burgin & Sons, 127 Arch St., Philadelphia, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

664. CASTERS, GLASS.

Bellaire Bottle Co., Inc., Bellaire, O.
Central Glass Co., Wheeling, W. Va.
H. C. Fox & Sons. Sutherland Av., Philadelphia, Pa.
S. McKee & Co., Pittsburg, Pa.
Massillon Glass Works, Massillon, O.
National Glass Works, Bellaire. O.
O'Hara Glass Co., Pittsburg, Pa.
Riverside Glass Works, Inc., Wellsburg, W. Va.
Royal Glass Co., Inc., Marietta, O.

665. DECANTERS.

Central Glass Co., Wheeling, W. Va.
O'Hara Glass Co., Pittsburg, Pa.

666. DEMIJOHNS.

Brookfield Glass Co., 220 Broadway, New York.

Burgin & Sons, 127 Arch St., Philadelphia, Pa.
Poughkeepsie Glass Works, Poughkeepsie, N. Y.
San Fran. & Pacific Glass Works, San Francisco, Cal.

667. FISH GLOBES & AQUARIA.

Co-operative Flint Glass Co., Beaver Falls, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
S. McKee & Co., Pittsburg, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

A. AQUARIA.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.

668. GLASS.

A. AIR PORT GLASS.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.

B. ASBESTOS WIRE GLASS.
Davis Glass Co., Pittsburg, Pa.

C. BENT GLASS.
Amer. Plate Glass Co., 717 Grant St., Pittsburg, Pa.
Pittsburg Plate Glass Co., Pittsburg, Pa.

D. BEVELLED PLATE GLASS.
B. L. Anderson & Co., 45 W. Superior St., Chicago, Ill.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.
Semon, Bache & Co., 443 Greenwich St., New York.

E. CATHEDRAL, ROUGH, PLATE & TILE GLASS.
American Plate Glass Co., 717 Grant St., Pittsburg, Pa.
Mississippi Glass Co., St. Louis, Mo.
Pitts. Plate Glass Co., Pittsburg, Pa.
Standard Plate Glass Co., Butler, Pa.
Streator Cathedral Glass Co., Streator, Ill.

F. CHIPPED GLASS.
Hafner-Lothman Mfg. Co., St. Louis, Mo.
Hartford City Glass Co., Hartford City, Ind.

G. EMBOSSED GLASS.
Saml. H. French & Co., York Av. & 4th St., Phila., Pa.
J. & R. Lamb, 23 6th Av., New York.
Geo. A. Misch's Sons, 143 Ontario St., Chicago, Ill.
Redding, Baird & Co., 83 Franklin St., Boston, Mass.

H. ENAMELLED GLASS.
J. & R. Lamb, 59 Carmine St., New York.
Geo. A. Misch's Sons, 143 Ontario St., Chicago, Ill.
Redding, Baird & Co., 83 Franklin St., Boston, Mass.

I. GROUND GLASS.
Cohansey Glass Mfg. Co., 822 Witherspoon Bldg., Phila., Pa.
Golding & Sons Co., Trenton, N. J.
Hartford City Glass Co., Hartford City, Ind.
Geo. A. Misch's Sons, 143 Ontario St., Chicago, Ill.
Phillips Glass Co., Inc., Pittsburg, Pa.
Standard Plate Glass Co., Butler, Pa.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

J. JEWELLED GLASS.
Louis Heidt, White, c. Boerum Sts., Brooklyn, N. Y.
J. & R. Lamb, 23 6th Av., New York.
Leo Popper & Sons, 5 Sullivan St., New York.
Redding, Baird & Co., 83 Franklin St., Boston, Mass.

K. LEAD GLASS BLANKS.
Lippincott Glass Co., Alexandria, Ind.

L. MIRROR GLASS.
Amer. Plate Glass Co., 717 Grant St., Pittsburg, Pa.
Decorative Stained Glass Co., 46 Wash. Sq., S., New York.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.
Heroy & Marrenner, 426 W. Broadway, New York.
Jackson Glass Works. Jackson, Mich.
Jacques Kahn, 27 Bleecker St., New York.
Louisville Silvering & Beveling Co., Louisville, Ky.
Missouri Glass Co., St. Louis, Mo.
San Fran. & Pacific Glass Wks., Inc., San Francisco, Cal.
Tarentum Mirror & Art Glass Co., Tarentum, Pa.
Tiffany Glass & Decorating Co., 333 4th Av., New York.
C. D. Widman & Co., Detroit, Mich.

M. MOSAIC GLASS.
J. & R. Lamb, 23 6th Av., New York.
McCully & Miles Co., 178 Wabash Av., Chicago, Ill.
Redding Baird & Co., 83 Franklin St., Boston, Mass.
St. Paul Stained Glass Co., St. Paul, Minn.
Smith Bros., New Bedford, Mass.
Tiffany Glass Decorating Co., 333 4th Av., New York.

N. OPAL GLASS BLANKS, DECORATORS'.
Rodefer Bros., Bellaire, O.

O. PLATE GLASS.
Amer. Plate Glass Co., 717 Grant St., Pittsburg. Pa.
W. C. De Pauw Co., New Albany, Ind.
Howard Plate Glass Co., Duquesne, Pa.
Marsh Plate Glass Co., Carnegie Bldg., Pittsburg, Pa.
Pittsburg Plate Glass Co., Pittsburg, Pa.
Standard Plate Glass Co., Butler, Pa.

P. STAINED GLASS.
Continental St. Glass Works, 440 Tremont St., Boston, Mass.
Copeland Glass Co., Denver, Col.
Dukes & Schmitt, 2129 Market St., Philadelphia, Pa.
Gorham Mfg. Co., Providence, R. I.
R. S. Groves, 617 S. Broad St., Philadelphia, Pa.
Keystone Stained Glass Works, 271 S. 5th St., Phila., Pa.

J. & R. Lamb, 59 Carmine St., New York.
McCully & Miles Co., 178 Wabash Av., Chicago, Ill.
Geo. A. Misch's Sons, 143 Ontario St., Chicago, Ill.
Redding, Baird & Co., 83 Franklin St., Boston, Mass.
St. Paul Stained Glass Co., St. Paul, Minn.
Tiffany Glass & Decorating Co., 333 4th Av., New York.
Wells Glass Co., 1441 Monadnock Bldg., Chicago, Ill.
Western Sand Blast Co., Jackson & Clinton, Chicago, Ill.
S. H. Worcester, Des Moines, Iowa.

Q. WINDOW GLASS.

Amer. Window Glass Co., Gas City, Ind.
Baker Bros. & Co., Baltimore, Md.
Barnesville Glass Co., Inc., Barnesville, O.
Bates Window Glass Co., Dunkirk, Ind.
Beatty-Brady Glass Co., Dunkirk, Ind.
Bodine Glass Works, Williamstown, N. J.
T. Campbell Co., Pittsburg, Pa.
Chambers Glass Co., Arnold, Pa.
Cleveland Window Glass Co., Cleveland, O.
Alex. Cochran, Quaker City, O.
Cohansey Glass Mfg. Co., 822 Witherspoon Bldg., Phila., Pa.
Newman Cowen's Son, 394 W. Broadway, New York.
D. O. Cunningham Glass Co., Pittsburg, Pa.
Cunninghams & Co., Ltd., Pittsburg, Pa.
Dalzell, Gilmore & Leighton Co., Findlay, O.
W. C. De Pauw Co., New Albany, Ind.
Dunkirk Window Glass Co., Dunkirk, Ind.
Eastern Sash, Door & Glass Co., 654 W. 30th St., New York.
Elmira Glass Co., Elmira, N. Y.
Enterprise Window Glass Co., Dunkirk, Ind.
Gem Window Glass Co., Dunkirk, Ind.
Globe Window Glass Co., Findlay, O.
Gray & Son, Falls Creek, Pa.
Hartford City Glass Co., Hartford City, Ind.
Hires & Co., Quinton, N. J.
Ihmsen Glass Co., Pittsburg, Pa.
Jonas-More Glass Co., Bridgeton, N. J.
Lawrence Glass Co., New Castle, Pa.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Maring, Hart & Co., Muncie, Ind.
Wm. McCully & Co., Pittsburg, Pa.
McKee Bros., Jeannette, Pa.
National Glass Works, Bellaire, O.
Ohio Flint Glass Co., Dunkirk, Ind.
Phillips Glass Co., Inc., Pittsburg, Pa.
Pittsburg Glass Co., Allegheny City, Pa.
C. Schmertz Glass Co., Inc., Pittsburg, Pa.
Henry Seim & Co., Baltimore, Md.
Sheldon-Foster Glass Co., Gas City, Ind.
Shenango Glass Co., New Castle, Pa.
Stewart-Estep Glass Co., Marion, Ind.
Swindell Bros., Baltimore, Md.
United Glass Co., Syracuse, N. Y.
United States Glass Co., Pittsburg, Pa.
Thos. Wightman Glass Co., Pittsburg, Pa.
Woodbury Glass Works, Woodbury, N. J.
Wood Glass Co., Syracuse, N. Y.

669. GLASSWARE.

A. ART GLASSWARE.

Mt. Washington Glass Co., New Bedford, Mass.
Phoenix Glass Co., Pittsburg, Pa.
Tiffany Glass & Decorating Co., 333 4th Av., New York.

B. BLOWN GLASSWARE.

Beaumont Glass Co., Martin's Ferry, O.
Brox & Ryall, Port Jervis, N. J.
Bryce Bros. Co., Inc., Pittsburg, Pa.
Bryce, Higbee & Co., Homestead, Pa.
Central Glass Works, Inc., Wheeling, W. Va.
Chambers & McKee Glass Co., Jeannette, Pa.
Chambers Glass Co., Arnold, Pa.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Corning Glass Works, Corning, N. Y.
Crystal Glass Co., Bridgeport, O.
Dalzell, Gilmore & Leighton Co., Findlay, O.
Dithridge & Co., Pittsburg, Pa.
C. Dorflinger & Sons, White Mills, Pa.
Enterprise Glass Works, Martin's Ferry, O.
Thos. Evans Co., Pittsburg, Pa.
C. L. Flaccus Glass Co., Pittsburg, Pa.

Gill & Co., 2327 E. Thomson St., Philadelphia, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Hemingrey Glass Co., Munice, Ind.
F. Hormann & Son, 2567 Salmon St., Philadelphia, Pa.
John J. Kreutzer & Co., Peru, Ind.
Libbey Glass Co., Toledo, O.
Geo. A. Macbeth & Co., Pittsburg, Pa.
Massillon Glass Works, Massillon, O.
McKee Bros., Jeannette, Pa.
J. Merriman & Co., Beaver Falls, Pa.
Montgomery Ward & Co., 111 Michigan Av., Chicago, Ill.
Mt. Washington Glass Co., New Bedford, Mass.
Jas. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
O'Hara Glass Co., Pittsburg, Pa.
Phoenix Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.
Rochester Tumbler Co., Pittsburg, Pa.
Rodefer Bros., Bellaire, O.
Tarentum Glass Co., Tarentum, Pa.
Saml. C. Tatum Co., John, Front & Water Sts., Cincin., O.
United States Glass Co., Pittsburg, Pa.
Westmoreland Specialty Co., Grapeville, Pa.
West Virginia Glass Mfg. Co., Martin's Ferry, O.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

C. CHEMISTS' GLASSWARE.

Baker Bros. & Co., Baltimore, Md.
Edmands & Hooper, Charlestown, Mass.
Eimer & Amend, 205 3d Av., New York.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Lippincott Glass Co., Alexandria, Ind.
Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Red Wing Stoneware Co., Red Wing, Minn.
Standard Flint Glass Works, 1120 N. Orianna St., Phila., Pa.
United States Glass Co., Pittsburg, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

D. CUT GLASSWARE.

J. D. Bergen Co., Meriden, Conn.
Central Glass Works, Inc., Wheeling, W. Va.
Corning Glass Works, Corning, N. Y.
C. Dorflinger & Sons, 915 Broadway, New York.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Samuel H. French & Co., York Av. & 4th St., Phila., Pa.
S. George Co., Wellsburg, W. Va.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Hafner-Lothman Mfg. Co., Dock & Main Sts., St. Louis, Mo.
Thos. G. Hawkes & Co., Corning, N. Y.
J. Hoare & Co., Corning, N. Y.
Hunt & Sullivan, Corning, N. Y.
Libbey Glass Co., Toledo, O.
Geo. A. Misch's Sons, 143 Ontario St., Chicago, Ill.
Mt. Washington Glass Co., New Bedford, Mass.
Phoenix Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.

E. FANCY COLORED GLASSWARE.

Bonita Glass Co., Cicero, Ind.
Beaumont Glass Co., Martin's Ferry, O.
Central Glass Works, Wheeling, W. Va.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Dalzell, Gilmore & Leighton Co., Findlay, O.
Geo. Duncan's Sons & Co., Washington, Pa.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Arthur Fricke, 718 Arch St., Philadelphia, Pa.
A. H. Heisey & Co., Newark, O.
F. Hormann & Son, 2567 Salmon St., Philadelphia, Pa.
Indiana Tumbler & Goblet Co., Greentown, Ind.
McKee & Bros., Pittsburg, Pa.
Mt. Washington Glass Co., New Bedford, Mass.
A. E. Mueller Glass Staining Co., Pittsburg, Pa.
Northwood Co., Indiana, Pa.
Phoenix Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.
L. J. Rodgers, Pittsburg, Pa.
Smith Bros., New Bedford, Mass.
Sneath Glass Co., Hartford City, Ind.
Tarentum Glass Co., Tarentum, Pa.
United States Glass Co., Pittsburg, Pa.
W. Va. Glass Mfg. Co., Martin's Ferry, O.

F. GLASSWARE NOVELTIES.

Atterbury Glass Co., Inc., Pittsburg, Pa.
Bonita Glass Co., Inc., Cicero, Ind.
Beaumont Glass Co., Martin's Ferry O.
Bryce, Higbee & Co., Homestead, Pa.
Central Glass Works, Wheeling, W. Va.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Dalzell, Gilmore & Leighton Co., Findlay, O.
Dithridge & Co., Pittsburg, Pa.
Geo. Duncan's Sons & Co., Washington, Pa.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
McKee Bros., Jeannette, Pa.
O'Hara Glass Co., Pittsburg, Pa.
Phoenix Glass Co., Pittsburg, Pa.
Pittsburg Glass & Ceremic Mfg. Co., Pittsburg, Pa.
Rodefer Bros., Bellaire, O.
Riverside Glass Works, Wellsburg, W. Va.
Tarentum Glass Co., Tarentum, Pa.
Westmoreland Specialty Co., Grapeville, Pa.

G. OPALESCENT GLASSWARE.

Phoenix Glass Co., Pittsburg, Pa.
Washington Glass Mfg. Co., Washington, Pa.

H. PRESSED FLINT GLASSWARE.

Atterbury Glass Co., Pittsburg, Pa.
Brookfield Glass Co., 220 Broadway, New York.
Brox & Ryall, Port Jervis, N. Y.
Bryce Bros. Co., Pittsburg, Pa.
Bryce, Higbee & Co., Homestead, Pa.
Burgin & Sons, 127 Arch St., Philadelphia, Pa.
Butler Bros., 230 Adams St., Chicago, Ill.
Central Glass Co., Summitville, Ind.
Central Glass Works, Wheeling, W. Va.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Corning Glass Works, Corning, N. Y.
Crystal Glass Co., Bridgeport, O.
Dalzell, Gilmore & Leighton Co., Findlay, O.
John Dannenhoffer Glass Works, Brooklyn, N. Y.
Dithridge & Co., Pittsburg, Pa.
C. Dorflinger & Sons, 915 Broadway, New York.
Geo. Duncan's Sons & Co., Washington, Pa.
Enterprise Glass Works, Martin's Ferry, O.
Thos. Evans Co., Pittsburg, Pa.
Fidelity Glass Co., Tarentum, Pa.
C. L. Flaccus Glass Co., Tarentum, Pa.
Fostoria Glass Co., Moundsville, W. Va.
H. C. Fox & Sons, Sutherland Av., Philadelphia, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Hagerty Bros. & Co., 10 Platt St., New York.
A. H. Heisey & Co., Newark, O.
Hemingray Glass Co., Muncie, Ind.
F. Hormann & Son, 2567 Salmon St., Philadelphia, Pa.
Libbey Glass Co., Toledo, O.
Geo. A. Macbeth & Co., Pittsburg, Pa.
McKee Bros., Jeannette, Pa.
Montgomery Ward & Co., 111 Michigan Av., Chicago, Ill.
Mt. Washington Glass Co., New Bedford, Mass.
Jas. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
New England Glass Works, Toledo, O.
O'Hara Glass Co., Pittsburg, Pa.
Ohio Flint Glass Co., Dunkirk, Ind.
Oriental Glass Co., Pittsburg, Pa.
Phoenix Glass Co., Pittsburg, Pa.
Pittsburg Glass Co., Allegheny, Pa.
Riverside Glass Works, Wellsburg, W. Va.
Robinson Glass Co., Zanesville, O.
Rochester Tumbler Co., Pittsburg, Pa.
Rodefer Bros., Bellaire, O.
Tarentum Glass Co., Tarentum, Pa.
Uniontown Flint Glass Co., Uniontown, Pa.
United States Glass Co., Pittsburg, Pa.
Westmoreland Specialty Co., Grapeville, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

670. GRADUATED GLASSES.

Burgin & Sons, 127 Arch St., Philadelphia, Pa.
Hagerty Bros. & Co., 10 Platt St., New York.

671. JARS, GLASS.

Atterbury Glass Co., Inc., Pittsburg, Pa.
Co-operative Flint Glass Co., Ltd., Beaver Falls, Pa.

Excelsior Flint Glass Co., Pittsburg, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Hemingray Glass Co., Covington, Ky.
F. Hormann & Son, 2567 Salmon St., Philadelphia, Pa.
Keystone Telephone Co., 565 Old Av., Pittsburg, Pa.
Illinois Glass Co., Alton, Ill.
United States Glass Co., Pittsburg, Pa.

A. FRUIT JARS.
Atlas Glass Co., Washington, Pa.
Ball Glass Works, Muncie, Ind.
Cohansey Glass Mfg. Co., 822 Witherspoon Bldg., Phila., Pa.
Cumberland Glass Mfg. Co., Bridgeton, N. J.
W. C. De Pauw Co., New Albany, Ind.
Gilchrist Jar Co., 515 Drexel Bldg., Philadelphia, Pa.
Hemingray Glass Co., Covington, Ky.
Hero Fruit Jar Co., Gaul & Adams Sts., Philadelphia, Pa.
Illinois Glass Co., Alton, Ill.
Marion Fruit Jar & Bottle Co., Marion, Ind.
Mason Fruit Jar Co., Frankford, cor. Stiles, Philadelphia, Pa.
Moore Bros. Glass Co., Clayton, N. J.
F. H. Palmer Mfg. Co., 96 Water St., New York.
Poughkeepsie Glass Works, Poughkeepsie, N. Y.
Redkey Glass Co., Redkey, Ind.
Sneath Glass Co., Hartford City, Ind.
Woodbury Glass Works, Woodbury, N. J.
Wormser Glass Co., Pittsburg, Pa.
R. G. Wright & Co., Buffalo, N. Y.

B. MILK JARS.
Burgin & Sons, 127 Arch St., Philadelphia, Pa.
Cumberland Glass Mfg. Co., Bridgeton, N. J.
W. H. Hamilton & Co., Pittsburg, Pa.
A. V. Whiteman, 144 Chambers St., New York.

672. LABELS, GLASS.
Hagerty Bros. & Co., 10 Platt St., New York.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

673. LETTERS, GLASS.
Asbury Glass Sign Co., 43 John St., New York.
Wm. Sedgwick, 260 Clark St., Chicago, Ill.

674. MOLASSES PITCHERS.
Bonita Glass Co., Cicero, Ind.
Central Glass Works, Wheeling, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
H. C. Fox & Sons, Sutherland Av., Philadelphia, Pa.
S. McKee & Co., Pittsburg, Pa.
Northwood Co., Indiana, Pa.
O'Hara Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.

675. SILVER MOUNTED GLASS GOODS.
Simmons & Paye, 129 Eddy St., Providence, R. I.

676. STEINWARE.
Aetna Mfg. Co., Bellaire, O.
Beaumont Glass Co., Martin's Ferry, O.
Bonita Glass Co., Cicero, Ind.
Canton Glass Co., Marion, Ind.
Central Glass Works, Wheeling, W. Va.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Geo. Duncan's Sons & Co., Washington, Pa.
Fostoria Glass Co., Moundsville, W. Va.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Marietta Glass Co., Red Key, Ind.
McKee & Bros., Pittsburg, Pa.
Northwood Co., Indiana, Pa.
O'Hara Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.
Tarentum Glass Co., Tarentum, Pa.
United States Glass Co., Pittsburg, Pa.

677. SYRINGES, GLASS.
P. J. McElroy, East Cambridge, Mass.
Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

678. TUBES, GLASS.
Hunt & Connell Co., 434 Lackawanna Av., Scranton, Pa.
Lippincott Glass Co., Alexandria, Ind.
P. J. McElroy, East Cambridge, Mass.
Mount Washington Glass Co., New Bedford, Mass.
Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Standard Flint Glass Works, 1120 N. Orianna St., Phila., Pa.

679. TUMBLERS.
Amer. Lamp Chimney Co., Toledo, O.
Beaumont Glass Co., Martin's Ferry, O.
Bonita Glass Co., Cicero, Ind.
Canton Glass Co., Marion, Ind.
Central Glass Works, Wheeling, W. Va.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Co-operative Flint Glass Co., Ltd., Beaver Falls, Pa.

Geo. Duncan's Sons & Co., Washington, Pa.
Eagle Glass Co., Wellsburg, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Indiana Tumbler & Goblet Co., Greentown, Ind.
S. McKee & Co., Pittsburg, Pa.
Northwood Co., Indiana, Pa.
O'Hara Glass Co., Pittsburg, Pa.
Rochester Tumbler Co., Pittsburg, Pa.
United States Glass Co., Pittsburg, Pa.

680. WATER SETS.
Anchor Silver Plate Co., Oswego, N. Y.
Atterbury Glass Co., Inc., Pittsburg, Pa.
Canton Glass Co., Marion, Ind.
Central Glass Works, Wheeling, W. Va.
Co-operative Flint Glass Co., Ltd., Beaver Falls, Pa.
Indiana Tumbler & Goblet Co., Greentown, Ind.
Marietta Glass Co., Red Key, Ind.
S. McKee & Co., Pittsburg, Pa.
O'Hara Glass Co., Pittsburg, Pa.
Riverside Glass Works, Wellsburg, W. Va.
United States Glass Co., Pittsburg, Pa.

XVII. HARDWARE.

681. AWNING FRAMES.
Estate of Arthur McArdle, 511 Bainbridge St., Phila., Pa.
H. & G. Linderschmidt, Evansville, Ind.
L. Schreiber & Sons Co., Eggleston & 8th Sts., Cincinnati, O.

A. AWNING BLIND FIXTURES.
Wire Goods Co., Worcester, Mass.

B. AWNING FRAME FITTINGS.
Henry B. Pancoast & Co., 243-245 S. 3d St., Philadelphia, Pa.
Roberts Bros. Co., 71 Market St., Chicago, Ill.

682. BELL FIXTURES.

A. BELL CRANKS.
P. & F. Corbin, New Britain, Conn.
Sargent & Co., New Haven, Conn.

B. BELL LEVERS, BRONZE.
Yale & Towne Mfg. Co., Stamford, Conn.

C. BELL PULLS.
Brittan & Mathes Co., Pittsburg, Pa.
Sargent & Co., New Haven, Conn.
Union Hardware Co., Torrington, Conn.
E. W. Vanduzen Co., Cincinnati, O.
Yale & Towne Mfg. Co., Stamford, Conn.

D. BELL WIRE ANGLES.
E. W. Vanduzen Co., Cincinnati, O.

E. PNEUMATIC BELL RINGERS.
Edwards & Co., 144th St. & 4th Av., New York.

683. BELLS.
Peck, Stow & Wilcox Co., Southington, Conn.
U. S. Metallic Packing Co., 427 N. 13th St., Philadelphia, Pa.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

A. ALTAR BELLS.
Bevin Bros. Mfg. Co., E. Hampton, Conn.

B. AMALGAM BELLS.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

C. BICYCLE BELL PARTS.
Star Mfg. Co., 158 Whalley Av., New Haven, Conn.

D. BICYCLE BELLS.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Buescher Mfg. Co., Elkhart, Ind.
Clark Novelty Co., 380 Exchange St., Rochester, N. Y.
J. Doughty & Co., 50 N. 10th St., Philadelphia, Pa.
Gong Bell Mfg. Co., E. Hampton, Conn.
Matthews & Willard Mfg. Co., Waterbury, Conn.
New Departure Bell Co., Bristol, Conn.
Osterman Bell Co., 411 Main St., Philadelphia, Pa.
Chas. F. Stokes & Sons, Inc., 56 5th Av., Chicago, Ill.

E. BUZZERS.
Edwards & Co., 144th St. & 4th Av., New York.

F. CALL BELLS.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Chapman Mfg. Co., Meriden, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Landers, Frary & Clark, New Britain, Conn.
Low Art Tile Co., Chelsea, Mass.
Meriden Britannia Co., Meriden, Conn.

Meriden Bronze Co., Meriden, Conn.
New Departure Bell Co., Bristol, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.

G. CAR BELLS.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Cincinnati Bell Foundry Co., Cincinnati, O.
Mayer & England, 10 S. 10th St., Philadelphia, Pa.
New Departure Bell Co., Bristol, Conn.
Ohio Brass Co., Mansfield, O.
Phosphor Bronze Smelt. Co., Ltd., Wash. Av., Phila., Pa.
Pittsburg Steel Hollow Ware Co., Allegheny, Pa.
Seamless Structural Co., Milwaukee, Wis.
Sterling Supply & Mfg. Co., 141 E. 25th St., New York.
Western Electrical Supply Co., St. Louis, Mo.

H. CHIME BELLS.
McShane Bell Foundry, Baltimore, Md.
Meneely & Co., W. Troy, N. Y.
Meneely Bell Co., W. Troy, N. Y.
New Departure Bell Co., Bristol, Conn.
E. W. Van Duzen Co., Cincinnati, O.

I. CHURCH BELLS.
C. S. Bell & Co., Hillsboro, O.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Blymyer Iron Works Co., Cincinnati, O.
Cinn. Bell Foundry Co., Harriet St., Cincinnati, O.
W. T. Garratt & Co., Inc., San Francisco, Cal.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Meneely Bell Co., W. Troy, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
E. W. Van Duzen Co., Cincinnati, O.

J. COW BELLS.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Blake, Lamb & Co., Waterbury, Conn.
Mrs. G. A. Wilson, Collinsville, Ill.

K. DOOR BELL PARTS.
Star Mfg. Co., 158 Whalley Av., New Haven, Conn.

L. DOOR BELLS.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hardware Specialty Co., Newark, N. J.
New Departure Bell Co., Bristol, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Russell & Erwin Mfg. Co., 45 Chambers St.. New York.

M. DOOR BELLS, ALARM.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
New Departure Bell Co., Bristol, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

N. DOOR LEVER BELLS.
Gong Bell Mfg. Co., East Hampton, Conn.
Sargent & Co., New Haven, Conn.

O. ENGINE BELLS.
Bevin Bros. Mfg. Co., East Hampton, Conn.
McShane Bell Foundry, Baltimore, Md.
J. Regester & Sons, Baltimore, Md.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
E. W. Van Duzen Co., Cincinnati, O.
Wheeler Foundry Co., Worcester, Mass.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

P. FACTORY BELLS.
Blymyer Iron Works Co., Cincinnati, O.
Goulds Mfg. Co., Seneca Falls, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Meneely & Co., W. Troy, N. Y.
Meneely Bell Co., W. Troy, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

Q. FARM BELLS.
C. S. Bell & Co., Hillsboro, O.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Wm. C. Downey & Co., Springfield, O.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
R. R. Howell & Co., Minneapolis, Minn.
Lehr Agricultural Co., Fremont, O.
Meneely Bell Co., W. Troy, N. Y.
Ewald Over, Indianapolis, Ind.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Sutton Bros. & Bell, Indiana, Pa.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

R. FERRY BELLS.
Meneely Bell Co., W. Troy, N. Y.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

S. FIRE ALARM BELLS.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Blymyer Iron Works Co., Cincinnati, O.
Cinn. Bell Foundry Co., Harriet St., Cincinnati, O.
W. T. Garratt & Co., Inc., San Francisco, Cal.

New Departure Bell Co., Bristol, Conn.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
E. W. Vanduzen Co., Cincinnati, O.
Viaduct Electric Co., 10 S. Howard St., Baltimore, Md.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

T. FOG BELLS. Bevin Bros. Mfg. Co., E. Hampton, Conn.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

U. GONG BELLS. Ashcroft Mfg. Co., 111 Liberty St., New York.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Chapman Mfg. Co., Meriden, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Meriden Bronze Co., Meriden, Conn.
New Departure Bell Co., Bristol, Conn.
D. W. Sexton, East Hampton, Conn.
E. W. Vanduzen Co., Cincinnati, O.
E. A. Williams & Son, 105-111 Plymouth, Jersey City, N. J.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

V. HAND BELLS. C. S. Bell & Co., Hillsboro, O.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Landers, Frary & Clark, New Britain, Conn.
E. A. Williams & Son, 105-111 Plymouth, Jersey City, N. J.

W. HOTEL BELLS. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Meriden Bronze Co., Meriden, Conn.

X. HOUSE BELLS. Bevin Bros. Mfg. Co., East Hampton, Conn.
New Departure Bell Co., Bristol, Conn.
Sargent & Co., New Haven, Conn.

Y. JINGLE BELLS. Bevin Bros. Mfg. Co., East Hampton, Conn.

Z. LODGE BELLS. Bevin Bros. Mfg. Co., East Hampton, Conn.

AA. MECHANICAL BELLS. W. R. Ostrander & Co., 22 Dey St., New York.

BB. MULE BELLS. E. W. Vanduzen Co., Cincinnati, O.
Mrs. G. A. Wilson, Collinsville, Ill.

CC. ORGAN BELLS. D. W. Sexton, East Hampton, Conn.

DD. PEAL BELLS. Cinn. Bell Foundry Co., Harriet St., Cincinnati, O.
New Departure Bell Co., Bristol, Conn.
E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

EE. PRISON BELLS. E. A. Williams & Son, 107 Plymouth St., Jersey City, N. J.

FF. SCHOOL BELLS. C. S. Bell & Co., Hillsboro, O.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Blymyer Iron Works Co., Cincinnati, O.
Cinn. Bell Foundry Co., Harriet St., Cincinnati, O.
Goulds Mfg. Co., Seneca Falls, N. Y.
Jas. L. Haven & Co., 56 Plum St., Cincinnati, O.
Lehr Agricultural Co., Fremont, O.
E. W. Vanduzen Co., Cincinnati, O.
E. A. Williams & Son, 105-111 Plymouth, Jersey City, N. J.

GG. SHEEP BELLS. American Ring Co., Waterbury, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
W. H. Chapman & Co., Middletown, Conn.
Mrs. G. A. Wilson, Collinsville, Ill.

HH. SHIP BELLS. Bevin Bros. Mfg. Co., East Hampton, Conn.
E. W. Vanduzen Co., Cincinnati, O.
E. A. Williams & Son, 105-111 Plymouth St., Jersey City, N. J.

II. SIGNAL BELLS. Bevin Bros. Mfg. Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.

JJ. STEAMBOAT BELLS. Cinn. Bell Foundry Co., Cincinnati, O.
Gong Bell Mfg. Co., East Hampton, Conn.
Meneely & Co., W. Troy, N. Y.
Meneely Bell Co., W. Troy, N. Y.
E. W. Vanduzen Co., Cincinnati, O.
E. A. Williams & Son, 105-111 Plymouth St., Jersey City, N. J.

KK. TEA BELLS. Bevin Bros. Mfg. Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
A. S. Henn & Co., New Haven, Conn.
Meriden Bronze Co., Meriden, Conn.
New Departure Bell Co., Bristol, Conn.
R. Wallace Sons Mfg. Co., Wallingford, Conn.

LL. TEAM BELLS. Bevin Bros. Mfg. Co., East Hampton, Conn.

MM. TOWER CLOCK BELLS. Meneely & Co., W. Troy, N. Y.
Meneely Bell Co., W. Troy, N. Y.
E. W. Vanduzen Co., Cincinnati, O.

NN. TROLLEY BELLS. Providence Cycle Supply Co., Providence, R. I.

684. BLACKING BOX HOLDERS.

Wrightsville Hardware Co., Wrightsville, Pa.

685. BLIND & SHUTTER FIXTURES.

A. BLIND ADJUSTERS. Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.

B. BLIND FIXTURES, AUTOMATIC.
P. & F. Corbin, New Britain, Conn.
Wire Goods Co., Worcester, Mass.

C. SHUTTER BARS.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
Brittan & Mathes Co., Pittsburg, Pa.
Mallory, Wheeler Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

D. SHUTTER FLAPS.
Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
Brittan & Mathes Co., Pittsburg, Pa.
P. & F. Corbin, New Britain, Conn.
Stanley Works, New Britain, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

E. SHUTTER LOCKS & BOWERS.
Wrightsville Hardware Co., Wrightsville, Pa.

F. SHUTTER WORKERS.
T. B. Mallory, Flemington, N. J.

686. BOLT ENDS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Bolt Co., Lowell, Mass.
Anderson Iron & Bolt Co., Anderson, Ind.
Chickasaw Iron Works, Memphis, Tenn.
Clark Bros. & Co., Milldale, Conn.
Dickson Mfg. Co., Scranton, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
National Bolt, Nut & Rivet Works, Reading, Pa.
H. D. Smith & Co., Plantsville, Conn.
J. H. Sternbergh & Son, Reading, Pa. *33
Upson Nut Co., Cleveland, O.
Wheeling Hinge Co., Wheeling, W. Va.

687. BOLTS.
Chas. H. Besly & Co., 10 N. Canal St., Chicago, Ill.
Buffalo Bolt Co., Buffalo, N. Y.
Thos. Dimond, 128 W. 33d St., New York.
Ideal Mfg. Co., Oneida, N. Y.
Jeffrey Mfg. Co., Columbus, O.
Lombard Iron Works & Supply Co., Augusta, Ga.
Marland, Neely & Co., Ltd., Pittsburg, Pa.
National Bolt, Nut & Rivet Works, Reading, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Pittsburg Mfg. Co., Pittsburg, Pa.
Rhode Island Tool Co., Providence, R. I.
Upson Nut Co., Cleveland, O.
Wolff & Zwicker Iron Works, Portland, Ore.

A. ANCHOR BOLTS.
Riter-Conly Co., Pittsburg, Pa.

B. BARN DOOR BOLTS.
Chalfant Mfg. Co., Atglen, Pa.
Enterprise Mfg. Co., N. 3d & Dauphin Sts., Philadelphia, Pa.

C. BARREL BOLTS.
Peck, Stow & Wilcox Co., Southington, Conn.
Stanley Works, New Britain, Conn.

D. BELT BOLTS.
Wm. H. Haskell Co., Pawtucket, R. I.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Nat'l Bolt, Nut & Rivet Works, Reading, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
J. H. Sternbergh & Son, Reading, Pa. *33
Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill.

E. BICYCLE BOLTS.
Hartford Machine Screw Co., Hartford, Conn.

F. BILLIARD TABLE BOLTS.
Shelton Co., Derby, Conn.

G. BLANK BOLTS.
American Bolt Co., Lowell, Mass.
Chickasaw Iron Works, Memphis, Tenn.
Wm. H. Haskell Co., Pawtucket, R. I.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
J. H. Sternbergh & Son, Reading, Pa. *33

H. BRASS BOLTS.
Pawtucket Mfg. Co., Pawtucket, R. I.
Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.

I. BRIDGE BOLTS.
American Bolt Co., Lowell, Mass.
American Iron & Steel Co., Pittsburg, Pa.
Chattanooga Car Foundry Co., Chattanooga, Tenn.
Chic. Forge & Bolt Co., 40th St., c. Stewart Av., Chicago, Ill.
Chickasaw Iron Works, Memphis, Tenn.
Diamond State Iron Co., 29 Broadway, New York.
Fort Worth Iron Works, Fort Worth, Tex.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Litchfield Car Works, Litchfield, Ill.
Michigan Bolt & Nut Works, Detroit, Mich.
National Bolt, Nut & Rivet Works, Reading, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.

Penn. Bolt & Nut Co., Lebanon, Pa.
Pitts. Forge & Iron Co., Pittsburg, Pa.
Racine Malleable & Wrought Iron Co., Racine, Wis.
J. H. Sternbergh & Son, Reading, Pa. *33
Tudor Iron Works, 415 Locust St., St. Louis, Mo.
Upson Nut Co., Unionville, Conn.

J. BRONZE BOLTS.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phosphor Bronze Smelting Co., Ltd., Wash. Av., Phila., Pa.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.

K. BUTTON HEAD BOLTS.
Nat'l Bolt, Nut & Rivet Works, Reading, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Stanley Works, New Britain, Conn.
J. H. Sternbergh & Son, Reading, Pa. *33
Thornburgh-Creel Co., 41 Jefferson St., Chicago, Ill.

L. CAR BOLTS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
J. H. Sternbergh & Son, Reading, Pa. *33

M. CARRIAGE BOLTS.
Anderson Iron & Bolt Co., Anderson, Ind.
Atwater Mfg. Co., Plantsville, Conn.
Birmingham Bolt & Nut Works, Birmingham, Ala.
Chic. Forge & Bolt Co., 40th St., c. Stewart Av., Chicago, Ill.
Clark Bros. & Co., Milldale, Conn.
Columbus Bolt Works, Columbus, O.
C. Cowles & Co., New Haven, Conn.
L. D. Frost & Sons, Marion, Conn.
Lamson & Sessions Co., Cleveland, O.
Michigan Bolt & Nut Works, Detroit, Mich.
Franklin Moore Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., Main & Florida, St. Louis, Mo.
National Bolt, Nut & Rivet Works, Reading, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
Penna. Nut & Bolt Co., Lebanon, Pa.
Port Chester Bolt & Nut Co., Port Chester, N. Y.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Russell, Burdsall & Ward, Inc., Port Chester, N. Y.
Shelton Co., Derby, Conn.
Thos. P. Skelly & Co., 3212 Mantua Av., Philadelphia, Pa.
H. D. Smith & Co., Plantsville, Conn.
J. H. Sternbergh & Son, Reading, Pa. *33
Upson Nut Co., Cleveland, O.
Wheeling Hinge Co., Wheeling, W. Va.

N. CHAIN DOOR BOLTS.
Brass Goods Mfg. Co., 84 3d St., Brooklyn, N. Y.
Hobart B. Ives & Co., New Haven, Conn.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

O. COPPER BOLTS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
New Bedford Copper Co., New Bedford, Mass.
New Haven Copper Co., Seymour, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Taunton Copper Mfg. Co., Taunton, Mass.

P. COUPLING BOLTS.
Chicago Screw Co., 96 N. Washington St., Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Nat'l Bolt, Nut & Rivet Works, Reading, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Reynolds & Co., New Haven, Conn.
J. H. Sternbergh & Son, Reading, Pa. *33
Western Auto. Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Worcester, Mass.

Q. DOCK BOLTS.
National Bolt, Nut & Rivet Works, Reading, Pa.

R. DOOR BOLTS.
A. S. Henn & Son, New Haven. Conn,
Hobart B. Ives & Co., New Haven, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Penna. Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Greenleaf Co., Rochester, N. Y.
Stanley Works, New Britain, Conn.

S. DRIFT BOLTS.
Chickasaw Iron Works, Memphis, Tenn.
Mich. Bolt & Nut Works, Detroit, Mich.
J. H. Sternbergh & Son. Reading, Pa. *33
Tudor Iron Works, 415 Locust St., St. Louis, Mo.
Wheeling Hinge Co., Wheeling, W. Va.

T. ELEVATOR BOLTS.
American Screw Co., Providence, R. I.
W. J. Clark Co., Salem, O.

	Wm. H. Haskell Co., Pawtucket, R. I.
	National Bolt, Nut & Rivet Works, Reading, Pa.
	Pawtucket Mfg. Co., Pawtucket, R. I.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill.
U. EXPANSION BOLTS.	F. H. Evans, 596 Kent Av., Brooklyn, N. Y.
V. EXTENSION FLUSH BOLTS.	Brittan & Mathes Co., Pittsburg, Pa.
	Stanley Works, New Britain, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
W. EYE BOLTS.	Billings & Spencer Co., Hartford, Conn.
	Hurlbut Co., Racine, Wis.
	Keystone Drop Forge Co., 20th & Clearfield Sts., Phila., Pa.
	Mich. Bolt & Nut Works, Detroit, Mich.
	Pawtucket Mfg. Co., Pawtucket, R. I.
	Rhode Island Tool Co., Providence, R. I.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
	Wheeling Hinge Co., Wheeling, W. Va.
	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10
X. FANCY HEAD BOLTS.	Columbus Bolt Works, Columbus, O.
	Lamson & Sessions Co., Cleveland, O.
	Franklin Moore Co., Winsted, Conn.
	Pawtucket Mfg. Co., Pawtucket, R. I.
Y. FLUSH BOLTS	Peck, Stow & Wilcox Co., Southington, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
Z. FORGED BOLTS.	Diamond State Iron Co., 29 Broadway, New York.
	Pawtucket Mfg. Co., Pawtucket, R. I.
	J. H. Sternbergh & Son, Reading, Pa. *33
AA. GALVANIZED BOLTS.	Michigan Bolt & Nut Works, Detroit, Mich.
BB. HALTER & LARIAT BOLTS.	Elbel & Co., Canton, O.
CC. HANGER BOLTS.	National Bolt, Nut & Rivet Works, Reading, Pa.
DD. HEEL BOLTS.	Birmingham Bolt & Nut Works, Birmingham, Ala.
EE. JOINT BOLTS.	Dickson Mfg. Co., Scranton, Pa.
	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
	Mich. Bolt & Nut Works, Detroit, Mich.
	Pawtucket Mfg. Co., Pawtucket, R. I.
FF. KEY BOLTS.	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
	Moran Bolt & Nut Mfg. Co., Main & Florida, St. Louis, Mo.
	Pawtucket Mfg. Co., Pawtucket, R. I.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Atwater Mfg. Co., Plantsville, Conn.
GG. KING BOLTS.	E. D. Clapp Mfg. Co., Auburn, N. Y.
	Cleveland Hardware Co., Cleveland, O.
	Columbus Bolt Works, Columbus, O.
	E. Cowles & Co., New Haven, Conn.
	Richard Eccles, Auburn, N. Y.
	Racine Malleable & Wrought Iron Co., Racine, Wis.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Upson Nut Co., Unionville, Conn.
	D. Wilcox Mfg. Co., Mechanicsburg, Pa.
HH. LOOM BOLTS.	American Bolt Co., Lowell, Mass.
	Clark Bros. & Co., Milldale, Conn.
	Pawtucket Mfg. Co., Pawtucket, R. I.
II. MARINE BOLTS.	Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
	American Bolt Co., Lowell, Mass.
	Anderson Iron & Bolt Co., Anderson, Ind.
	Birmingham Bolt & Nut Works, Birmingham, Ala.
	Chic. Forge & Bolt Co., 40th St., c. Stewart Av., Chicago, Ill
	Chichasaw Iron Works, Memphis, Tenn.
	Clark Bros. & Co., Milldale, Conn.
	Columbus Bolt Works, Columbus, O.
	Diamond State Iron Co., 29 Broadway, New York.
	Wm. H. Haskell Co., Pawtucket, R. I.
	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
	Kansas City Bolt & Nut Co., Kansas City, Mo.
	Lamson & Sessions Co., Cleveland, O.
	Michigan Bolt & Nut Works, Detroit, Mich.
	National Bolt, Nut & Rivet Works, Reading, Pa.
	Pawtucket Mfg. Co., Pawtucket, R. I.
	Penn. Bolt & Nut Co., Lebanon, Pa.
	Shelton Co., Derby, Conn.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Upson Nut Co., Unionville, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
JJ. MORTISE KNOB BOLTS.	Brittan & Mathes Co., Pittsburg, Pa.
	Hobart B. Ives & Co., New Haven, Conn.

		Pawtucket Mfg. Co., Pawtucket, R. I.
		Russell & Erwin Mfg. Co., 45 Chambers St., New York.
		Sargent & Co., New Haven, Conn.
		Yale & Towne Mfg. Co., Stamford, Conn.
KK.	PATCH BOLTS.	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
		National Bolt, Nut & Rivet Works, Reading, Pa.
		Pawtucket Mfg. Co., Pawtucket, R. I.
		J. H. Sternbergh & Son, Reading, Pa. *33
		Western Automatic Machine Screw Co., Elyria, O.
LL.	PHOSPHOR-BRONZE BOLTS.	Phosphor Bronze Smelt'g Co., Ltd., 2200 Wash. Av., Phila., Pa.
MM.	PLANER HEAD BOLTS.	Hartford Machine Screw Co., Hartford, Conn.
		Western Automatic Machine Screw Co., Elyria, O.
		Worcester Machine Screw Co., Worcester, Mass.
NN.	PLOW BOLTS.	American Bolt Co., Lowell, Mass.
		Clark Bros. & Co., Milldale, Conn.
		Columbus Bolt Works, Columbus, O.
		Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
		Lamson & Sessions Co., Cleveland, O.
		Mich. Bolt & Nut Works, Detroit, Mich.
		National Bolt, Nut & Rivet Works, Reading, Pa.
		Pawtucket Mfg. Co., Pawtucket, R. I.
		Russell, Burdsall & Ward, Inc., Port Chester, N. Y.
		J. H. Sternbergh & Son, Reading, Pa. *33
		Upson Nut Co., Unionville, Conn.
OO.	RING BOLTS.	Wheeling Hinge Co., Wheeling, W. Va.
PP.	ROOF BOLTS.	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
		Kansas City Bolt & Nut Co., Kansas City, Mo.
		Franklin Moore Co., Winsted, Conn.
		Moran Bolt & Nut Mfg. Co., Main & Florida, St. Louis, Mo.
		National Bolt, Nut & Rivet Works, Reading, Pa.
		Pawtucket Mfg. Co., Pawtucket, R. I.
		Pittsburg Screw & Bolt Co., Pittsburg, Pa.
		Port Chester Bolt & Nut Co., Port Chester, N. Y.
		J. H. Sternbergh & Son, Reading, Pa. *33
QQ.	SHACKLE BOLTS, MILLED.	Blakeslee Forging Co., Plantsville, Conn.
RR.	SINK BOLTS.	American Screw Co., Providence, R. I.
		Lamson & Sessions, Cleveland, O.
		Reynolds & Co., New Haven, Conn.
		Upson Nut Co., Unionville, Conn.
SS.	SKEIN BOLTS.	Pawtucket Mfg. Co., Pawtucket, R. I.
TT.	SLEIGH SHOE BOLTS.	Franklin Moore Co., Winsted, Conn.
		Port Chester Bolt & Nut Co., Port Chester, N. Y.
		Upson Nut Co., Unionville, Conn.
UU.	SPECIAL BOLTS.	Clark Bros. & Co., Milldale, Conn.
VV.	SPRING BOLTS.	Franklin Moore Co., Winsted, Conn.
		Mumason & Beckley Mfg. Co., New Britain, Conn.
		Pawtucket Mfg. Co., Pawtucket, R. I.
		Upson Nut Co., Unionville, Conn.
		Van Wagoner & Williams Hdw. Co., 14 Warren, New York.
WW.	SQUARE CASED BOLTS.	Upson Nut Co., Unionville, Conn.
XX.	STAY BOLTS.	Falls Hollow Staybolt Co., Cuyahoga Falls, O.
		National Bolt, Nut & Rivet Works, Reading, Pa.
YY.	STOVE BOLTS.	American Screw Co., Providence, R. I.
		Chic. Forge & Bolt Co., 40th St., c. Stewart Av., Chicago, Ill.
		Clark Bros. & Co., Milldale, Conn.
		Columbus Bolt Works, Columbus, O.
		Lamson & Sessions Co., Cleveland, O.
		Mich. Bolt & Nut Works, Detroit, Mich.
		Mount Carmel Bolt Co., Mount Carmel, Conn.
		Peck, Stow & Wilcox Co., Southington, Conn.
		Reed & Prince Mfg. Co., Worcester, Mass.
		Reynolds & Co., New Haven, Conn.
		Russell & Erwin Mfg. Co., 45 Chambers St., New York.
		Russell, Burdsall & Ward, Inc., Port Chester, N. Y.
		Shelton Co., Derby, Conn.
		Southington Cutlery Co., Southington, Conn.
		Upson Nut Co., Cleveland, O.
ZZ.	STUD BOLTS.	American Bolt Co., Lowell, Mass.
		Chicago Screw Co., 96 W. Washington St., Chicago, Ill.
		Dickson Mfg. Co., Scranton, Pa.
		Hartford Machine Screw Co., Hartford, Conn.
		Wm. H. Haskell Co., Pawtucket, R. I.
		National Bolt, Nut & Rivet Works, Reading, Pa.
		Pawtucket Mfg. Co., Pawtucket, R. I.
		Penn. Nut & Bolt Co., Lebanon, Pa.

Port Chester Bolt & Nut Co., Port Chester, N. Y.
Reynolds & Co., New Haven, Conn.
J. H. Sternbergh & Son, Reading, Pa. *33
Western Automatic Machine Screw Co., Elyria, O.

AAA. TAP BOLTS.
American Bolt Co., Lowell, Mass.
Wm. H. Haskell Co., Pawtucket, R. I.
Mich. Bolt & Nut Co., Detroit, Mich.
Moran Bolt & Nut Mfg. Co., Main & Florida, St. Louis, Mo.
National Bolt, Nut & Rivet Works, Reading, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Reynolds & Co., New Haven, Conn.

BBB. TIRE BOLTS.
Columbus Bolt Works, Columbus, O.
Lamson & Sessions Co., Cleveland, O.
Franklin Moore Co., Winsted, Conn.
Mount Carmel Bolt Co., Mount Carmel, Conn.
National Bolt, Nut & Rivet Works, Reading, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Port Chester Bolt & Nut Co., Port Chester, N. Y.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Shelton Co., Derby, Conn.
Southington Cutlery Co., Southington, Conn.
Upson Nut Co., Cleveland, O.

CCC. TRACK BOLTS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Bolt Co., Lowell, Mass.
Birmingham Bolt & Nut Works, Birmingham, Ala.
Cambria Iron Co., Johnstown, Pa.
Chic. Forge & Bolt Co., 40th St., c. Stewart Av., Chicago, Ill.
Diamond State Iron Co., 29 Broadway, New York.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Michigan Bolt & Nut Works, Detroit, Mich.
National Bolt, Nut & Rivet Works, Reading, Pa.
Penn. Bolt & Nut Co., Lebanon, Pa.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Springfield Iron Co., Springfield, Ill.
J. H. Sternbergh & Son, Reading, Pa. *33
Tredegar Co., Richmond, Va.
Tudor Iron Works, 415 Locust St., St. Louis, Mo.
Upson Nut Co., Cleveland, O.

DDD. WAGON BOLTS.
Pawtucket Mfg. Co., Pawtucket, R. I.
Port Chester Bolt & Nut Co., Port Chester, N. Y.

EEE. WHIFFLETREE BOLTS.
Franklin Moore Co., Winsted, Conn.
Upson Nut Co., Unionville, Conn.

FFF. WINDOW BOLTS.
Port Chester Bolt & Nut Co., Port Chester, N. Y.

GGG. YELLOW METAL BOLTS.
Taunton Copper Mfg. Co., Taunton, Mass.

688. BRACKETS.

A. BIRD CAGE BRACKETS.
Andrew B. Hendryx Co., New Haven, Conn.
John Maxwell, 259 Pearl St., New York.
Peck, Stow & Wilcox Co., Southington, Conn.
Stover Mfg. Co., Freeport, Ill.

B. BRASS & NICKEL BRACKETS.
H. L. Judd & Co., 87 Chambers St., New York.
J. & R. Lamb, 59 Carmine St., New York.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
Norwich Nickel & Brass Co., Norwich, Conn.
Pittsburg Brass Co., Pittsburg, Pa.
Pittsburg Lamp & Brass Co., ft. Locust St., Allegheny, Pa.
Standard Mfg. Co., Pittsburg, Pa.

C. COUNTER SUPPORTS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Fred. J. Meyers Mfg. Co., Hamilton, O.

D. DESK SUPPORTS.
Grand Rapids Brass Co., Grand Rapids, Mich.

E. ENAMELLED BRACKETS.
Standard Mfg. Co., Pittsburg, Pa.

F. FLOWER POT BRACKETS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Landers, Frary & Clark, New Britain, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Stover Mfg. Co., Freeport, Ill.

G. FOOT RAIL BRACKETS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

H. PEW RACK BRACKETS.
Union Mfg. Co., New Britain, Conn.

I. PICTURE ROD BRACKETS.
H. L. Judd & Co., 87 Chambers St., New York.

J. OLE BRACKETS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
H. L. Judd & Co., 87 Chambers St., New York.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

K. SHELF BRACKETS.
Atlas Mfg. Co., 127 Water St., New Haven, Conn.
T. H. Brady, New Britain, Conn.
Chalfant Mfg. Co., Lancaster, Pa.

Meriden Malleable Iron Co., Meriden, Conn.
New England Butt Co., Providence, R. I.
J. W. Patton, Macon, Mo.
Peck, Stow & Wilcox Co., Southington, Conn.
Philadelphia Novelty Mfg. Co., 428 N. 13th St., Phila., Pa.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Stanley Works, New Britain, Conn.
Stover Mfg. Co., Freeport, Ill.
Saml. C. Tatum Co., Cincinnati, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Wrightsville Hardware Co., Wrightsville, Pa.

L. STAIR RAIL BRACKETS. Hobert B. Ives & Co., New Haven, Conn.
J. Gibb Smith Co., New Haven, Conn.
Union Mfg. Co., New Britain, Conn.

M. STEEL BRACKETS, NICKELED. Pittsburg Brass Co., Pittsburg, Pa.

N. STORE SHELVING IRONS. Hovey Hardware Co., Jackson, Mich.
J. W. Patton, Macon City, Mo.

O. UMBRELLA BRACKETS. Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

689. BRADS.
Atlas Tack Corporation, Taunton, Mass.
Chicago Tack Co., Grand Crossing, Ill.
Cobb & Drew, Plymouth, Mass.
Cumberland Nail & Iron Co., Philadelphia, Pa.
Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
Grand Crossing Tack Co., Grand Crossing, Ill.
Milwaukee Tack Co., Milwaukee, Wis.
Stanley Works, New Britain, Conn.
Tower Mfg. Co., Madison, Ind.
Wire Goods Co., Worcester, Mass.

A. PICTURE FRAME POINTS. Atlas Tack Corporation, Taunton, Mass.

B. WIRE BRADS. American Screw Co., Providence, R. I.
Atlas Tack Corporation, Taunton, Mass.
H. P. Nail Co., Cleveland, O.
Portage Iron Co., Ltd., Duncansville, Pa.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Wire Goods Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

C. WIRE BRADS, STEEL. Wire Goods Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

690. BUCKLES.

A. ARCTIC BUCKLES. Frazer & Jones Co., Syracuse, N. Y.
Goodyear Buckle Co., 14 Dunham Place, Brooklyn, N. Y.
Newark Saddlery Co., Newark, N. J.
O. B. North & Co., New Haven, Conn.

B. LADIES' BELT BUCKLES. Newark Saddlery Co., Newark, N. J.

C. LEGGIN BUCKLES. Goodyear Buckle Co., 14 Dunham Place, Brooklyn, N. Y.

D. SHOE BUCKLES. J. F. Malloy & Co., New Haven, Conn.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Waterbury Buckle Co., Waterbury, Conn.

E. SKATE STRAP BUCKLES. Elbel & Co., Canton, O.
Goodyear Buckle Co., 14 Dunham Place, Brooklyn, N. Y.

691. BURRS.

A. COPPER BURRS. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
U. T. Hungerford Brass & Copper Co., 121 Worth, New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Waterbury Brass Co., Waterbury, Conn.

B. IRON BURRS. American Screw Co., Providence, R. I.
Atlas Tack Corporation, Taunton, Mass.
Cobb & Drew, Plymouth, Mass.
Elbel & Co., Canton, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Upson Nut Co., Unionville, Conn.

692. BUTTONS, HARDWARE.
American Ring Co., Waterbury, Conn.
P. & F. Corbin, New Britain, Conn.
Foster, Merriam & Co., Meriden, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Stover Mfg. Co., Freeport, Ill.

693. BUTTS. Peck, Stow & Wilcox Co., Southington, Conn.
Wheeling Hinge Co., Wheeling, W. Va.

A. BALL BEARING BUTTS. Stanley Works, New Britain, Conn.

B. BRASS BUTTS. American Ring Co., Waterbury, Conn.
Benedict & Burnham Mfg. Co., Waterbury, Conn.

	Homer D. Bronson Co., Beacon Falls, Conn.
	P. & F. Corbin, New Britain, Conn.
	Eagle Lock Co., Terryville, Conn.
	Lawrence Bros., Sterling, Ill.
	New England Butt Co., Providence, R. I.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
	Scovill Mfg. Co., Waterbury, Conn.
	Union Mfg. Co., New Britain, Conn.
C. BRONZE BUTTS.	Brittan & Mathes Co., Pittsburg, Pa.
	P. & F. Corbin, New Britain, Conn.
	Lawrence Bros., Sterling, Ill.
	McKinney Mfg. Co., Allegheny, Pa.
	Peck, Stow & Wilcox, Southington, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Sargent & Co., New Haven, Conn.
	Stanley Works, New Britain, Conn.
	Union Mfg. Co., New Britain, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
D. CAST BUTTS.	New England Butt Co., Providence, R. I.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Union Mfg. Co., New Britain, Conn.
E. DOOR BUTTS.	Brass Goods Mfg. Co., 117 Chambers St., New York.
	Brittan & Mathes Co., Pittsburg, Pa.
	U. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
	McKinney Mfg. Co., Allegheny, Pa.
	New England Butt Co., Providence, R. I.
	Peck, Stow & Wilcox, Southington, Conn.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
	Stanley Works, New Britain, Conn.
	Union Mfg. Co., New Britain, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
	Yale & Towne Mfg. Co., Stamford, Conn.
F. LOOSE JOINT BUTTS.	Brittan & Mathes Co., Pittsburg, Pa.
	New England Butt Co., Providence, R. I.
	Stanley Works, New Britain, Conn.
G. LOOSE PIN BUTTS.	Brittan & Mathes Co., Pittsburg, Pa.
	New England Butt Co., Providence, R. I.
	Stanley Works, New Britain, Conn.
H. REVERSIBLE BUTTS.	Wheeling Hinge Co., Wheeling, W. Va.
I. SHUTTER BUTTS.	Brittan & Mathes Co., Pittsburg, Pa.
	Stanley Works, New Britain, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
	Yale & Towne Mfg. Co., Stamford, Conn.
J. SPRING BUTTS.	Bommer Bros., 351 Jay St., Brooklyn, N. Y.
	Chicago Spring Butt Co., 491 Carroll Av., Chicago, Ill.
	McKinney Mfg. Co., Allegheny, Pa.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Smith & Egge Mfg. Co., Bridgeport, Conn.
	E. C. Stearns & Co., Syracuse, N. Y.
	Stover Mfg. Co., Freeport, Ill.
	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.
K. SPRING BUTTS, DOUBLE ACTING.	Bommer Bros., 351 Jay St., Brooklyn, N. Y.
	Smith & Egge Mfg. Co., Bridgeport, Conn.
	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.
L. STEEL BUTTS.	Stanley Works, New Britain, Conn.
M. STEEL BUTTS, JAPANNED.	Stanley Works, New Britain, Conn.
N. STEEL BUTTS, NICKEL-PLATED.	Stanley Works, New Britain, Conn.
O. TABLE BUTTS.	Wheeling Hinge Co., Wheeling, W. Va.
694. CARD FRAMES.	H. L. Judd & Co., 87 Chambers St., New York.
695. CASTERS.	
A. ANTI-FRICTION CASTERS.	Lansing Wheelbarrow Co., Lansing, Mich.
B. FURNITURE CASTERS.	Champion Mfg. Co., Richmond, Ind.
	Geo. P. Clark, Windsor Locks, Conn.
	John Duer & Sons, 28 S. Charles St., Baltimore, Md.
	Foster, Merriam & Co., Meriden, Conn.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Meriden Malleable Iron Co., Meriden, Conn.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Phoenix Caster Co., Indianapolis, Ind.
	E. C. Stearns Co., Syracuse, N. Y.
	John Toler, Sons & Co., Inc., Newark, N. J.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

	Wrightsville Hardware Co., Wrightsville, Pa.
C. TRUCK CASTERS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	E. C. Stearns & Co., Syracuse, N. Y.
	Saml. C. Tatum Co., Water & John Sts., Cincinnati, O.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
696. CATCHES.	
A. CIGAR BOX CATCHES.	A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.
B. CUPBOARD CATCHES.	Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
	Mallory, Wheeler Co., New Haven, Conn.
	National Mfg. Co., Lancaster, Pa.
	Sargent & Co., New Haven, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
C. DOOR CATCHES.	Grand Rapids Brass Co., Grand Rapids, Mich.
D. END GATE CATCHES.	Rockford Neck Yoke Works, Rockford, Ill.
	C. E. Sovereign, Rockford, Ill.
E. PLUSH BOX CATCHES.	Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
	A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.
F. SCREEN DOOR CATCHES.	Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
	National Mfg. Co., Lancaster, Pa.
	Sargent & Co., New Haven, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
G. TRANSOM CATCHES.	Yale & Towne Mfg. Co., Stamford, Conn.
697. CHAINS.	American Iron & Steel Co., Pittsburg, Pa.
	American Steel & Wire Co., Havemeyer Bldg., New York.
	Boston Gear Works, 31 Hartford St., Boston, Mass.
	Jeffrey Mfg. Co., Columbus, O.
	Link-Belt Machinery Co., Stewart Av., Chicago, Ill.
	Nixdorf-Krein Mfg. Co., 900 Howard St., St. Louis, Mo.
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
A. AGRICULTURAL CHAINS.	Acme Harvester Co., Pekin, Ill.
	Holt Mfg. Co., Stockton, Cal.
	Nes Chain Mfg. Co., York, Pa.
	John C. Schmidt & Co., York, Pa.
	Trenton Iron Co., Trenton, N. J.
B. BRASS CHAINS.	Bridgeport Brass Co., Bridgeport, Conn.
	Bridgeport Chain Co., Bridgeport, Conn. *32
	Andrew B. Hendryx Co., New Haven, Conn.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Manhattan Brass Co., 338 E. 28th St., New York.
C. BRASS PICTURE CHAINS.	Bridgeport Chain Co., Bridgeport, Conn. *32
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Washburn & Moen Mfg. Co., Worcester, Mass.
D. CABLE CHAINS.	Baker Chain & Wagon Iron Mfg. Co., Allegheny, Pa.
	J. B. Carr Co., Troy, N. Y.
	Nes Chain Mfg. Co., York, Pa.
	John C. Schmidt Co., York, Pa.
	Trenton Iron Co., Trenton, N. J.
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
E. COIL CHAINS.	Bridgeport Chain Co., Bridgeport, Conn. *32
	Jeffrey Mfg. Co., Columbus, O.
	James McKay & Co., Pittsburg, Pa.
	H. P. Nail Co., Cleveland, O.
	Nes Chain Mfg. Co., York, Pa.
	John C. Schmidt & Co., York, Pa.
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
F. CONVEYOR CHAINS.	Manistee Iron Works Co., Manistee, Mich.
	Walter A. Zelnicker, 202 N. 3d St., St. Louis, Mo.
G. CRANE CHAINS.	Baker Chain & Wagon Iron Mfg. Co., Allegheny, Pa.
	Bradlee & Co., Beach St. & E. Susquehanna Av., Phila., Pa.
	J. B. Carr Co., Troy, N. Y.
	Jas. McKay & Co., Pittsburg, Pa.
	Nes Chain Mfg. Co., York, Pa.
	John Robson & Son, Pittsburg, Pa.
	Trenton Iron Co., Trenton, N. J.
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
H. CURTAIN CHAINS.	Gould-Mersereau Co., 259 Canal St., New York.
	H. L. Judd & Co., 87 Chambers St., New York.
	Turner & Seymour Mfg. Co., Torrington, Conn.
I. DRAPERY CHAINS.	H. L. Judd & Co., 87 Chambers St., New York.
	John Kroder & Henry Reubel Co., 225 Canal St., New York.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
J. DREDGING CHAINS.	Phil. Roll & Mach. Co., 23d & Washington Av., Phila., Pa.
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.

K. FLAT RIVETED CHAINS.	Link-Belt Machinery Co., Stuart Av., Chicago, Ill.	
L. HANGING BASKET CHAINS.	Bridgeport Chain Co., Bridgeport, Conn.	*32
	H. L. Judd & Co., 87 Chambers St., New York.	
M. IRON CHAINS.	W. G. Alden, Camden, Me.	
	Geo. B. Carpenter & Co., 208 Water St., Chicago, Ill.	
	J. B. Carr Co., Troy, N. Y.	
	Andrew B. Hendryx Co., New Haven, Conn.	
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.	
	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.	
	Jeffrey Mfg. Co., Columbus, O.	
	H. P. Nail Co., Cleveland, O.	
	Nes Chain Mfg. Co., York, Pa.	
	John C. Schmidt & Co., York, Pa.	
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.	
N. JACK CHAINS.	American Ring Co., Waterbury, Conn.	
	J. B. Carr Co., Troy, N. Y.	
	Andrew B. Hendryx Co., New Haven, Conn.	
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.	
	Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phila., Pa.	
	Plume & Atwood Mfg. Co., Waterbury, Conn.	
	Steele & Johnson Mfg. Co., Waterbury, Pa.	
	Worcester Wire Co., ft. of Kansas St., Worcester, Mass.	
	Wright & Colton Wire Cloth Co., Worcester, Mass.	*29
O. LAMINATED HOISTING CHAINS.	C. W. Hunt Co., 45 Broadway, New York.	
P. LOG CHAINS.	J. B. Carr Co., Troy, N. Y.	
	Covert Mfg. Co., W. Troy, N. Y.	
	Jeffrey Mfg. Co., Columbus, O.	
	Nes Chain Mfg. Co., York, Pa.	
	John C. Schmidt & Co., York, Pa.	
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.	
Q. MINING CHAINS.	Bradlee & Co., Beach St. & E. Susquehanna Av., Phila., Pa.	
	J. B. Carr Co., Troy, N. Y.	
	Jeffrey Mfg. Co., Columbus, O.	
	H. H. Narvey, 116 High St., Boston, Mass.	
	Nes Chain Mfg. Co., York, Pa.	
	West End Rolling Mill Co. & Chain Wks., Lebanon, Pa.	
R. PLUMBERS' CHAINS.	Bridgeport Chain Co., Bridgeport, Conn.	*32
	Smith & Egge Mfg. Co., Bridgeport, Conn.	
	Steele & Johnson Mfg. Co., Waterbury. Conn.	
S. PUMP CHAINS.	W. & B. Douglas, Middletown, Conn.	
	Union Mfg. Co., New Britain, Conn.	
T. PUNCHED CHAINS.	Rhode Island Tool Co., Providence, R. I.	
U. QUARRY WORK CHAINS.	Henry H. Harvey, 105 High St.. Boston, Mass.	
V. ROCKER JOINT CHAINS.	Morse Chain Co., Trumansburg, N. Y.	
W. ROLLER CHAINS.	Jeffrey Mfg. Co., Columbus, O.	
X. SAFETY CHAINS.	Nes Chain Mfg. Co., York, Pa.	
	Plume & Atwood Mfg. Co., Waterbury, Conn.	
Y. SASH CHAINS.	Bridgeport Chain Co., Bridgeport, Conn.	*32
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.	
	Thomas Morton, 65 Elizabeth St., New York.	
	Oneida Community, Ltd., Community, N. Y.	
	Phosphor Bronze Smelting Co., Ltd., Wash. Av., Phila., Pa.	
	Pullman Sash Balance Co., Rochester, N. Y.	
	Smith & Egge Mfg. Co., Bridgeport, Conn.	
	Wire Goods Co., Worcester, Mass.	
Z. SPECIAL CHAINS.	Jeffrey Mfg. Co., Columbus, O.	
AA. STEEL CHAINS.	J. B. Carr Co., Troy, N. Y.	
	Jeffrey Mfg. Co., Columbus, O.	
	Link-Belt Machinery Co., Stewart Av., Chicago, Ill.	
	Thomas Morton, 65 Elizabeth St., New York.	
	Nes Chain Mfg. Co., York, Pa.	
	John C. Schmidt & Co., York, Pa.	
BB. TETTERING CHAINS.	Bridgeport Chain Co.. Bridgeport, Conn.	*32
698. CLEVISES.	Cleveland Hardware Co., Cleveland, O.	
	Hapgood Plow Co., Alton, Ill.	
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.	
	Kruse Kross Klevis Co.. Higginsville, Mo.	
	Platt & Letchworth, Buffalo, N. Y.	
	Racine General Mfg. Co., Racine, Wis.	*27
	Racine Malleable & Wrought Iron Co.. Racine, Wis.	
	South Bend Chilled Plow Co., South Bend, Ind.	
A JOINT HOOKS & CLEVISES.	Racine Malleable & Wrought Iron Co., Racine, Wis.	
699. CORNER BRACES.	Du Mont Tool Co., 63 Chandler St., Buffalo, N. Y.	

700. CURTAIN FIXTURES.

A. CHAIN PULLS.	H. L. Judd & Co., 87 Chambers St., New York.
B. CORD HOLDERS.	H. L. Judd & Co., 87 Chambers St., New York.
	Meriden Curtain Fixture Co., Meriden, Conn.
C. CURTAIN BANDS.	H. L. Judd & Co., 87 Chambers St., New York.
D. CURTAIN CLASPS.	Stewart Hartshorn Co., E. Newark, N. J.
	H. L. Judd & Co., 87 Chambers St., New York.
	Meriden Curtain Fixture Co., Meriden, Conn.
E. CURTAIN FASTENERS.	C. Cowles & Co., New Haven, Conn.
	Crandal, Stone & Co., Binghamton, N. Y.
	Dash & Carriage Goods Co., Cincinnati, O.
	English & Mersick Co., 1074 Crown St., New Haven, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Meriden Curtain Fixture Co., Meriden, Conn.
	Metal Stamping Co., 386 West Broadway, New York.
	Stover Mfg. Co., Freeport, Ill.
	Tie Co., Unadilla, N. Y.
F. SHADE PULLS.	American Ring Co., Waterbury, Conn.
	H. L. Judd & Co., 87-89 Chambers St., New York.
	John Kroder & Henry Reubel Co., 255 Canal St., New York.
	Meriden Curtain Fixtures Co., Meriden, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.

701. CURTAIN POLES, BRASS.

	Gould-Mersereau Co., 259 Canal St., New York.
	M. Gould's Son & Co., 64 Reade St., New York.
	H. L. Judd & Co., 87 Chambers St., New York.
	John Kroder & Henry Reubel Co., 255 Canal St., New York.
	Rome Brass & Copper Co., Rome, N. Y.
	Sash Curtain Rod & Novelty Co., Providence, R. I.
	Scovill Mfg. Co., Waterbury, Conn.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
A. BEDSTEAD POLES.	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
B. CORNICE POLES.	H. L. Judd & Co., 87 Chambers St., New York.
	Vermont Shade Roller Co., Burlington, Vt.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
C. EXTENSION CURTAIN POLES.	Turner & Seymour Mfg. Co., Torrington, Conn.
D. POLE ENDS.	H. L. Judd & Co., 87 Chambers St., New York.
	John Kroder & Henry Reubel Co., 255 Canal St., New York.
	Manhattan Brass Co., 338 E. 28th St., New York.
	H. D. Smith & Co., Plantsville, Conn.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
E. POLE FIXTURES.	H. L. Judd & Co., 87 Chambers St., New York.
	Manhattan Brass Co., 338 E. 28th St., New York.
	H. D. Smith & Co., Plantsville, Conn.
F. POLE JOINTS, ADJUSTABLE.	H. L. Judd & Co., 87 Chambers St., New York.
G. POLE SOCKETS.	H. L. Judd & Co., 87 Chambers St., New York.

702. CUTLERY.

	Goodell Co., Antrim, N. H.
	Chas. Parker Co., Meriden, Conn.
	Wm. Rogers Mfg. Co., Hartford, Conn.
	Walker & Elliot, Wilmington, Del.
A. CARVER'S SETS.	Landers, Frary & Clark, New Britain, Conn.
	Meriden Britannia Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	Northampton Cutlery Co., Northampton, Mass.
	Wm. Rogers Mfg. Co., Hartford, Conn.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Simpson, Hall, Miller & Co., Wallingford, Conn.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
	Williams Bros. Mfg. Co., Naubuc, Conn.
B. CHEESE SCOOPS.	Landers, Frary & Clark, New Britain, Conn.
	Meriden Cutlery Co., Meriden, Conn.
	C. S. Osborne & Co., Newark, N. J.
	John Russell Cutlery Co., Turner's Falls, Mass.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
C. CUTLERY, KITCHEN.	C. J. Kimball Co., Bennington, N. H.
	Landers, Frary & Clark, New Britain, Conn.
	Northampton Cutlery Co., Northampton, Mass.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
D. CUTLERY NOVELTIES.	Philadelphia Novelty Mfg. Co., 428 N. 13th St., Phila., Pa.
E. CUTLERY, POCKET.	American Shear Co., Hotchkissville, Conn.
	A. F. Bannister & Co., Newark, N. J.
	M. S. Benedict Mfg. Co., East Syracuse, N. Y.
	Humason & Beckley Mfg. Co., New Britain, Conn.

	Michigan Cutlery Co., Buchanan, Mich.
	Miller Bros. Cutlery Co., Meriden, Conn.
	Northfield Knife Co., Northfield, Conn.
	Robeson Cutlery Co., 12 Saratoga Av., Rochester, N. Y.
	Southington Cutlery Co., Southington, Conn.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
F. CUTLERY, TABLE.	Goodell Co., Antrim, N. H.
	Landers, Frary & Clark, New Britain, Conn.
	Meriden Cutlery Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	Northampton Cutlery Co., Northampton, Mass.
	R. Wallace, Sons Mfg. Co., Wallingford, Conn.
	Williams Bros. Mfg. Co., Naubuc, Conn.
G. KNIFE & FORK COMBINED, FOLDING.	A. A. Marks, 701 Broadway, New York.
H. KNIVES & FORKS, TINNED.	C. Rogers & Bros., Meriden, Conn.
I. KNIVES, BANANA.	Landers, Frary & Clark, New Britain, Conn.
	Tuck Mfg. Co., Brockton, Mass.
J. KNIVES, BONING.	Goodell Co., Antrim, N. H.
	Nichols Bros., Greenfield, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
K. KNIVES, BREAD.	Clark & Parsons Co., E. Wilton, Me.
	Clyde Cutlery Co., Clyde, O.
	Goodell Co., Antrim, N. H.
	Landers, Frary & Clark, New Britain, Conn.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	Meriden Cutlery Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	Northampton Cutlery Co., Northampton, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Williams Bros. Mfg. Co., Naubuc, Conn.
L. KNIVES, CARVING.	Goodell Co., Antrim, N. H.
	Landers, Frary & Clark, New Britain, Conn.
	Meriden Cutlery Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Silver Plate Cutlery Works, Derby, Conn.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
M. KNIVES, CHEESE.	Goodell Co., Antrim, N. H.
	Landers, Frary & Clark, New Britain, Conn.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	Meriden Cutlery Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
N. KNIVES, CURD.	Oakes & Burger, Cattaraugus, N. Y.
O. KNIVES, FISH.	C. J. Kimball Co., Bennington, N. H.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	Meriden Britannia Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	Rogers & Hamilton Co., Waterbury, Conn.
	John Russell Cutlery Co., Turner's Falls, Mass.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
P. KNIVES, FISH SCALING.	Chalfant Mfg. Co., Atglen, Pa.
	Coverts Saddlery Works, Farmer, N. Y.
	Landers, Frary & Clark, New Britain, Conn.
	Runge Mfg. Co., Meriden, Conn.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Wrightsville Hardware Co., Wrightsville, Pa.
Q. KNIVES, FRUIT.	Anchor Silver Plate Co., Oswego, N. Y.
	M. S. Benedict Mfg. Co., E. Syracuse, N. Y.
	Illinois Cutlery Co., Decatur, Ill.
	Landers, Frary & Clark, New Britain, Conn.
	Meriden Cutlery Co., Meriden, Conn.
	Northampton Cutlery Co., Northampton, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Simpson, Hall, Miller & Co., Wallingford, Conn.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
R. KNIVES, HUNTING.	Goodell Co., Antrim, N. H.
	Humason & Beckley Mfg. Co., New Britain, Conn.
	Meriden Cutlery Co., Meriden, Conn.
	Miller Bros. Cutlery Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	Northampton Cutlery Co., Northampton, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Williams Bros. Mfg. Co., Naubuc, Conn.
S. KNIVES, KITCHEN.	Clyde Cutlery Co., Clyde, O.

	Goodell Co., Antrim, N. H.
	Landers, Frary & Clark, New Britain, Conn.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	Meriden Cutlery Co., Meriden, Conn.
	Nickel Plate Mfg. Co., Meriden, Conn.
	Northampton Cutlery Co., Northampton, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
	Williams Bros. Mfg. Co., Naubuc, Conn.
T KNIVES, LEMON & ORANGE.	Meriden Cutlery Co., Meriden, Conn.
	John Russell Cutlery Co., Turner's Falls, Mass.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
U. KNIVES, MINCING.	Cronk Hanger Co., Elmira, N. Y.
	Gibbs Mfg. Co., Canton, O.
	A. S. Henn & Co., New Haven, Conn.
	H. W. Humphrey, Unionville, Conn.
	Illinois Cutlery Co., Decatur, Ill.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	Palmer Hardware Mfg. Co., Troy, N. Y.
	Philadelphia Novelty Mfg. Co., 428 N. 13th St., Phila., Pa.
V. KNIVES, ONE ARMED MEN'S.	Meriden Cutlery Co., Meriden, Conn.
	John Russell Cutlery Co., Turner's Falls, Mass.
W. KNIVES, POCKET.	Electric Cutlery Co., Newark, N. J.
	Empire Knife Co., W. Winsted, Conn.
	H. Hessenbruch, 8 N. 5th St., Philadelphia, Pa.
	Miller Bros. Cutlery Co., Meriden, Conn.
	Robeson Cutlery Co., 12 Saratoga Av., Rochester, N. Y.
	John Russell Cutlery Co., Turner's Falls, Mass.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
X. KNIVES, POCKET, SELF-OPENING.	Walden Knife Co., Walden, N. Y.
Y. KNIVES, SELF-GAUGING, CHEESE.	Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
Z. KNIVES, SERRATED, BREAD & CARVING.	Illinois Cutlery Co., Decatur, Ill.
AA. KNIVES, SHEATH.	Landers, Frary & Clark, New Britain, Conn.
	John Russell Cutlery Co., Turner's Falls, Mass.
BB. KNIVES, SLICER.	Meriden Cutlery Co., Meriden, Conn.
	Nichols Bros., Greenfield, Mass.
	Northampton Cutlery Co., Northampton, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
CC. KNIVES, SPLITTING.	John Loyd, 562 Water St., New York.
	Nichols Bros., Greenfield, Mass.
DD. KNIVES, STEAK.	Nichols Bros., Greenfield, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
EE. KNIVES, TABLE.	M. S. Benedict Mfg. Co., East Syracuse, N. Y.
	Goodell Co., Antrim, N. H.
	Meriden Cutlery Co., Meriden, Conn.
	Middletown Plate Co., Middletown, Conn.
	Northampton Cutlery Co., Northampton, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Wallace & Sons Mfg. Co., Wallingford, Conn.
	Williams Bros. Mfg. Co., Naubuc, Conn.
FF. LAMP TRIMMERS.	Alsdorf & Holmes, 518 Broad St., Newark, N. J.
	Bridgeport Brass Co., Bridgeport, Conn.
	Chalfant Mfg. Co., Atglen, Pa.
GG. NUT PICKS.	H. L. Judd & Co., 87 Chambers St., New York.
	Landers, Frary & Clark, New Britain, Conn.
	Meriden Britannia Co., Meriden, Conn.
	Meriden Cutlery Co., Meriden, Conn.
	Northampton Cutlery Co., Northampton, Conn.
	H. M. Quackenbush, Herkimer, N. Y.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Simpson, Hall, Miller & Co., Wallingford, Conn.
	R. Wallace Sons Mfg. Co., Wallingford, Conn.
HH. RAZORS.	Challenge Razor Works, Bridgeport, Conn.
	Electric Cutlery Co., Newark, N. J.
	Empire Knife Co., W. Winsted, Conn.
	H. Hessenbruch, 8 N. 5th St., Philadelphia, Pa.
	Kampfe Bros., 8 Reade St., New York.
	Michigan Cutlery Co., Buchanan, Mich.
	Robeson Cutlery Co., 12 Saratoga Av., Rochester, N. Y.
	Southington Cutlery Co., Southington, Conn.

		J. R. Torrey & Co., Worcester, Mass.
		R. Wallace Sons Mfg. Co., Wallingford, Conn.
II.	SAFETY RAZORS.	Kampfe Bros., 8 Reade St., New York.
		Geo. A. Scott, 842 Broadway, New York.
JJ.	SCISSORS.	Acme Shear Co., Bridgeport, Conn.
		Electric Cutlery Co., Newark, N. J.
		Empire Knife Co., W. Winsted, Conn.
		R. Heinisch's Sons Co., Newark, N. J.
		H. Hessenbruch, 8 N. 5th St., Philadelphia, Pa.
		Thos. Hinchleffe, Milton, Conn.
		Michigan Cutlery Co., Buchanan, Mich.
		Northfield Knife Co., Northfield, Conn.
		Wm. Schollhorn & Co., New Haven, Conn.
		Seymour Cutlery Co., Holyoke, Mass.
		F. J. P. Tommins Co., 117 Chambers St., New York.
		Wallace & Sons Mfg. Co., Wallingford, Conn.
		J. Wiss & Sons, 15-29 Littleton Av., Newark, N. J.
KK.	SCISSORS, BARBERS'.	Wm. Schollhorn & Co., New Haven, Conn.
		Seymour Cutlery Co., Holyoke, Mass.
		J. Wiss & Sons, 15 Littleton Av., Newark, N. J.
LL.	SCISSORS, BUTTONHOLE.	Wm. Schollhorn & Co., New Haven, Conn.
		Seymour Cutlery Co., Holyoke, Mass.
		R. Wallace Sons Mfg. Co., Wallingford, Conn.
		J. Wiss & Sons, Newark, N. J.
MM.	SCISSORS, EMBROIDERY.	Wm. Schollhorn & Co., New Haven, Conn.
		Seymour Cutlery Co., Holyoke, Mass.
		R. Wallace Sons Mfg. Co., Wallingford, Conn.
NN.	SCISSORS, FOLDING.	R. Wallace Sons Mfg. Co., Wallingford, Conn.
OO.	SCISSORS, LADIES'.	Seymour Cutlery Co., Holyoke, Mass.
		R. Wallace Sons Mfg. Co., Wallingford, Conn.
PP.	SCISSORS, MANICURE.	Wm. Schollhorn & Co., New Haven, Conn.
		Seymour Cutlery Co., Holyoke, Mass.
		R. Wallace Sons Mfg. Co., Wallingford, Conn.
QQ.	SCISSORS, POCKET.	R. Heinisch's Sons Co., Newark, N. J.
		Ohio Co-operative Shear Co., Elyria, O.
		Wm. Schollhorn & Co., New Haven, Conn.
		Seymour Cutlery Co., Holyoke, Mass.
		R. Wallace Sons Mfg. Co., Wallingford, Conn.
		J. Wiss & Sons, Newark, N. J.
RR.	SCISSORS, SILVER.	Theo. W. Foster & Bros., Co., Richmond St., Providence, R. I.
SS.	SHEARS.	Acme Shear Co., Bridgeport, Conn.
		American Shear Co., Hotchkissville, Conn.
		Detrick & Harvey Machine Co., Baltimore, Md.
		Electric Cutlery Co., Newark, N. J.
		Empire Knife Co., W. Winsted, Conn.
		R. Heinisch's Sons Co., Newark, N. J.
		H. Hessenbruch, 8 N. 5th St., Philadelphia, Pa.
		Thos. Hinchleffe, Milton, Conn.
		Michigan Cutlery Co., Buchanan, Mich.
		National Machinery Co., Tiffin, O.
		Northfield Knife Co., Northfield, Conn.
		Phillips & McLaren, Pittsburg, Pa.
		Seymour Cutlery Co., Holyoke, Mass.
		F. J. P. Tommins Co., 117 Chambers St., New York.
		J. Wiss & Sons, 15-29 Littleton, Av., Newark, N. J.
TT.	SHEARS, DEHORNING.	Elyria Variety Works, Jackson, Mich.
UU.	SHEARS, GRAPE & FLOWER.	Acme Shear Co., Bridgeport, Conn.
		Meriden Britannia Co., Meriden, Conn.
VV.	SHEARS, LADIES'.	Wm. Schollhorn & Co., New Haven, Conn.
WW.	SHEARS, PRUNING.	Wm. Schollhorn & Co., New Haven, Conn.
XX.	SHEARS, TAILORS'.	Wm. Schollhorn & Co., New Haven, Conn.
		J. Wiss & Sons, 15 Littleton Av., Newark, N. J.
YY.	TABLE FORKS.	Acme Shear Co., Bridgeport, Conn.
		M. S. Benedict Mfg. Co., E. Syracuse, N. Y.
		Goodell Co., Antrim, N. H.
		Meriden Cutlery Co., Meriden, Conn.
		Rogers & Hamilton Co., Waterbury, Conn.
		John Russell Cutlery Co., Turner's Falls, Mass.
		Towle Mfg. Co., Newburyport, Mass.
		R. Wallace Sons Mfg. Co., Wallingford, Conn.
		Williams Bros. Mfg. Co., Naubuc, Conn.
ZZ.	TABLE STEELS.	Nichols Bros., Greenfield, Mass.
		Northampton Cutlery Co., Northampton, Mass.
		John Russell Cutlery Co., Turner's Falls, Mass.
AAA.	TRIMMERS, LADIES'.	Seymour Cutlery Co., Holyoke, Mass.

703. DESK RAILINGS, BRASS.

H. L. Judd & Co., 87 Chambers St., New York.
Gould-Mersereau Co., 259 Canal St., New York.
Norwich Nickel & Brass Co., Norwich, Conn.
Palmer Hardware Mfg. Co., Troy, N. Y.

704. DESK SUPPORTS, BRASS.

Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.

705. DOOR FURNITURE.

A. DOOR KNOB TRIMMINGS. Mallory, Wheeler Co., New Haven, Conn.
New England Butt Co., Providence, R. I.

B. DOOR KNOCKERS. Sargent & Co., New Haven, Conn.

C. KICK PLATES, DOOR BOTTOM. Bommer Bros., 351 Jay St., Brooklyn, N. Y.

D. PUSH PLATES. Brittan & Mathes Co., Pittsburg, Pa.
Mallory, Wheeler Co., New Haven, Conn.
Stover Mfg. Co., Freeport, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

E. SCREEN DOOR SUPPORTS. W. J. Clark Co., Salem, O.

F. SLIDING DOOR SETS. Sargent & Co., New Haven, Conn.

706. DOOR HANDLES. Metal Stamping Co., 386 West Broadway, New York.
Stover Mfg. Co., Freeport, Ill.

A. BAR DOOR HANDLES. H. F. Corbin, New Britain, Conn.
Mallory, Wheeler Co., New Haven, Conn.
E. C. Stearns & Co., Syracuse, N. Y.

B. BRONZE DOOR HANDLES. P. & F. Corbin, New Britain, Conn.
Mallory, Wheeler Co., New Haven, Conn.

C. DOOR PULLS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Brittan & Mathes Co., Pittsburg, Pa.
P. & F. Corbin, New Britain, Conn.
Mallory, Wheeler Co., New Haven, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
E. C. Stearns & Co., Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

D. SCREEN DOOR PULLS. Brittan & Mathes Co., Pittsburg, Pa.
Stover Mfg. Co., Freeport, Ill.
Van Wagoner & Williams Hardware Co., New York.

E. SLIDING DOOR PULLS. Brittan & Mathes Co., Pittsburg, Pa.
Mallory, Wheeler Co., New Haven, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

F. STORE DOOR HANDLES. Brittan & Mathes Co., Pittsburg, Pa.
Mallory, Wheeler Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Stover Mfg. Co., Freeport, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

707. DOOR HANGERS. Chisholm & Moore Mfg. Co., Cleveland, O.
Wilcox Mfg. Co., Aurora, Ill.

A. BALL BEARING DOOR HANGERS. Lane Bros. Co., Poughkeepsie, N. Y.

B. BARN DOOR HANGERS. Arnold & Co., Norwalk, Conn.
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Cronk Hanger Co., Elmira, N. Y.
Hunt, Helm & Ferris, Harvard, Ill.
Lane Bros. Co., Poughkeepsie, N. Y.
New England Butt Co., Providence, R. I.
Penn. Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Stevens Mfg. Co., Joliet, Ill.
Taylor & Boggis Foundry Co., Cleveland, O.
Union Mfg. Co., New Britain, Conn.
Wilcox Mfg. Co., Aurora, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

C. ELEVATOR DOOR HANGERS. Lane Bros. Co., Poughkeepsie, N. Y.

D. SLIDING DOOR HANGERS. Cincinnati Tool Co., Cincinnati, O.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
P. & F. Corbin, New Britain, Conn.
Cronk Hanger Co., Elmira, N. Y.
Hunt, Helm & Ferris, Harvard, Ill.
Lane Bros. Co., Poughkeepsie, N. Y.
Lawrence Bros., Sterling, Ill.
Perfection Hanger Co., Syracuse, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
T. C. Prouty Co., Midland, Mich.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
E. C. Stearns & Co., Syracuse, N. Y.

Warner Hardware Co., Freeport, Ill.
Wilcox Mfg. Co., Aurora, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

708. DOOR HOLDERS.
Wilcox Mfg. Co., Aurora, Ill.

709. DOOR RAILS.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
J. E. Knutz, South Bend, Ind.
Stanley Works, New Britain, Conn.
E. C. Stearns & Co., Syracuse, N. Y.

A. BARN DOOR RAILS.
Cronk Hanger Co., Elmira, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
New England Butt Co., Providence, R. I.
Union Mfg. Co., New Britain, Conn.

B. BRASS DOOR RAILS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.

C. SLIDING DOOR RAILS.
McCabe Hanger Mfg. Co., 532 W. 22d St., New York.
Yale & Towne Mfg. Co., Stamford, Conn.

710. DOOR SHEAVES.

A. BARN DOOR ROLLERS.
Arnold & Co., Norwalk, Conn.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Mallory, Wheeler Co., New Haven, Conn.
New England Butt Co., Providence, R. I.

B. SLIDING DOOR ROLLERS.
Lane Bros. Co., Poughkeepsie, N. Y.
New England Butt Co., Providence, R. I.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
I. S. Spencer's Sons, Guilford, Conn.
E. C. Stearns & Co., Syracuse, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

711. DOOR SPRINGS.
Davol Rubber Co., Providence, R. I.
Edwards & Co., 144th St. & 4th Av., New York.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Morgan Spring Co., Worcester, Mass.
Peck, Stow & Wilcox Co., Southington. Conn.
Pullman Sash Balance Co., Rochester, N. Y.
Sabin Machine Co., Montpelier, Vt.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.
Warner Hardware Co., Freeport, Ill.

A. BURGLAR ALARM DOOR SPRINGS.
New Haven Clock Co., New Haven, Conn.
Wallace Barnes Co., Bristol, Conn.

B. COIL DOOR SPRINGS.
Pullman Sash Balance Co., Rochester, N. Y.
Union Mfg. Co., New Britain, Conn.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

C. ROD DOOR SPRINGS.
Morgan Spring Co., Worcester, Mass.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

712. DOOR STOPS.
Blount Mfg. Co., 42 Battery March, Boston, Mass.
H. Chapin's Sons Co., Pine Meadow, Conn.
Cronk Hanger Co., Elmira, N. Y.
Hine-Watt Mfg. Co., 14 North Canal St., Chicago, Ill.
Oliver S. Judd, New Britain, Conn.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
A. J. Phillips Co., Fenton, Mich.
Piqua Handle & Mfg. Co., Piqua, O.
Pullman Sash Balance Co., Rochester, N. Y.
Union Hardware Co., Torrington, Conn.
Wilcox Hardware Mfg. Co., Aurora, Ill.

A. SLIDING DOOR STOPS.
Mallory, Wheeler Co., New Haven, Conn.

713. ESCUTCHEONS.

A. CUP ESCUTCHEONS.
Yale & Towne Mfg. Co., Stamford, Conn.

B. DOOR ESCUTCHEONS.
American Ring Co., Waterbury, Conn.
Brittan & Mathes Co., Pittsburg, Pa.
Foster, Merriam & Co., Meriden, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Mallory, Wheeler Co., New Haven, Conn.
James F. Martin, 1619 Ruan St., Frankford, Pa.
New England Butt Co., Providence, R. I.
Piqua Handle & Mfg. Co., Piqua, O.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Sargent & Co., New Haven, Conn.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
Yale & Towne Mfg. Co., Stamford, Conn.

C. DRAWER ESCUTCHEONS.
Foster, Merriam & Co., Meriden, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Meriden Malleable Iron Co., Meriden, Conn.

New England Butt Co., Providence, R. I.
Piqua Handle & Mfg. Co., Piqua, O.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

D. KEYHOLE ESCUTCHEONS. American Ring Co., Waterbury, Conn.
Brass Goods Mfg. Co., 88 Chambers St., New York.
Foster, Merriam & Co., Meriden, Conn.
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Mallory, Wheeler Co., New Haven, Conn.
New England Butt Co., Providence, R. I.
Yale & Towne Mfg. Co., Stamford, Conn.

E. SLIDING DOOR ESCUTCHEONS. Grand Rapids Brass Co., Grand Rapids, Mich.
Mallory, Wheeler Co., New Haven, Conn.
New England Butt Co., Providence, R. I.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

714. FASTENERS, HARDWARE.

A. BEDSTEAD FASTENERS. Bradford Joint Co., Plymouth, Mass.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Quincy Hardware Mfg. Co., Quincy, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

B. BOX FASTENERS. Stanley Works, New Britain, Conn.

C. DOOR FASTENERS. P. J. Conroy, Island Rd. & S. 75th St., Philadelphia, Pa.
Yale & Towne Mfg. Co., Stamford, Conn.

D. HAMMOCK FASTENERS. I. E. Palmer, Middletown, Conn. *33

E. REFRIGERATOR DOOR FASTENERS. P. J. Conroy, Island Rd. & S. 75th St., Philadelphia, Pa.
Bernard Glaekler, 1129-1133 Penn Av., Pittsburg, Pa.

F. REFRIGERATOR FASTENERS. P. J. Conroy, Island Rd. & S. 75th St., Philadelphia, Pa.
Snell Mfg. Co., Fiskdale, Mass.

G. ROPE FASTENERS. W. & E. T. Fitch & Co., New Haven, Conn.

H. SASH FASTENERS. Brittan & Mathes Co., Pittsburg, Pa.
Brooklyn Lock Co., 56 Ainslie St., Brooklyn, N. Y.
P. & F. Corbin, New Britain, Conn.
Hobart B. Ives & Co., New Haven, Conn.
Oliver S. Judd, New Britain, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Mallory, Wheeler Co., New Haven, Conn.
Pullman Sash Balance Co., Rochester, N. Y.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

715. FERRULES. I

A. BRASS FERRULES. American Ring Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Frank Fowler, Louisville, Ky.
Geneva Tool Co., Geneva, O.
H. W. Humphrey, Unionville, Conn.
Novelty Mfg. Co., Waterbury, Conn.
John L. Parker & Co., Worcester, Mass.
Peck Bros. & Co., New Haven, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Union Hardware Co., Torrington, Conn.
Waterbury Brass Co., Waterbury, Conn.
Western Brass Mfg. Co., 615 Walnut St., St. Louis, Mo.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
Withington & Cooley Mfg. Co., Jackson, Mich.
Worcester Ferrule & Mfg. Co., Worcester, Mass.

B. GERMAN SILVER FERRULES. Novelty Mfg. Co., Waterbury, Conn.

C. IRON FERRULES. Illinois Malleable Iron Co., W. Monroe St., Chicago, Ill.
Novelty Mfg. Co., Waterbury, Conn.
John L. Parker & Co., Worcester, Mass.
James Robertson Mfg. Co., 30 Hanover St., Baltimore, Md.
Union Hardware Co., Torrington, Conn.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
Withington & Cooley Mfg. Co., Jackson, Mich.

D. LEAD FERRULES. James Robertson Mfg. Co., 30 Hanover St., Baltimore, Md.

E. SASH TOOL FERRULES. Sargent & Co., New Haven, Conn.

F. SEAMLESS FERRULES. American Ring Co., Waterbury, Conn.
Ansonia Brass & Copper Co., 10 Cliff St., New York.
Novelty Mfg. Co., Waterbury, Conn.
John L. Parker & Co., Worcester, Mass.
Pratt Chuck Co., Frankfort, N. Y.

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Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
Withington & Cooley Mfg. Co., Jackson, Mich.

G. TABLE CUTLERY FERRULES. Novelty Mfg. Co., Waterbury, Conn.

H. TIN FERRULES. Troy Stamping Works, Troy, N. Y.

I. WIRE FERRULES. Wire Goods Co., Worcester, Mass.

716. FISH SPEARS. Collins & Co., Collinsville, Conn.

717. FOOT SCRAPERS. Chalfant Mfg. Co., Atglen, Mass.
J. W. Fiske, 39 Park Place, New York.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Stover Mfg. Co., Freeport, Ill.

718. FURNITURE HANDLES.

A. CHEST HANDLES. Chalfant Mfg. Co., Lancaster, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Stanley Works, New Britain, Conn.
Stover Mfg. Co., Freeport, Ill.
Wheeling Hinge Co., Wheeling, W. Va.
Wrightsville Hardware Co., Wrightsville, Pa.

B. DRAWER PULLS. American Ring Co., Waterbury, Conn.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
P. & F. Corbin, New Britain, Conn.
Foster, Merriam & Co., Meriden, Conn.
Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.
Meriden Malleable Iron Co., Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn. Hardware Co., Reading, Pa.
Piqua Handle & Mfg. Co., Piqua, O.
Plume & Atwood Mfg. Co., Waterbury, Conn.
C. Rogers & Bros., Meriden, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stover Mfg. Co., Freeport, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.
Yale & Towne Mfg. Co., Stamford, Conn.

C. DROP HANDLES. American Ring Co., Waterbury, Conn.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Foster, Merriam & Co., Meriden, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Meriden Malleable Iron Co., Meriden, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

D. ESCUTCHEON PULLS. American Ring Co., Waterbury, Conn.
Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.

719. GAS TIP CLEANERS. Jas. H. Seed, 12 Centre St., New York.

720. GATE FIXTURES.

A. FARM GATE HANGERS. Racine Malleable Wrought Iron Co., Racine, Wis.
F. E. Myers & Bros., Ashland, O.

B. GATE HOOKS & EYES. M. S. Brooks & Sons, Chester, Conn.
Humason & Beckley Mfg. Co., New Britain, Conn.
H. L. Judd & Co., 87 Chambers St., New York.

721. GLAZIERS' POINTS. Atlas Tack Corporation, Taunton, Mass.
Austin & Eddy, 117 Broad St., Boston, Mass.
Hubbard & McClary, Windsor, Vt.
H. W. Humphrey, Unionville, Conn.

722. GLUE POTS. W. O. Hickok Mfg. Co., Harrisburg, Pa.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Landers, Frary & Clark, New Britain, Conn.
S. Obermayer Co., Cincinnati, O.
Patton Mfg. Co., Columbus, O.
Sidney Shepard & Co., Buffalo, N. Y.

723. GONGS. Bevin Bros. Mfg. Co., East Hampton, Conn.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Edwards & Co., 144th St. & 4th Av., New York.
W. T. Garratt & Co., Inc., San Francisco, Cal.
McNab & Harlin Mfg. Co., Paterson, N. J.
Phosphor Bronze Smelt. Co., Ltd., 220 Wash. Av., Phila., Pa.
Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

A. SIGNAL GONGS. Gong Bell Mfg. Co., East Hampton, Conn.
E. A. Williams & Son, 105 Plymouth St., Jersey City N. J.

B. STEEL GONGS. E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

C. TABLE GONGS. H. L. Judd & Co., 87 Chambers St., New York.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

724. GUTTER IRONS.

A. CONDUCTOR FASTENERS.
Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
Lamb & Ritchie, Cambridgeport, Mass.
Thompson Mfg. Co., Cleveland, O.

B. EAVES TROUGH HANGERS.
J. R. Baker & Sons Co., Kendallville, Ind.
Berger Bros., Co., 237 Arch St., Philadelphia, Pa.
Iwan Bros., Streator, Ill.
Joliet Mfg. Co., Joliet, Ill.
Wheeling Corrugating Co., Wheeling, W. Va.

725. HARDWARE.

A. AWNING HARDWARE.
Shelton Co., Derby, Conn.
E. C. Stearns & Co., Syracuse, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

B. BUILDERS' HARDWARE.
Brittan & Mathes Co., Pittsburg, Pa.
Bommer Bros., 351 Jay St., Brooklyn,N. Y.
P. & F. Corbin, New Britain, Conn.
Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
W. & E. T. Fitch Co., New Haven, Conn.
Hobart B. Ives & Co., New Haven, Conn.
Lockwood Mfg. Co., S. Norwalk, Conn.
Mallory, Wheeler Co., New Haven, Conn.
New England Butt Co., Providence, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
Stover Mfg. Co., Freeport, Ill.
Van Wagoner & Williams Hardw. Co., 14 Warren St., N. Y.
Willer Mfg. Co., Milwaukee, Wis.
Wire Goods Co., Worcester, Mass.
J. F. Wollensak, 955 Lake St., Chicago, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

C. CABINET HARDWARE.
American Pin Co., Waterbury, Conn.
Foster, Merriam & Co., Meriden, Conn.
H. C. Hart Mfg. Co., Detroit, Mich.
Meriden Bronze Co., Meriden, Conn.
Meriden Malleable Iron Co., Meriden, Conn.
Stanley Works, New Britain, Conn.

D. HARDWARE NOVELTIES.
Thos. J. Andress, 821 Cherry St., Philadelphia, Pa.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
Hobart B. Ives & Co., New Haven, Conn.
Landers, Frary & Clark, New Britain, Conn.
New England Butt Co., Providence, R. I.
Philadelphia Novelty Mfg. Co., 428 N. 13th St., Phila., Pa.
C. J. Root, Bristol, Conn.
Stover Mfg. Co., Freeport, Ill.
N. R. Streeter & Co., Rochester, N. Y.
Saml. C. Tatum Co., Cincinnati, O.
Turner & Seymour Mfg. Co., Torrington, Conn.
J. F. Wollensak, 225 Lake St., Chicago, Ill.

E. HEAVY HARDWARE.
Oliver Iron & Steel Co., Pittsburg, Pa.

F. ICE HOUSE HARDWARE.
Grand Rapids Brass Co., Grand Rapids, Mich.
Hine-Watt Mfg. Co., 14 N. Canal St., Chicago, Ill.

G. REFRIGERATOR HARDWARE.
Grand Rapids Brass Co., Grand Rapids, Mich.
Hine-Watt Mfg. Co., 14 N. Canal St., Chicago, Ill.

H. SAIL MAKERS' HARDWARE.
Wilcox, Crittenden & Co., Middletown, Conn.

I. SHADE HARDWARE.
H. L. Judd & Co., 87 Chambers St., New York.
Turner & Seymour Mfg. Co., Torrington, Conn.
Jay C. Wemple Co., 537 Broadway, New York.
Wheeling Stamping Co., Wheeling, W. Va.

J. SPECIAL HARDWARE.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
M. S. Brooks & Sons, Chester, Conn.
R. H. Brown & Co., New Haven, Conn.
H. C. Hart Mfg. Co., Detroit, Mich.
New Britain Hardware Mfg. Co., New Britain, Conn.

K. THEATRICAL HARDWARE.
John R. Clancy, Syracuse, N. Y.

L. TINNERS' HARDWARE.
American Buckle Co., West Haven, Conn.
Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.

M. TRUNK HARDWARE.
Thos. Devlin & Co., 3 & Lehigh Av., Philadelphia, Pa.
M. Gould's Son & Co., Newark, N. J.
R. C. Jenkinson & Co., Newark, N. J.
R. Neumann & Co., Newark, N. J.

	J. H. Sessions & Son, Bristol, Conn.
	Henry P. Wood, 20 Reade St., New York.
N. UPHOLSTERERS' HARDWARE.	H. L. Judd & Co., 87 Chambers St., New York.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	Waterbury Mfg. Co., Waterbury, Conn.
	Wire Goods Co., Worcester, Mass.
726. HARDWARE, MARINE.	Billings & Spencer Co., Hartford, Conn.
	Thos. Loughlin Co., Portland, Me.
	Stamford Foundry Co., Stamford, Conn.
	Truscott Boat Mfg. Co., St. Joseph, Mich.
	J. C. Torrey & Sons, Rockland, Me.
	Union Hardware Co., Torrington, Conn.
	Wilcox, Crittenden & Co., Middletown, Conn.
A. ANCHORS.	W. G. Alden, Camden, Me.
	American Ship Windlass Co., Providence, R. I.
	Cape Ann Anchor Works, Gloucester, Mass.
	Geo. B. Carpenter & Co., 208 S. Water St., Chicago, Ill.
	Chester Steel Casting Co., 407 Liberty St., Philadelphia, Pa.
	De Grauw, Aymar & Co., 34 South St., New York.
	John H. Dialogue & Son, Camden, N. J.
	Thos. Dimond, 128 W. 33d St., New York.
	Emporia Foundry & Machine Works, Emporia, Kan.
	Thos. Laughlin Co., Portland, Me.
	Geo. M. Stanwood & Co., Portland, Me.
	Uhler & English, 106 N. Delaware Av., Philadelphia, Pa.
B. ANCHORS, FOLDING.	W. G. Alden, Camden, Me.
	Chester Steel Casting Co., 407 Liberty St., Philadelphia, Pa.
	Loring W. Ferdinand & Co., 267 Federal St., Boston, Mass.
	Geo. M. Stanwood & Co., Portland, Me.
C. BOAT CLEATS.	Thos. Laughlin Co., Portland, Me.
	Pusey & Jones Co., Wilmington, Del.
	Shelton Co., Derby, Conn.
D. BOAT DETACHERS.	Thos. Shaw Mfg. Co., 915 Ridge Av., Philadelphia, Pa.
E. BOAT HOOKS.	De Grauw, Aymar & Co., 34 South St., New York.
	Detroit Boat Works, Detroit, Mich.
	Shelton Co., Derby, Conn.
	Geo. M. Stanwood & Co., Portland, Me.
F. BRASS WORK, SHIP.	McCambridge & Co., 525 Cherry St., Philadelphia, Pa.
	Stewart & Mattson Mfg. Co., 2052 N. 10th St., Phila., Pa.
G. CHAIN INDICATORS.	American Ship Windlass Co., Providence, R. I.
H. CHAIN STOPPERS.	American Ship Windlass Co., Providence, R. I.
I. HAWSE PIPE STOPPERS.	American Ship Windlass Co., Providence, R. I.
	G. M. Gregory, 214 Front St., New York.
J. HAWSING IRONS.	C. Drew & Co., Kingston, Mass.
	Stamford Foundry Co., Stamford, Conn.
K. MAST & GAFF FITTINGS.	C W. Hunt Co., 45 Broadway, New York.
L. ROWLOCKS.	Pratt & Letchwortle, Buffalo, N. Y.
	Tower & Lyon, 95 Chambers St., New York.
M. RUDDER BRACES.	Thos. Laughlin Co., Portland, Me.
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
N. RUDDER SUPPORTERS.	American Ship Windlass Co., Providence, R. I.
O. SAIL HOISTS.	Shelton Co., Derby, Conn.
P. SHEET HOLDERS.	Enos Sheet Holder Co., Peabody, Mass.
Q. SHIP FASTENERS.	J. G. Torrey & Son, Rockland, Me.
R. SHIP TURNINGS.	Horatio Kelsey, Clinton, Conn.
S. STEERING GEARS.	Chas. D. Durkee & Co., 26 South St., New York.
	Edson Mfg. Co., 132 Commercial St., Boston, Mass.
	Thos. Laughlin Co., Portland, Me.
T. STEERING WHEELS.	Barnes Tool Co., New Haven, Conn.
	Detroit Boat Works, Detroit, Mich.
	Dickson Mfg. Co., Scranton, Pa.
	Thos. Laughlin Co., Portland, Me.
U. TRIMMINGS, BOAT.	Gardner Motor Co., Ltd., New Orleans, La.
	Runge Mfg. Co., Meriden, Conn.
V. TRIMMINGS, SHIP.	Thos. Laughlin Co., Portland, Me.
W. TRIMMINGS, YACHT.	Thomas I. Simpson, 94 John St., New York.
727. HARDWARE SPECIALTIES.	
	Algis Mfg. Co., Marshalltown, Iowa.
	Bonney Vise & Tool Works, 3015 Chestnut St., Phila., Pa.
	Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
	J. H. Hoague, Chicopee, Mass.
	Illinois Cutlery Co., Decatur, Ill.
	S. E. Root, Bristol, Conn.
	L. T. Snow, New Haven, Conn.
	Union Lock & Hardware Co., Lancaster, Pa.
A. CAN OPENERS.	W. L. Barrett, Bristol, Conn.

Gibbs Mfg. Co., Canton, O.
A. S. Henn & Co., New Haven, Conn.
Illinois Cutlery Co., Decatur, Ill.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Kraeuter Co., Newark, N. J.
Landers, Frary & Clark, New Britain, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Nickel Plate Mfg. Co., Meriden, Conn.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
C. S. Osborne & Co., Newark, N. J.
Paxton Hardware Mfg. Co., Paxton, Ill.
Phila. Novelty Mfg. Co., 428 N. 13th St., Philadelphia, Pa.
Racine Hardware Co., Racine, Wis.
Runge Mfg. Co., Meriden, Conn.
Sinclair-Scott Co., Baltimore, Md.
N. R. Streeter & Co., Rochester, N. Y.
F. R. Woodward, Hill, N. H.
Wrightsville Hardware Co., Wrightsville, Pa.

B. CHAMPAGNE CUTTERS.
C. S. Osborne & Co., Newark, N. J.
C. T. Williamson, Newark, N. J.

C. CHERRY STONERS.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
Goodell Co., Antrim, N. H.
Sinclair-Scott Co., Baltimore, Md.

D. CHRISTMAS TREE HOLDERS.
North Bros. Mfg. Co., Lehigh Av. & Amer. St., Phila., Pa.

E. CORK PRESSERS.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.

F. CORK PULLERS.
Erie Specialty Co., Erie, Pa.
Meriden Malleable Iron Co., Meriden, Conn.
Herman Strater & Sons, 74 Snoburg St., Boston, Mass.

G. CORKSCREWS.
Arlington Mfg. Co., 475 Broadway, New York.
Wm. Crabb & Co., Newark, N. J.
Empire Knife Co., West Winsted, Conn.
Erie Specialty Co., Erie, Pa.
Humason & Beckley Mfg. Co., New Britain, Conn.
Meriden Britannia Co., Meriden, Conn.
Meriden Malleable Iron Co., Meriden, Conn.
Parks & Parks, Troy, N. Y.
Reed Mfg. Co., Erie, Pa.
R. Wallace Sons Mfg. Co., Wallingford, Conn.
C. T. Williamson Wire Novelty Co., Newark, N. J.
F. R. Woodward, Hill, N. H.

H. FRUIT PARERS.
A. F. Bannister & Co., Newark, N. J.
Goodell Co., Antrim, N. H.
Hudson Parer Co., Leominster, Mass.
Penn. Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sinclair-Scott Co., Baltimore, Md.

I. FRUIT PARERS, CORERS & SLICERS COMBINED.
Goodell Co., Antrim, N. H.
Hudson Parer Co., Leominster, Mass.
Illinois Cutlery Co., Decatur, Ill.
Sinclair-Scott Co., Baltimore, Md.

J. ICE CLIPPERS.
North Bros. Mfg. Co., Lehigh Av., Philadelphia, Pa.
Stover Mfg. Co., Freeport, Ill.

K. ICE CRUSHERS.
Clement & Dunbar, 1129 Beach St., Philadelphia, Pa.
Crandall & Godley, 157 Franklin St., New York.
Enterprise Mfg. Co., N. 3d & Dauphin Sts., Philadelphia, Pa.
Harrison Safety Boiler Works, Allegheny Av., Phila., Pa.
Thos. Mills & Bros., 1301 N. 8th St., Philadelphia, Pa.
J. S. Lovering Wharton, Philadelphia, Pa.
White Mountain Freezer Co., Nashua, N. H.

L. ICE SHAVERS.
D. L. Bates & Bro., Dayton, O.
Dicke Tool Co., Downers Grove, Ill.
Erie Specialty Co., Erie, Pa.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
North Bros. Mfg. Co., Lehigh Av., Philadelphia, Pa.
Stover Mfg. Co., Freeport, Ill.

M. MEAT CHOPPERS.
Athol Machine Co., Athol, Mass.
G. V. Brecht Butchers' Supply Co., Cass Av., St. Louis, Mo.
A. Buch's Sons, Elizabeth, Pa.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
D. R. Kenyon & Son, Raritan, N. J.
Model Mfg. Co. of Pa., 197 Huntington St., Philadelphia, Pa.
Murray Iron Works Co., Burlington, Iowa.
North Bros. Mfg. Co., Lehigh Av., Philadelphia, Pa.
C. S. Osborne & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.

W. W. Renkin Co., 1-3 Marion Av., Allegheny, Pa.
John E. Smith's Sons, Buffalo, N. Y.
John Storty & Son, 210 Vine St., Philadelphia, Pa.
N. R. Streeter & Co., Rochester, N. Y.

N. MILK SHAKERS.
D. L. Bates & Bro., Dayton, O.
Erie Specialty Co., Erie, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

O. PEACH PITTING MACHINES.
Sinclair-Scott Co., Baltimore, Md.

P. PEANUT ROASTERS.
T. B. C. Burpee, 2639 N. 17th St., Philadelphia, Pa.
Crandall & Godley, 157 Franklin St., New York.
C. Cretors & Co., 10-18, Desplaines St., Chicago, Ill.
Kingery Mfg. Co., West Pearl St., Cincinnati, O.
Thomas Lee, 79 Race St., Cincinnati, O.

Q. PEA SHELLERS.
Landers, Frary & Clark, New Britain, Conn.
Sinclair-Scott Co., Baltimore, Md.

R. REVOLVING CLOTHES DRYER IRONS.
Rumsey & Co., Seneca Falls, N. Y.

S. SAUSAGE MEAT CUTTERS.
Jas. L. Harness Co., 56 Plum St., Cincinnati, O.
Peck, Stow & Wilcox Co., Southington, Conn.
John E. Smith Sons, Buffalo, N. Y.

T. SLAW & KRAUT CUTTERS.
I. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Illinois Cutlery Co., Decatur, Ill.
National Saw Co., Newark, N. J.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

U. SMOKED BEEF SHAVERS.
Chadborn & Harris Co., Newburgh, N. Y.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
Model Mfg. Co. of Pa., 197 Huntington St., Philadelphia, Pa.

V. VEGETABLE CUTTERS.
Aspinwall Mfg. Co., Jackson, Mich.
M. L. Edwards Co., Salem, O.
Evans Mfg. Co., Ypsilanti, Mich.
Goodell Co., Antrim, N. H.
H. N. Hubbard, 18 Cliff St., New York.
Peck, Stow & Wilcox Co., Southington, Conn.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

728. HASPS.
P. J. Conroy, Island Rd. & S. 75th St., Philadelphia, Pa.
Cronk Hanger Co., Elmira, N. Y.
Stanley Works, New Britain, Conn.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
Wheeling Hinge Co., Wheeling, W. Va.

A. HASPS & STAPLES.
Cronk Hanger Co., Elmira, N. Y.
Humason & Beckley Mfg. Co., New Britain, Conn.
Racine General Mfg. Co., Racine, Wis. *27
Wheeling Hinge Co., Wheeling, W. Va.
Stanley Works, New Britain, Conn.

729. HINGE PLATES.
American Ring Co., Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.

730. HINGES.

A. BED LOUNGE HINGES.
Stanley Works, New Britain, Conn.
Wheeling Hinge Co., Wheeling, W. Va.

B. BLIND HINGES.
Chalfant Mfg. Co., Lancaster, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Stover Mfg. Co., Freeport, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

C. BRASS HINGES.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
P. J. Conroy, Island Rd. & S. 75th St., Philadelphia, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Charles J. Root, Bristol, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Stanley Works, New Britain, Conn.
Stover Mfg. Co., Freeport, Ill.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

D. BRONZE HINGES.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
Brittan & Mathes Co., Pittsburg, Pa.
Stover Mfg. Co., Freeport, Ill.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

E. CARRIAGE HINGES.
C. Cowles & Co., Inc., New Haven, Conn.
English & Mersick Co., New Haven, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

F. CIGAR BOX HINGES.
A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.
Stanley Works, New Britain, Conn.

G. DOOR HINGES.
Aetna Nut Co., Southington, Conn.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.

Wm. Clark Sons Co., Pittsburg, Pa.
P. & F. Corbin, New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
New England Butt Co., Providence, R. I.
Pullman Sash Balance Co., Rochester, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stanley Works, New Britain, Conn.
Stover Mfg. Co., Freeport, Ill.
Union Mfg. Co., New Britain, Conn.
Van Wagoner & Williams Hdw. Co., New York.
Wheeling Hinge Co., Wheeling, W. Va.

H. GATE HINGES.
Chalfant Mfg. Co., Lancaster, Pa.
Dicke Tool Co., Downers Grove, Ill.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
New England Butt Co., Providence, R. I.
Racine Hardware Co., Racine, Wis.
Racine General Mfg. Co., Racine, Wis. *27
Union Mfg. Co., New Britain, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

I. GATE HINGES, SELF-CLOSING.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
New England Butt Co., Providence, R. I.

J. HOOK END EYE HINGES.
Wheeling Hinge Co., Wheeling, W. Va.

K. PIANO HINGES.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Chas. J. Root, Bristol, Conn.

L. RACHET SPRING HINGES.
Peck, Stow & Wilcox Co., Southington, Conn.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

M. REFRIGERATOR DOOR HINGES.
P. J. Conroy, Island Rd. & S. 75th St., Philadelphia, Pa.
Stanley Works, New Britain, Conn.

N. SPRING DOOR HINGES.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
Stover Mfg. Co., Freeport, Ill.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

O. SPRING HINGES.
Arcade Mfg. Co., Freeport, Ill.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
L. M. De Vore & Co., Freeport, Ill.
M. C. Hart Mfg. Co., Detroit, Mich.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Hunt, Helm & Ferris, Harvard, Ill.
F. E. Kohler & Co., Canton, O.
Sabin Machine Co., Montpelier, Vt.
Stover Mfg. Co., Freeport, Ill.
Union Mfg. Co., New Britain, Conn.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

P. SPRING HINGES, DOUBLE ACTING.
Bommer Bros., 351 Jay St., Brooklyn, N. Y.
Bridgeport Brass Co., Bridgeport, Conn.
Racine Hardware Co., Racine, Wis.
Sabin Machine Co., Montpelier, Vt.
E. C. Stearns & Co., Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Union Mfg. Co., New Britain, Conn.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

Q. STRAP HINGES.
Edwin Gilmore, Easton, Mass.
Lindsay & McCutcheon, Pittsburg, Pa.
James Mann & Sons, Buffalo, N. Y.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
Wheeling Hinge Co., Wheeling, W. Va.

R. TAIL BOARD HINGES.
Pratt & Letchworth, Buffalo, N. Y.

S. "T" HINGES.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
F. E. Kohler & Co., Canton, O.
Lindsay & McCutcheon, Pittsburg, Pa.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Sargent & Co., New Haven, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

T. TRUNK HINGES.
M. Gould's Son & Co., Newark, N. J.
Lindsay & McCutcheon, Pittsburg, Pa.
Stanley Works, New Britain, Conn.

U. WIRE HINGES.
R. S. Pickering, Sharon Hill, Pa.
Wire Goods Co., Worcester, Mass.

731. HITCHING POST CAPS.
John Campbell, Manchester, N. H.
E. C. Stearns & Co., Syracuse, N. Y.
Union Mfg. Co., New Britain, Conn.

732. HOOKS.

A. APRON HOOKS.
C. Cowles & Co., Inc., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
Metal Stamping Co., 386 West Broadway, New York.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

B. AWNING HOOKS.	M. S. Brooks & Sons, Chester, Conn.
	Humason & Beckley Mfg. Co., New Britain, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
C. BIRD CAGE HOOKS.	Andrew B. Hendryx Co., New Haven, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Landers, Frary & Clark, New Britain, Conn.
	Runge Mfg. Co., Meriden, Conn.
	Stover Mfg. Co., Freeport, Ill.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	Wire Goods Co., Worcester, Mass.
	Wrightsville Hardware Co., Wrightsville, Pa.
D. CARPET HOOKS.	Crandal, Stone & Co., Binghamton, N. Y.
E. CART HOOKS.	Kerr Bros. & Co., Hicksville, O.
	C. T. Williamson Wire Novelty Co., Newark, N. J.
F. CEILING HOOKS.	Landers, Frary & Clark, New Britain, Conn.
	Stover Mfg. Co., Freeport, Ill.
	Van Wagoner & Williams Hdw. Co., 14 Warren, New York.
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
	Whittemore Bros., 579 Broadway, New York.
	C. T. Williamson Wire Novelty Co., Newark, N. J.
G. CHANDELIER HOOKS.	American Pin Co., Waterbury, Conn.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	W. S. Edwards Mfg. Co., 21 Lake St., Chicago, Ill.
	H. L. Judd & Co., 87 Chambers St., New York.
	Landers, Frary & Clark, New Britain, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
	Wire Goods Co., Worcester, Mass.
H. CLOTHES LINE HOOKS.	P. & F. Corbin, New Britain, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
I. COAT & HAT HOOKS.	Atlas Mfg. Co., 127 Water St., New Haven, Conn.
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Chalfant Mfg. Co., Lancaster, Pa.
	Foster, Merriam & Co., Meriden, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	J. R. Palmenberg's Sons, 710 Broadway, New York.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Smith & Egge Mfg. Co., Bridgeport, Conn.
	Van Wagoner & Williams Hdw. Co., 14 Warren, New York.
	C. T. Williamson Wire Novelty Co., Newark, N. J.
	Wire Goods Co., Worcester, Mass.
	Wrightsville Hardware Co., Wrightsville, Pa.
	Yale & Towne Mfg. Co., Stamford, Conn.
J. CONDUCTOR HOOKS.	Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
	Sidney Shepard & Co., Buffalo, N. Y.
	Wheeling Corrugating Co., Wheeling, W. Va.
K. CORNICE HOOKS.	P. & F. Corbin, New Britain, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	C. T. Williamson Wire Novelty Co., Newark, N. J.
L. CUP HOOKS.	M. S. Brooks & Sons, Chester, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	Wire Goods Co., Worcester, Mass.
M. CUP HOOKS, IRON.	M. S. Brooks & Sons, Chester, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	Wire Goods Co., Worcester, Mass.
N. DESK HOOKS.	Landers, Frary & Clark, New Britain, Conn.
	Wire Goods Co., Worcester, Mass.
O. DRAPERY HOOKS.	M. S. Brooks & Son, Chester, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
P. FLOOR HOOKS.	Michigan Bolt & Nut Works, Detroit, Mich.
	Wheeling Hinge Co., Wheeling, W. Va.
Q. GATE & SHUTTER HOOKS.	M. S. Brooks & Sons, Chester, Conn.
	Covert's Saddlery Works, Farmer, N. Y.
	Ossawan Mills Co., Norwich, Conn.
R. HAMMOCK HOOKS.	A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
	P. & F. Corbin, New Britain, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	I. E. Palmer, Middletown, Conn. *33
	E. C. Stearns & Co., Syracuse, N. Y.
	Wheeling Hinge Co., Wheeling, W. Va.
	Wire Goods Co., Worcester, Mass.
S. HARNESS HOOKS.	Wrightsville Hardware Co., Wrightsville, Pa.
T. JOINT HOOKS.	Wheeling Hinge Co., Wheeling, W. Va.

U. LADDER HOOKS.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
	C. W. H. Moulton & Co., E. Cambridge, Mass.	
	Reilley Bros., 322 W. 41st St., New York.	
V. LADDER HOOKS, ADJUSTABLE.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
	F. H. Beecher, Seymour, Conn.	
W. LAMBREQUIN HOOKS.	M. S. Brooks & Sons, Chester, Conn.	
X. LANTERN HOOKS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.	
Y. MEAT HOOKS.	M. S. Brooks & Sons, Chester, Conn.	
	Humason & Beckley Mfg. Co., New Britain, Conn.	
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.	
	Landers. Frary & Clark, New Britain, Conn.	
	August Nittinger, 826 N. 4th St., Philadelphia, Pa.	
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.	
	Wheeling Hinge Co., Wheeling W. Va.	
	Wire Goods Co., Worcester, Mass.	
Z. OILING HOOKS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.	
AA. PAINT POT HOOKS.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
	Reilley Bros., 322 W. 41st St., New York.	
BB. PICTURE HOOKS.	M. S. Brooks & Sons, Chester, Conn.	
	Grilley Co., New Haven, Conn.	
	H. L. Judd & Co., 87 Chambers St., New York.	
	Oliver S. Judd, New Britain, Conn.	
	Manhattan Brass Co., 338 E. 28th St., New York.	
	Ossawan Mills Co., Norwich, Conn.	
	Plume & Atwood Mfg. Co., Waterbury, Conn.	
	Turner & Seymour Mfg. Co., Torrington, Conn.	
	Wheeling Hinge Co., Wheeling, W. Va.	
	C. T. Williamson Wire Novelty Co., Newark, N. J.	
	Wire Goods Co., Worcester, Mass.	
CC. PULLEY HOOKS.	E. C. Stearns & Co., Syracuse, N. Y.	
DD. REIN HOOKS.	Metal Stamping Co., 386 W. Broadway, New York.	
	Walter W. Woodruff & Sons, Mount Carmel, Conn.	*23
EE. ROBE HOOKS.	Huebel & Manger, 286 Graham St., Brooklyn, N. Y.	
	Searls Mfg. Co., 27 Mulberry St., Newark, N. J.	
FF. SAFETY DOOR HOOKS.	Covert's Saddlery Works, Farmer, N. Y.	
GG. SCREW HOOKS.	M. S. Brooks & Sons, Chester, Conn.	
	Humason & Beckley Mfg. Co., New Britain, Conn.	
	H. L. Judd & Co., 87 Chambers St., New York.	
	Landers, Frary & Clark, New Britain, Conn.	
	Thos. Laughlin Co., Portland, Me.	
	Ossawan Mills Co., Norwich, Conn.	
	Wire Goods Co., Worcester, Mass.	
HH. "S" HOOKS.	M. S. Brooks & Sons, Chester, Conn.	
II. SIGN HOOKS.	Wheeling Hinge Co., Wheeling, W. Va.	
JJ. SOIL & GAS PIPE HOOKS.	Berger Bros. Co., 237 Arch St., Philadelphia, Pa.	
	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.	
KK. TASSEL HOOKS, BRASS.	M. S. Brooks & Son, Chester, Conn.	
	H. L. Judd & Co., 87 Chambers St., New York.	
	John Kroder & Henry Reubel Co., 268 Canal St., New York.	
	Turner & Seymour Mfg. Co., Torrington, Conn.	
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.	
	Wire Goods Co., Worcester, Mass.	
LL. WARDROBE HOOKS.	American Pin Co., Waterbury, Conn.	
	Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.	
	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.	
	Wire Goods Co., Worcester, Mass.	
MM. WELL WHEEL HOOKS.	Wheeling Hinge Co., Wheeling, W. Va.	
NN. WIRE HOOKS.	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.	
	C. T. Williamson Wire Novelty Co., Newark, N. J.	
	Wire Goods Co., Worcester, Mass.	
733. HOOKS & EYES.	Arcade Mfg. Co., Freeport, Ill.	
	Cleveland Hardware Co., Cleveland O.	
	Humason & Beckley Mfg. Co., New Britain, Conn.	
	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.	
734. HOOKS & STAPLES.	Humason & Beckley Mfg. Co., New Britain, Conn.	
	Wheeling Hinge Co., Wheeling, W. Va.	
735. HORSESHOE CALKS.		
A. REMOVABLE HORSESHOE CALKS.	Neverslip Horseshoe Co., 36 India Wharf, Boston, Mass.	
	Western Automatic Machine Screw Co., Elyria, O.	
B. TOE CALKS.	P. F. Burke, Boston, Mass.	
	Franklin Steel Works, 447 Dorchester Av., Boston, Mass.	
	James S. Palmer, Cornville, Me.	
	Rhode Island Perkins Horse Shoe Co., Providence, R. I.	
	Sweets Mfg. Co., Syracuse, N. Y.	
736. HORSESHOES.	American Horse Shoe Co., Phillipsburg, N. J.	*24
	Bryden Horse Shoe Co., Catasauqua, Pa.	

	Burden Iron Co., Troy, N. Y.	
	Diamond State Iron Co., 29 Broadway, New York.	
	Neverslip Horseshoe Co., 36 India Wharf, Boston, Mass.	
	Old Dominion Iron & Nail Works Co., Richmond, Va.	
	Phoenix Horseshoe Co. of Illinois, Poughkeepsie, N. Y.	
	Rhode Island Perkins Horseshoe Co., Providence, R. I.	
	Shoenberger Steel Co., Inc., Pittsburg, Pa.	
	Fredegar Co., Richmond, Va.	
A. JACK SHOES.	American Horse Shoe Co.,, Phillipsburg, N. J.	*24
B. MARSH SHOES.	Geo. A. Pounder, Fort Atkinson, Wis.	
C. MULE SHOES.	American Horse Shoe Co.,, Phillipsburg, N. J.	*24
	Bryden Horse Shoe Co., Catasauqua, Pa.	
	Diamond State Iron Co., 29 Broadway, New York.	
	Livermore Foundry & Machine Co., Memphis, Tenn.	
	Old Dominion Iron & Nail Works Co., Richmond, Va.	
	Phoenix Horse Shoe Co., Joliet, Ill.	
	Rhode Island Perkins Horseshoe Co., Providence, R. I.	
D. RACING PLATES.	Bryden Horse Shoe Co., Catasauqua, Pa.	
E. RUBBER HORSESHOES.	Peoria Rubber Mfg. Co., Peoria, Ill.	
737. KEY BLANKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.	
	Eagle Lock Co., Terryville, Conn.	
	New England Butt Co., Providence, R. I.	
	Sargent & Greenleaf Co., Rochester, N. Y.	
738. KEY PLATES.	Yale & Towne Mfg. Co., Stamford, Conn.	
	Sargent & Co., New Haven, Conn.	
739. KEYS.	Corbin Cabinet Lock Co., New Britain, Conn.	
	P. & F. Corbin, New Britain, Conn.	
	Cushman Chuck Co., Hartford, Conn.	
	New England Butt Co., Providence, R. I.	
	Reading Hardware Co., Reading, Pa.	
	J. F. Wollensak, 38 S. Canal St., Chicago, Ill.	
	Yale & Towne Mfg. Co., Stamford, Conn.	
A. DOOR KEYS.	Brittan & Mathes Co., Pittsburg, Pa.	
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.	
740. KNEES, MIRROR.	Wheeling Hinge Co., Wheeling, W. Va.	
741. KNOBS.		
A. BASE KNOBS.	William R. Hartigan, Collinsville, Conn.	
B. CAR DOOR KNOBS.	Russell & Erwin, 45 Chambers St., New York.	
	Sargent & Co., New Haven, Conn.	
	Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.	
C. CLOSET KNOBS.	Piqua Handle & Mfg. Co., Piqua, O.	
D. DESK KNOBS.	American Ring Co., Waterbury, Conn.	
	P. & F. Corbin, New Britain, Conn.	
	Foster, Merriam & Co., Meriden, Conn.	
	Plume & Atwood Mfg. Co., Waterbury, Conn.	
	Yale & Towne Mfg. Co., Stamford, Conn.	
E. DOOR KNOBS.	Brittan & Mathes Co., Pittsburg, Pa.	
	P. F. Corbin, New Britain, Conn.	
	Grand Rapids Brass Co., Grand Rapids, Mich.	
	Mallory, Wheeler Co., New Haven, Conn.	
	James F. Martin, 1619 Ruan St., Frankford, Pa.	
	Metal Stamping Co., 386 W. Broadway, New York.	
	New England Butt Co., Providence, R. I.	
	Reading Hardware Co., Reading, Pa.	
	Sargent & Co., New Haven, Conn.	
	Stover Mfg. Co., Freeport, Ill.	
	R. Thomas & Sons Co., East Liverpool, O.	
	Yale & Towne Mfg. Co., Stamford, Conn.	
F. DOOR KNOBS, PORCELAIN.	G. F. Brunt Porcelain Works, E. Liverpool, O.	
	R. Thomas & Sons Co., E. Liverpool, O.	
G. DRAWER KNOBS.	Foster, Merriam & Co., Meriden, Conn.	
	Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.	
	H. L. Judd & Co., 87 Chambers St., New York.	
	Yale & Towne Mfg. Co., Stamford, Conn.	
H. PICTURE KNOBS.	Grand Rapids Brass Co., Grand Rapids, Mich.	
	Grilley Co., New Britain, Conn.	
	H. L. Judd & Co., 87 Chambers St., New York.	
	Oliver S. Judd, New Britain, Conn.	
	Ossawan Mills Co., Norwich, Conn.	
	Yale & Towne Mfg. Co., Stamford, Conn.	
I. SCREWLESS KNOBS.	Brittan & Mathes Co., Pittsburg, Pa.	
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.	
	Sargent & Co., New Haven, Conn.	
J. SHUTTER KNOBS.	Brittan & Mathes Co., Pittsburg, Pa.	
	H. L. Judd & Co., 87 Chambers St., New York.	
	James F. Martin, 1619 Ruan St., Frankford, Pa.	

Metal Stamping Co., 386 W. Broadway, New York.
Stover Mfg. Co., Freeport, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

K. SHUTTER KNOBS, BRASS. Brittan & Mathes Co., Pittsburg, Pa.

L. WOODEN KNOBS. Piqua Handle & Mfg. Co., Piqua, O.
John Sommer's Son, Newark, N. J.
Union Hardware Co., Torrington, Conn.

742. LATCHES.

A. CUPBOARD LATCHES. Brittan & Mathes Co., Pittsburg, Pa.
Cronk Hanger Co., Elmira, N. Y.
Mallory, Wheeler Co., New Haven, Conn.
Pennsylvania Hardware Co., Reading, Pa.
Stover Mfg. Co., Freeport, Ill.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.

B. DOOR LATCHES. Brittan & Mathes Co., Pittsburg, Pa.
Buckeye Mfg. Co., Anderson, Ind.
Cronk Hanger Co., Elmira, N. Y.
Stover Mfg. Co., Freeport, Ill.

C. GATE LATCHES. Cronk Hanger Co., Elmira, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
New England Butt Co., Providence, R. I.
Racine General Mfg. Co., Racine, Wis. *27
Stover Mfg. Co., Freeport, Ill.
Union Mfg. Co., New Britain, Conn.
Wheeling Hinge Co., Wheeling, W. Va.
Wilcox Mfg. Co., Aurora, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

D. KNOB LATCHES. Brittan & Mathes Co., Pittsburg, Pa.
Cronk Hanger Co., Elmira, N. Y.
Stover Mfg. Co., Freeport, Ill.

E. NIGHT LATCHES. Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
Brittan & Mathes Co., Pittsburg, Pa.
Cronk Hanger Co., Elmira, N. Y.
Miller Lock Co., Frankford, Philadelphia, Pa.
Romer & Co., Newark, N. J.
Sargent & Greenleaf Co., Rochester, N. Y.
Union Lock & Hardware Co., Lancaster, Pa.
Yale & Towne Mfg. Co., Stamford, Conn.

F. REFRIGERATOR LATCHES. Cronk Hanger Co., Elmira, N. Y.
Hine-Watt Mfg. Co., 14 N. Canal St., Chicago, Ill.
Payson Mfg. Co., 1319 W. Jackson St., Chicago, Ill.

G. RIM LATCHES. Tower & Lyon, 95 Chambers St., New York.

H. SLIDING DOOR LATCHES. Brittan & Mathes Co., Pittsburg, Pa.
Cronk Hanger Co., Elmira, N. Y.
Lane Bros. Co., Poughkeepsie, N. Y.
Sargent & Co., New Haven, Conn.

I. THUMB LATCHES. Wrightsville Hardware Co., Wrightsville, Pa.

743. LETTER BOX PLATES. Brittan & Mathes Co., Pittsburg, Pa.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.

744. LINE CLEATS. P. & F. Corbin, New Britain, Conn.

745. LINKS.

A. CHAIN LINKS. American Bolt Co., Lowell, Mass.
Wm. H. Haskell Co., Pawtucket, R. I.
Hooper & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Thos. Laughlin Co., Portland, Me.
Ewald Over, Indianapolis, Ind.
Pawtucket Mfg. Co., Pawtucket, R. I.

B. CHAIN LINKS, ADJUSTABLE. Henry H. Harvey, 105 High St., Boston, Mass.

C. LAP LINKS. John C. Schmidt & Co., York, Pa.

D. OPEN LINKS. Keystone Drop Forge Co., 20th & Clearfield Sts., Phila., Pa.

E. REPAIR LINKS. John C. Schmidt & Co., York, Pa.
Wheeling Hinge Co., Wheeling, W. Va.

F. SPLIT LINKS. Phosphor Bronze Smelt. Co., Ltd., Wash. Av., Phila., Pa.
Smith & Egge Mfg. Co., Bridgeport, Conn.

G. WIRE LINKS. Foster Bros. Mfg. Co., Utica, N. Y.

746. LOCKS.

A. BARN DOOR LOCKS. Ames Sword Co., Chicopee, Mass.
Brittan & Mathes Co., Pittsburg, Pa.
Mallory, Wheeler Co., New Haven, Conn.
E. C. Stearns & Co., Syracuse, N. Y.
Yale & Towne Mfg. Co., Stamford, Conn.

B. BASEMENT DOOR LOCKS. Mallory, Wheeler Co., New Haven, Conn.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., Stamford, Conn.

C. BOOK LOCKS.	Eagle Lock Co., Terryville, Conn.
D. BURGLAR PROOF LOCKS.	Brittan & Mathes Co., Pittsburg, Pa.
	A. G. Burton & Son, 46 S. Clinton St., Chicago, Ill.
	Mallory, Wheeler Co., New Haven, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
E. CABINET LOCKS.	Corbin Cabinet Lock Co., New Britain, Conn.
	Eagle Lock Co., Terryville, Conn.
	Miller Lock Co., Philadelphia, Pa.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
	Sargent & Greenleaf Co., Rochester, N. Y.
	Yale & Towne Mfg. Co., Stamford, Conn.
F. CAR DOOR LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	W. G. Creamer & Co., 96 John St., New York.
	Dayton Mfg. Co., Dayton, O.
	Q. & C. Co., 700-715 Western Union Bldg., Chicago, Ill.
	Romer & Co., Newark, N. J.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
	Stewart & Mattson Mfg. Co., 2052 N. 10th St., Phila., Pa.
G. CARRIAGE LOCKS.	C. Cowles & Co., Inc., New Haven, Conn.
	Crandal, Stone & Co., Binghamton, N. Y.
	English & Merrick Co., New Haven, Conn.
	Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
H. CHEST LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	Eagle Lock Co., 98 Chambers St., New York.
	Yale & Towne Mfg. Co., Stamford, Conn.
I. CIGAR BOX LOCKS.	Eagle Lock Co., Terryville, Conn.
J. CUPBOARD LOCKS.	Brittan & Mathes Co., Pittsburg, Pa.
	Eagle Lock Co., 98 Chambers St., New York.
	Mallory, Wheeler Co., New Haven, Conn.
	Sargent & Greenleaf Co., Rochester, N. Y.
	Yale & Towne Mfg. Co., Stamford, Conn.
K. DEAD LOCKS.	Brittan & Mathes Co., Pittsburg, Pa.
	Wm. Wilcox Mfg. Co., Middletown, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
L. DESK LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	Eagle Lock Co., Terryville, Conn.
	Sargent, Greenleaf & Co., Stamford, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
M. DOOR LOCK, CHECK & VENTILATOR.	Jos. H. Seed, 12 Centre St., New York.
N. DOOR LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	Brittan & Mathes Co., Pittsburg, Pa.
	P. & F. Corbin, New Britain, Conn.
	Eagle Lock Co., 98 Chambers St., New York.
	Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.
	Hubley Mfg. Co., Lancaster, Pa.
	Keyless Lock Co., 548 N. Halsted St., Chicago, Ill.
	Mallory, Wheeler Co., New Haven, Conn.
	Miller Lock Co., 4523 Tacony St., Philadelphia, Pa.
	New England Butt Co., Providence, R. I.
	Pennsylvania Hardware Co., Reading, Pa.
	Reading Hardware Co., Reading, Pa.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
	Sargent & Greenleaf Co., Rochester, N. Y.
	E. C. Stearns & Co., Syracuse, N. Y.
	Universal Lock Co., 56 Liberty St., New York.
	J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
	Yale & Towne Mfg. Co., Stamford, Conn.
O. DRAWER LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	P. & F. Corbin, New Britain, Conn.
	Eagle Lock Co., 98 Chambers St., New York.
	Miller Lock Co., Frankford, Philadelphia, Pa.
	Yale & Towne Mfg. Co., Stamford, Conn.
P. DRAWER LOCKS, COMBINATION.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
Q. FENCE LOCKS.	Chandlee Fence Co., 11 S. Howard St., Baltimore, Md.
R. FRONT DOOR LOCKS.	Mallory, Wheeler Co., New Haven, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
S. HASP LOCKS.	Eagle Lock Co., Terryville, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
T. KEYLESS LOCKS.	Arthur Jordan, Indianapolis, Ind.
	Keyless Lock Co., 548 N. Halsted St., Chicago, Ill.
	Miller Lock Co., 4523 Tacony St., Philadelphia, Pa.

U. KNOB LOCKS.	Mallory, Wheeler Co., New Haven, Conn. New England Butt Co., Providence R. I. Russell & Erwin Mfg. Co., 45 Chambers St., New York. Sargent & Co., New Haven, Conn. Yale & Towne Mfg. Co., Stamford, Conn.
V. LATCH LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y. E. T. Fraim, Lancaster, Pa. Miller Lock Co., 4523 Tacony St., Philadelphia, Pa. Romer & Co., Newark, N. J. Yale & Towne Mfg. Co., Stamford, Conn.
W. LEVER LOCKS.	C. Cowles & Co., Inc., New Haven, Conn. Yale & Towne Mfg. Co., Stamford, Conn.
X. MORTISE LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y. P. & F. Corbin, New Britain, Conn. Eagle Lock Co., Terryville, Conn. Mallory, Wheeler Co., New Haven, Conn. New England Butt Co., Providence, R. I. Russell & Erwin Mfg. Co., 45 Chambers St., New York. Sargent & Co., New Haven, Conn. Sargent & Greenleaf Co., Rochester, N. Y. Yale & Towne Mfg. Co., Stamford, Conn.
Y. PADLOCKS.	Ames Sword Co., Chicopee, Mass. Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y. Brittan & Mathes Co., Pittsburg, Pa. W. H. Chapman & Co., Middletown, Conn. P. & F. Corbin, New Britain, Conn. Dayton Mfg. Co., Dayton, O. Eagle Lock Co., 98 Chambers St., New York. Hubley Mfg. Co., Lancaster, Pa. Mallory, Wheeler Co., New Haven, Conn. Miller Lock Co., 4523 Tacony St., Philadelphia, Pa. Romer & Co., Newark, N. J. Russell & Erwin Mfg. Co., 45 Chambers St., New York. Smith & Egge Mfg. Co., Bridgeport, Conn. Tower & Lyon, 95 Chambers St., New York. Union Lock & Hardware Co., Lancaster, Pa. Wm. Wilcox Mfg. Co., Middletown, Conn. Yale & Towne Mfg. Co., Stamford, Conn.
Z. PADLOCKS, BICYCLE.	Ames Sword Co., Chicopee, Mass. Eagle Lock Co., Terryville, Conn. E. T. Fraim, Lancaster, Pa. Marlin Fire Arms Co., New Haven, Conn. Tower & Lyon, 95 Chambers St., New York.
AA. PADLOCKS, BRASS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y. Eagle Lock Co., Terryville, Conn. E. T. Fraim, Lancaster, Pa. Mallory, Wheeler Co., New Haven, Conn. Romer & Co., Newark, N. J. Russell & Erwin Mfg. Co., 45 Chambers St., New York. Tower & Lyon, 95 Chambers St., New York. Union Lock & Hardware Co., Lancaster, Pa.
BB. PADLOCKS, KEYLESS.	Miller Lock Co., 4523 Tacony St., Philadelphia, Pa.
CC. PADLOCKS, MAIL.	Eagle Lock Co., Terryville, Conn. E. T. Fraim, Lancaster, Pa. Mallory, Wheeler Co., New Haven, Conn. Miller Lock Co., 4523 Tacony St., Philadelphia, Pa. Smith & Egge Mfg. Co., Bridgeport, Conn.
DD. PADLOCKS, REGISTERING.	Smith & Egge Mfg. Co., Bridgeport, Conn.
EE. PADLOCKS, SCANDINAVIAN.	Tower & Lyon, 95 Chambers St., New York.
FF. PADLOCKS, SPRING.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y. Eagle Lock Co., Terryville, Conn. E. T. Fraim, Lancaster, Pa. Mallory, Wheeler Co., New Haven, Conn. Sargent & Greenleaf Co., Rochester, N. Y. Yale & Towne Mfg. Co., Stamford, Conn.
GG. PIANO & ORGAN LOCKS.	P. & F. Corbin, New Britain, Conn. Eagle Lock Co., Terryville, Conn. Smith & Egge Mfg. Co., Bridgeport, Conn.
HH. POST OFFICE LOCKS.	Eagle Lock Co., Terryville, Conn. Yale & Towne Mfg. Co., Stamford, Conn.
II. REFRIGERATOR LOCKS.	Sargent & Co., New Haven, Conn. Yale & Towne Mfg. Co., Stamford, Conn.
JJ. RIM LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y. P. & F. Corbin, New Britain, Conn. Mallory, Wheeler Co., New Haven, Conn.

	Romer & Co., Newark, N. J.
	Sargent & Greenleaf Co., Rochester, N. Y.
	Yale & Towne Mfg. Co., Stamford, Conn.
KK. SASH LOCKS.	Brittan & Mathes Co., Pittsburg, Pa.
	Caldwell Mfg. Co., Rochester, N. Y.
	Champion Safety Lock Co., Cleveland, O.
	P. & F. Corbin, New Britain, Conn.
	W. & E. T. Fitch Co., New Haven, Conn.
	Mallory, Wheeler Co., New Haven, Conn.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Pullman Sash Balance Co., Rochester, N. Y.
	C. J. Root, Bristol, Conn.
	Sargent & Co., New Haven, Conn.
	Stover Mfg. Co., Freeport, Ill.
LL. SASH LOCKS, BURGLAR PROOF.	Hobart B. Ives & Co., New Haven, Conn.
	Stover Mfg. Co., Freeport, Ill.
	Yale & Towne Mfg. Co., Stamford, Conn.
MM. SEWING MACHINE LOCKS.	Eagle Lock Co., Terryville, Conn.
	Smith & Egge Mfg. Co., Bridgeport, Conn.
NN. SLIDING DOOR LOCKS.	Brittan & Mathes Co., Pittsburg, Pa.
	P. & F. Corbin, New Britain, Conn.
	Eagle Lock Co., 98 Chambers St., New York.
	Mallory, Wheeler Co., New Haven, Conn.
	Miller Lock Co., 4523 Tacony St., Philadelphia, Pa.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
	E. C. Stearns & Co., Syracuse, N. Y.
OO. SPRING LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	Mallory, Wheeler Co., New Haven, Conn.
	Sargent & Greenleaf Co., Rochester, N. Y.
	Yale & Towne Mfg. Co., Stamford, Conn.
PP. STORE DOOR LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn. N. Y.
	Brittan & Mathes Co., Pittsburg, Pa.
	Dayton Mfg. Co., Dayton, O.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
QQ. TRUNK LOCKS.	P. & F. Corbin, New Britain, Conn.
	Eagle Lock Co., 98 Chambers St., New York.
	M. Gould's Son & Co., Newark, N. J.
	Sargent & Greenleaf Co., Rochester, N. Y.
	Henry P. Wood, 20 Reade St., New York.
RR. TUMBLER LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	Mallory, Wheeler Co., New Haven, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
SS. WARDROBE LOCKS.	Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
	Eagle Lock Co., Terryville, Conn.
	Miller Lock Co., Frankford, Philadelphia, Pa.
	Sargent & Greenleaf Co., Rochester, N. Y.
747. LOGGERS' SPURS.	Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
748. NAILS.	
A. BAG BOTTOM NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Tockwotton Co., 79 S. Main St., Providence, R. I.
B. BAND NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Crandal, Stone & Co., Binghamton, N. Y.
	Dash & Carriage Goods Co., Cincinnati, O.
	Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
C. BARBED NAILS.	Atlas Tack Corporation, Taunton, Mass.
	H. P. Nail Co., Cleveland, O.
D. BASKET NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
	La Belle Iron Works, Wheeling, W. Va.
	Milwaukee Tack Co., Milwaukee, Wis.
	Stanley Works, New Britain, Conn.
	Tower Mfg. Co., Madison, Ind.
	York Tack & Nail Works, York, Pa.
E. BOAT NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Detroit Boat Works, Detroit, Mich.
	La Belle Iron Works, Wheeling, W. Va.
	Lake Erie Iron Co., Cleveland, O.
	Milwaukee Tack Co., Milwaukee, Wis.
	Pottstown Iron Co., Pottstown, Pa.
	Shelton Co., Birmingham, Conn.
	York Tack & Nail Works, York, Pa.
F. BOX NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Chas. L. Bailey & Co., Inc., Harrisburg, Pa.

Cumberland Nail & Iron Co., 207 Walnut Pl., Phila., Pa.
Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
Grand Crossing Tack Co., Grand Crossing, Ill.
La Belle Iron Works, Wheeling, W. Va.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Pottstown Iron Co., Pottstown, Pa.
Stanley Works, New Britain, Conn.
York Tack & Nail Works, York, Pa.

G. BRASS NAILS.
Atlas Tack Corporation, Taunton, Mass.
Bridgeport Brass Co., Bridgeport, Conn.
Thos. V. Johnson, 50 Union Square, New York.
Tanner's Nail Co., Howellsville. N. Y.

H. BRASS NAILS, CUPPED.
Ossawan Mills Co., Norwich, Conn.

I. CAR NAILS.
Atlas Tack Corporation, Taunton, Mass.
Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
La Belle Iron Works, Wheeling, W. Va.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Ripley & Bartlett, Plymouth, Mass.
York Tack & Nail Works, York, Pa.

J. CHAIR NAILS.
Atlas Tack Corporation, Taunton, Mass.
Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
Chicago Tack Co., Grand Crossing, Ill.
York Tack & Nail Works, York, Pa.

K. CIGAR BOX NAILS.
Atlas Tack Corporation, Taunton, Mass.
Cobb & Drew, Plymouth, Mass.
Grand Crossing Tack Co., Grand Crossing, Ill.
Milwaukee Tack Co., Milwaukee, Wis.
Stanley Works, New Britain, Conn.
Tower Mfg. Co., Madison, Ind.
York Tack & Nail Works, York, Pa.

L. CLINCH NAILS.
Chas. L. Bailey & Co., Inc., Harrisburg, Pa.
Beman & Co., Binghampton, N. Y.
Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
La Belle Iron Works, Wheeling, W. Va.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Pottstown Iron Co., Pottstown, Pa.
York Tack & Nail Works, York, Pa.

M. CLOTH COVERED NAILS.
Boston Button Co., Congress & A Sts., Boston, Mass.
C. Cowles & Co., Inc., New Haven, Conn.
L. C. White Co., Waterbury, Conn.

N. CLOUT NAILS.
Atlas Tack Corporation, Taunton, Mass.
Chas. L. Bailey & Co., Inc., Harrisburg, Pa.
Cobb & Drew, Plymouth, Mass.
Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
La Belle Iron Works, Wheeling, W. Va.
Plymouth Mills, Inc., Plymouth, Mass.

O. COPPERED NAILS.
E. Phillips & Sons, South Hanover, Mass.

P. COPPER NAILS.
American Ring Co., Waterbury, Conn.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Atlas Tack Corporation, Taunton, Mass.
Bridgeport Brass Co., Bridgeport, Conn.
New Bedford Copper Co., New Bedford, Mass.
Salem Nail Co., 292 Pearl St., New York.
Taunton Copper Mfg. Co., Taunton, Mass.

Q. CUT NAILS.
American Ring Co., Waterbury, Conn.
Atlas Tack Co., Taunton, Mass.
Chas. L. Bailey & Co., Inc., Harrisburg, Pa.
E. & G. Brooke Iron Co., Birdsboro, Pa.
Bruce & Cook, 190 Water St., New York.
Cumberland Nail & Iron Co., 207 Walnut St., Phila., Pa.
Fuller Bros. & Co., 139 Greenwich St., New York.
F. E. Kohler & Co., Canton, O.
La Belle Iron Works, Wheeling, W. Va.
Mahoning Valley Iron Co., Youngstown, O.
Milwaukee Tack Co., Milwaukee, Wis.
Morris, Wheeler & Co., 1608 Market St., Philadelphia, Pa.
New Bedford Copper Co., New Bedford, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Pottstown Iron Co., Pottstown, Pa.
Riverside Iron Works, Inc., Wheeling, W. Va.
Salem Nail Co., 292 Pearl St., New York.
Chas. J. Stebbins, 103 Reade St., New York.
C. C. & E. P. Townsend, New Brighton, Pa.
York Tack & Nail Works, York, Pa.

R. FINISHING NAILS.
Atlas Tack Corporation, Taunton, Mass.
Chas. L. Bailey & Co., Inc., Harrisburg, Pa.

	Chicago Tack Co., 1800 Woodlawn St., Chicago, Ill.
	Cumberland Nail & Iron Co., 207 Walnut Pl., Phila., Pa.
	La Belle Iron Works, Wheeling. W. Va.
	Milwaukee Tack Co., Milwaukee, Wis.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	Pottstown Iron Co., Pottstown, Pa.
	Stanley Works, New Britain, Conn.
	York Tack & Nail Works, York, Pa.
S. FINISHING NAILS, WIRE.	Atlas Tack Corporation, Taunton, Mass.
	H. P. Nail Co., Cleveland, O.
	New Haven Wire Mfg. Co., New Haven, Conn.
	Wire Goods Co., Worcester, Mass.
T. GALVANIZED NAILS.	Lefferts Galvanized Works, 508 E. 20th St., New York.
	H. P. Nail Co., Cleveland, O.
	E. Phillips & Sons, South Hanover, Mass.
	Wheeling Corrugated Co., Wheeling, W. Va.
	Wire Goods Co., Worcester, Mass.
U. GILT NAILS.	Thos. V. Johnson, 56 Union Sq., New York.
	Turner & Seymour Mfg. Co., Torrington, Conn.
V. HEEL NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Grand Crossing Tack Co., Grand Crossing, Ill.
	Milwaukee Tack Co., Milwaukee, Wis.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	Tower Mfg. Co., Madison, Ind.
W. HOB NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Grand Crossing Tack Co., Grand Crossing, Ill.
	Milwaukee Tack Co., Milwaukee, Wis.
	E. Phillips & Sons, South Hanover, Mass.
	Stanley Works, New Britain, Conn.
X. HORSE NAILS.	Ausable Horse Nail Co., Keeseville. N. Y.
	Capewell Horse Nail Co., Hartford, Conn.
	Eagle Bicycle Mfg. Co., Torrington, Conn.
	Essex Horse Nail Co., Essex, N. Y.
	Fowler Nail Co., Seymour, Conn.
	Judson Mfg. Co., San Francisco, Cal.
	Livingston Nail Co., 104 Reade St., New York.
	W. M. Mooney & Co., Au Sable Chasm, N. Y.
	National Horse Shoe Co., 10 Warren St., New York.
	Putnam Nail Co., Erricson St., Boston, Mass.
	J. & J. Rogers, Inc., Au Sable Forks, N. Y.
Y. HUNGARIAN NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
	Milwaukee Tack Co., Milwaukee, Wis.
	E. Phillips & Sons, South Hanover, Mass.
	Stanley Works, New Britain, Conn.
Z. IRON NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Chas. L. Bailey & Co., Inc., Harrisburg, Pa.
	E. & G. Brooke Iron Co., Birdsboro, Pa.
	Burden Iron Co., Troy, N. Y.
	Grand Crossing Tack Co., Grand Crossing, Ill.
	Harriman Tack Co., Harriman, Tenn.
	La Belle Iron Works, Wheeling, W. Va.
	Milwaukee Tack Co., Milwaukee, Wis.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	E. Phillips & Sons, South Hanover, Mass.
	Pottstown Iron Co., Pottstown, Pa.
	Shenango Valley Steel Co., New Castle, Pa.
	Stanley Works, New Britain, Conn.
	Wheeling Hinge Co., Wheeling, W. Va.
AA. LATH NAILS.	Atlas Tack Corporation, Taunton, Mass.
BB. LEATHER CARRIAGE NAILS.	Boston Button Co., Congress & A Sts., Boston, Mass,
	Thos. V. Johnson, 56 Union Sq., New York.
	Tockwotton Co., 79 S. Main St., Providence, R. I.
CC. LEATHER DECORATIVE NAILS.	Thos. V. Johnson, 56 Union Sq., New York.
	Tockwotton Co., Providence, R. I.
DD. LEATHER FURNITURE NAILS.	Boston Button Co., Congress & A Sts., Boston, Mass.
	Thos. V. Johnson, 56 Union Sq., New York.
	Tockwotton Co., 79 S. Main St., Providence, R. I.
EE. LEATHER HEADED NAILS.	Atlas Tack Corporation, Taunton, Mass.
	T. P. Howell & Co., Newark, N. J.
	Thos. V. Johnson Co., 56 Union Sq., New York.
	Tockwotton Co., Providence, R. I.
FF. LINING NAILS.	Atlas Tack Corporation, Taunton, Mass.
	Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
	C. Cowles & Co., Inc., New Haven, Conn.
	Crandal, Stone & Co., Binghamton, N. Y.

		Dash & Carriage Goods Co., Cincinnati, O.
		Grand Crossing Tack Co., Grand Crossing, Ill.
		La Belle Iron Works, Wheeling, W. Va.
		Metal Stamping Co., 386 West Broadway, New York.
GG.	NAME PLATE NAILS.	Dash & Carriage Goods Co., Cincinnati, O.
		Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
HH.	PHOSPHOR-BRONZE NAILS.	Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phila., Pa.
II.	PICTURE NAILS.	P. & F. Corbin, New Britain, Conn.
		Grilley Co., New Haven, Conn.
		H. L. Judd & Co., 87 Chambers St., New York.
		Ossawan Mills Co., Norwich, Conn.
		Turner & Seymour Mfg. Co., Torrington, Conn.
JJ.	ROOFING NAILS.	Atlas Tack Corporation, Taunton, Mass.
		Chas. L. Bailey & Co., Inc., Harrisburg, Pa.
		La Belle Iron Works, Wheeling, W. Va.
		Pottstown Iron Co., Pottstown, Pa.
KK.	RUBBER NAILS.	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
LL.	SADDLE NAILS.	Atlas Tack Corporation, Taunton, Mass.
		Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
		Crandal, Stone & Co., Binghamton, N. Y.
		Grand Crossing Tack Co., Grand Crossing, Ill.
		Peters Harness & Saddlery Co., 11 Green St., Newark, N. J.
		Tockwotton Co., 79 S. Main St., Providence, R. I.
		L. C. White Co., Waterbury, Conn.
MM.	SCREW HEAD NAILS.	Atlas Tack Corporation, Taunton, Mass.
		Turner & Seymour Mfg. Co., Torrington, Mass.
NN.	SHOE NAILS.	Atlas Tack Corporation, Taunton, Mass.
		Beman & Co., Binghamton, N. Y.
		Chess Bros., 531 Wood St., Pittsburg, Pa.
		Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
		W. W. Cross & Co., Brockton, Mass.
		Granite State Tack Co., East Jaffrey, N. H.
		James Houghton & Sons, Lynn, Mass.
		E. Phillips & Sons, South Hanover, Mass.
		Shelton Co., Derby, Conn.
OO.	SLATING NAILS.	Atlas Tack Corporation, Taunton, Mass.
		Chas. L. Bailey & Co., Inc., Harrisburg, Pa.
		La Belle Iron Works, Wheeling, W. Va.
		Old Dominion Iron & Nail Works Co., Richmond, Va.
		Pottstown Iron Co., Pottstown, Pa.
		Wire Goods Co., Worcester, Mass.
PP.	SMALL NAILS.	Atlas Tack Corporation, Taunton, Mass.
		Chicago Tack Co., 78 Woodlawn St., Chicago, Ill.
		La Belle Iron Works, Wheeling, W. Va.
		Old Dominion Iron & Nail Works Co., Richmond, Va.
		Shelton Co., Derby, Conn.
		Wire Goods Co., Worcester, Mass.
		York Tack & Nail Works, York, Pa.
QQ.	SPRIGS.	Atlas Tack Corporation, Taunton, Mass.
		Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
RR.	STAIR NAILS.	Atlas Tack Corporation, Taunton, Mass.
		Gould-Mersereau Co., 259 Canal St., New York.
		York Tack & Nail Co., York, Pa.
SS.	STEEL NAILS.	Baaches & Co., Pittsburg, Pa.
		Chas. L. Bailey & Co., Inc., Harrisburg, Pa.
		Chess Bros., 531 Wood St., Pittsburg, Pa.
		Grand Crossing Tack Co., Grand Crossing, Ill.
		La Belle Iron Works, Wheeling, W. Va.
		Laughlin Nail Co., Inc., Wheeling, W. Va.
		Mahoning Valley Iron Co., Youngstown, O.
		Milwaukee Tack Co., Milwaukee, Wis.
		Norton Iron Works, Ashland, Ky.
		Old Dominion Iron & Nail Works Co., Richmond, Va.
		Pennsylvania Steel Co., Steelton, Pa.
		Pottstown Iron Co., Pottstown, Pa.
		Ripley & Bartlett, Plymouth ,Mass.
		Riverside Iron Works, Inc., Wheeling, W. Va.
		Salem Nail Co., 292 Pearl St., New York.
		Shelton Co., Birmingham, Conn.
		Tower Mfg. Co., Madison, Ind.
		Troy Steel Co., Troy, N. Y.
		York Tack & Nail Works, York, Pa.
TT.	TINNED NAILS.	Atlas Tack Corporation, Taunton, Mass.
		E. Phillips & Sons, South Hanover, Mass.
UU.	TRUNK NAILS.	Atlas Tack Corporation, Taunton, Mass.

Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
Cobb & Drew, Plymouth, Mass.
Grand Crossing Tack Co., Grand Crossing, Ill.
E. Phillips & Sons, South Hanover, Mass.
Plymouth Mills, Inc., Plymouth, Mass.
York Tack & Nail Works, York, Pa.

VV. TUFTING NAILS.
Atlas Tack Corporation, Taunton, Mass.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
Pottstown Iron Co., Pottstown, Pa.

WW. UPHOLSTERY NAILS.
American Ring Co., Waterbury, Conn.
Boston Button Co., Congress & A Sts., Boston, Mass.
Thos. V. Johnson, 56 Union Sq., New York.
H. L. Judd & Co., 87 Chambers St., New York.
Ossawan Mills Co., Norwich, Conn.
Tockwotton Co., Providence, R. I.
Torrington Mfg. Co., Torrington, Conn.

XX. WIRE NAILS.
American Screw Co., Providence, R. I.
American Steel & Wire Co., Havemeyer Bldg., New York.
American Wire Nail Co., Anderson, Ind.
Atlas Tack Corporation, Taunton, Mass.
Baaches & Co., Pittsburg, Pa.
Chas. F. Baker & Co., 50 Lincoln St., Boston, Mass.
Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill
Cleveland Rolling Mill Co., Cleveland, O.
Ellwood Wire & Nail Co., De Kalb, Ill.
Grand Crossing Tack Co., Grand Crossing, Ill.
Indiana Wire Fence Co., Crawfordsville, Ind.
F. E. Kohler & Co., Canton, O.
Marland, Neely & Co., Ltd., Pittsburg, Pa.
H. P. Nail Co., Cleveland, O.
Northwestern Barb Wire Co., Sterling, Ill.
Oliver Wire Co., Pittsburg, Pa.
Phillips, Townsend & Co., N. Pa. Junction, Phila., Pa.
Pittsburg Wire Co., Pittsburg, Pa.
Plymouth Mills, Inc., Plymouth, Mass.
Portage Iron Co., Ltd., Duncansville, Pa.
Quincy Hardware Mfg. Co., Quincy, Ill.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
St. Louis Wire & Iron Co., 21st & Papin Sts., St. Louis, Mo.
Salem Wire Nail Co., Salem, O.
Taunton Wire Nail Co., Taunton, Mass.
C. C. & E. P. Townsend, New Brighton, Pa.
W. P. Townsend & Co., New Brighton, Pa.
Wire Goods Co., Worcester, Mass.

YY. WIRE NAILS, PATENT BARBS.
W. P. Townsend & Co., New Brighton, Pa.

ZZ. YELLOW METAL NAILS.
Taunton Copper Mfg. Co., Taunton, Mass.

749. NUT LOCKS.
Bourne & Knowles Mfg. Co., Cleveland, O.
Crandal, Stone & Co., Binghamton, N. Y.
Eureka Nut Lock Co., Pittsburg, Pa.
National Lock Washer Co., Newark, N. J.
Peerless Mfg. Co., Louisville, Ky.
Ruffner & Son, 3521 Bowman St., Philadelphia, Pa
J. H. Sternbergh & Son, Reading, Pa. *33
Verona Tool Works, Pittsburg, Pa.
Vulcanized Fibre Co., Wilmington, Del.

750. NUTS.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
American Bolt Co., Lowell, Mass.
Anderson Iron & Bolt Co., Anderson, Ind.
Buffalo Bolt Co., Buffalo, N. Y.
Chicago Forge & Bolt Co., 40th St. & Stewart Av., Chic., Ill.
Clark Bros. & Co., Milldale, Conn.
Columbus Bolt Works, Columbus, O.
Detroit Screw Works, Detroit, Mich.
Diamond State Iron Co., 29 Broadway, New York.
Thos. Dimond, 128 W. 33d St., New York.
Hartford Machine Screw Co., Hartford, Conn.
Wm. H. Haskell Co., Pawtucket, R. I.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Indiana Iron Co., Muncie, Ind.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., Cleveland, O.
E. B. Lannan, Columbus, O.
Livermore Foundry & Machine Co., Memphis, Tenn.
Marland, Neely & Co., Ltd., Pittsburg, Pa.

Michigan Bolt & Nut Works, Detroit, Mich.
National Bolt, Nut & Rivet Works, Reading, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penn. Bolt & Nut Co., Lebanon, Pa.
Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phila., Pa.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Pittsburg Mfg. Co., Pittsburg, Pa.
Reynolds & Co., New Haven, Conn.
Rhode Island Tool Co., Providence, R. I.
Schuylkill Haven Iron Co., Schuylkill Haven, Pa.
J. H. Sternbergh & Son, Reading, Pa. *33
Tudor Iron Works, 415 Locust St., St. Louis, Mo.
Upson Nut Co., Unionville, Conn.
Western Automatic Machine Screw Co., Elyria, O.
Wheeling Hinge Co., Wheeling, W. Va.

A. AXLE NUTS.
Pratt & Letchworth, Buffalo, N. Y.
G. F. Warner Mfg. Co., New Haven, Conn.

B. BICYCLE NUTS.
Hartford Machine Screw Co., Hartford, Conn.

C. BRASS NUTS.
Detroit Screw Works, Detroit, Mich.
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
International Electric Co., 76 Beekman St., New York.
Steele & Johnson Mfg. Co., Waterbury, Conn.

D. CLEVIS NUTS.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.

E. HEXAGON NUTS.
Chicago Screw Co., 96 W. Washington St., Chicago, Ill.
Columbus Bolt Works, Columbus, O.
Detroit Screw Works, Detroit, Mich.
Hartford Machine Screw Co., Hartford, Conn.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.

F. RAILROAD NUTS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Cambria Iron Co., Johnstown, Pa.
Diamond State Iron Co., 29 Broadway, New York.
Pawtucket Mfg. Co., Pawtucket, R. I.
J. H. Sternbergh & Son, Reading, Pa. *33
Troy Steel Co., Troy, N. Y.

G. ROUND NUTS.
Detroit Screw Works, Detroit, Mich.
Hartford Machine Screw Co., Hartford, Conn.

H. SILVER PLATED NUTS.
C. Cowles & Co., Inc., New Haven, Conn.

I. SLEEVE NUTS.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
King Bridge Co., Cleveland, O.
J. H. Sternbergh & Son, Reading, Pa. *33

J. TAPPED NUTS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Screw Co., Providence, R. I.
Chicago Screw Co., 96 W. Washington St., Chicago, Ill.
Clark Bros. & Co., Milldale, Conn.
Frasse Co., 19 Warren St., New York.
Wm. H. Haskell Co., Pawtucket, R. I.
Hoopes & Townsend, 1330 Buttonwood St., Phila., Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Port Chester Bolt & Nut Co., Port Chester, N. Y.
J. H. Sternbergh & Son, Reading, Pa. *33

K. THUMB NUTS.
Billings & Spencer Co., Hartford, Conn.
Wm. H. Haskell Co., Pawtucket, R. I.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Letchworth, Buffalo, N. Y.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

L. TOP PROP NUTS.
C. Cowles & Co., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
Monarch Carriage Goods Co., Cincinnati, O.
Searles Mfg. Co., 27 Mulberry St.. Newark, N. J.
H. D. Smith & Co., Plantsville, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

751. OX BALLS.
P. & T. Corbin, New Britain, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

752. OX SHOES.
Atwater Mfg. Co., Plantsville, Conn.
Jas. L. Haven Co., 56 Plumb St., Cincinnati, O.
Millers Falls Co., Millers Falls, Mass.
Scranton Forging Co., Scranton, Pa.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

753. PAPER BAG HOLDERS.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.

754. PICTURE FRAME FASTENERS.
Ossawan Mills Co., Norwich, Conn.

755. PINS, HARDWARE.

A.	BRASS ESCUTCHEON PINS.	American Screw Co., Providence, R. I.
		Foster, Merriam & Co., Meriden, Conn.
		Gould-Mersereau Co., 259 Canal St., New York.
		H. L. Judd & Co., 87 Chambers St., New York.
		Waterbury Brass Co., Waterbury, Conn.
B.	CARPET PINS & SOCKETS.	H. L. Judd & Co., 87 Chambers St., New York.
		Western Automatic Machine Screw Co., Elyria, O.
C.	CURTAIN PINS.	Gould-Mersereau Co., 259 Canal St., New York.
		H. L. Judd & Co., 87 Chambers St., New York.
D.	ESCUTCHEON PINS.	American Screw Co., Providence, R. I.
		Atlas Tack Corporation, Taunton, Mass.
		Blake & Johnson, Waterbury, Conn.
		Gould-Mersereau Co., 259 Canal St., New York.
		Holmes, Booth & Haydens, Inc., Waterbury, Conn.
		U. T. Hungerford Brass & Copper Co., 121 Worth, New York.
		H. L. Judd & Co., 87 Chambers St., New York.
		Plume & Atwood Mfg. Co., Waterbury, Conn.
		Taunton Wire Nail Co., Taunton, Mass.
		Turner & Seymour Mfg. Co., Torrington, Conn.
		Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
		Wire Goods Co., Worcester, Mass.
E.	HINGE PINS.	Matthews & Willard Co., Waterbury, Conn.
		N. Y. Nickel Plating & Mfg. Co., 227 W. 29th St., New York.
		John L. Parker & Co., Worcester, Mass.
F.	OX YOKE BOW PINS.	Humason & Beckley Mfg. Co., New Britain, Conn.
		Peck, Stow & Wilcox Co., Southington, Conn.
G.	SHOULDER PINS.	Western Automatic Machine Screw Co., Elyria, O.
H.	TAPER PINS.	Hartford Machine Screw Co., Hartford, Conn.
		Western Automatic Machine Screw Co., Elyria, O.
		Worcester Machine Screw Co., Worcester, Mass.

756. PULLEYS, HARDWARE.

A.	AWNING PULLEYS.	Thomas Laughlin Co., Portland, Me.	
		E. C. Stearns & Co., Syracuse, N. Y.	
		Wilcox, Crittenden & Co., Middletown, Conn.	
B.	CEILING PULLEYS.	I. E. Palmer, Middletown, Conn.	*33
C.	CLOTHES LINE PULLEYS.	A. S. Henn & Co., New Haven, Conn.	
D.	CURTAIN PULLEYS.	H. L. Judd & Co., 87 Chambers St., New York.	
		I. E. Palmer, Middletown, Conn.	*33
		E. C. Stearns & Co., Syracuse, N. Y.	
E.	FRAME PULLEYS.	Wrightsville Hardware Co., Wrightsville, Pa.	
F.	SASH PULLEYS.	Bolles Revolving Sash Co., 150 Nassau St., New York.	
		Empire Forge Co., Cohoes, N. Y.	
		Logan & Strobridge Iron Co., New Brighton, Pa.	
		Palmer Hardware Mfg. Co., Troy, N. Y.	
		Penn. Hardware Co., Reading, Pa.	
		Smith & Egge Mfg. Co., Bridgeport, Conn.	
		Stover Mfg. Co., Freeport, Ill.	
G.	SCREW PULLEYS.	H. L. Judd & Co., 87 Chambers St., New York.	
		I. E. Palmer, Middletown, Conn.	*33
		Stover Mfg. Co., Freeport, Ill.	
		Yale & Towne Mfg. Co., Stamford, Conn.	
H.	SELF ADJUSTING PULLEYS.	I. E. Palmer, Middletown, Conn.	*33
I.	SIDE PULLEYS.	Palmer Hardware Mfg. Co., Troy, N. Y.	
J.	SMALL IRON PULLEYS.	American Tool & Machine Co., Boston, Mass.	
		Empire Forge Co., Lansingburgh, N. Y.	
		E. C. Stearns & Co., Syracuse, N. Y.	
K.	SWIVEL PULLEYS.	E. C. Stearns & Co., Syracuse, N. Y.	
L.	WEDGE BACK PULLEYS.	H. L. Judd & Co., 87 Chambers St., New York.	

757. RINGS, HARDWARE.

A.	APRON RINGS.	C. Cowles & Co., Inc., New Haven, Conn.	
		Metal Stamping Co., 386 W. Broadway, New York.	
		Walter W. Woodruff & Sons, Mount Carmel, Conn.	*23
B.	BOX RINGS.	American Ring Co., Waterbury, Conn.	
		Arlington Mfg. Co., 392 Broadway, New York.	
		Plume & Atwood Mfg. Co., Waterbury, Conn.	
		Turner & Seymour Mfg. Co., Torrington. Conn.	
C.	BRASS CHECK RINGS.	American Railway Supply Co., 24 Park Place, New York.	
D.	BRASS RINGS.	American Ring Co., Waterbury, Conn.	
		Andrew B. Hendryx Co., New Haven, Conn.	
		Plume & Atwood Mfg. Co., Waterbury, Conn.	
		Turner & Seymour Mfg. Co., Torrington, Conn.	
E.	BULL RINGS.	Humason & Beckley Mfg. Co., New Britain, Conn.	
		Peck, Stow & Wilcox Co., Southington, Conn.	
		Seymour Smith & Son, Oakville, Conn.	

F. CASTER RINGS.	Foster, Merriam & Co., Meriden, Conn.
	Plume & Atwood Mfg. Co., Waterbury Conn.
G. CURTAIN RINGS, BRASS.	American Ring Co., Waterbury, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Manhattan Brass Co., 338 E. 28th St., New York.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Scovill Mfg. Co., Waterbury. Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
H. CURTAIN SCREW RINGS.	Ossawan Mills Co., Norwich, Conn.
I. HITCHING RINGS.	Wheeling Hinge Co., Wheeling, W. Va.
J. HOG RINGS.	Chambers, Bering, Quinlan Co., Decatur, Ill.
	St. Louis Screw Co., 811 N. 2d St., St. Louis, Mo.
K. LAP RINGS.	John C. Schmidt & Co., York, Pa.
L. LOCKER RINGS.	P. & F. Corbin, New Britain, Conn.
M. OPEN RINGS.	Wheeling Hinge Co., Wheeling, W. Va.
N. POLE RINGS, BRASS.	H. L. Judd & Co., 87 Chambers St., New York.
	Scovill Mfg. Co., Waterbury, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
O. SCREW RINGS, BRASS.	American Ring Co., Waterbury, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
P. SWING RINGS.	Wheeling Hinge Co., Wheeling, W. Va.
Q. TRAP DOOR RINGS.	Wheeling Hinge Co.. Wheeling, W. Va.
R. WROUGHT RINGS.	Humason & Beckley Mfg. Co., New Britain, Conn.
758. RIVETS.	American Steel & Wire Co., Havemeyer Building, New York.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Blake & Johnson, Waterbury. Conn.
	Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
	Clark Bros. & Co., Milldale, Conn.
	Grand Crossing Tack Co., Grand Crossing, Ill.
	Kansas City Bolt & Nut Co., Kansas City, Mo.
	Lamson & Sessions Co.. Cleveland, O.
	Michigan Bolt & Nut Works, Detroit, Mich.
	Franklin Moore Co.,Winsted, Conn.
	Mount Carmel Bolt Co.. Mount Carmel, Conn.
	H. P. Nail Co., Cleveland, O.
	Oliver Iron & Steel Co., Pittsburg, Pa.
	Philips, Townsend & Co., N. Pa. Junction, Philadelphia, Pa.
	Edwin B. Stimpson & Son, 31 Spruce St., New York.
	C. C. & E. P. Townsend, New Brighton, Pa.
A. BELT RIVETS.	American Screw Co., Providence, R. I.
	Atlas Tack Corporation, Taunton, Mass.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Standard Rivet Co., 41 Lincoln St., Boston, Mass.
B. BEVEL POINTED RIVETS.	Tubular Rivet & Stud Co., 87 Lincoln St., Boston, Mass.
C. BIFURCATED RIVETS.	Standard Rivet Co., 41 Lincoln St., Boston, Mass.
	Judson L. Thomson Mfg. Co., Waltham, Mass.
D BOILER RIVETS.	National Bolt, Nut & Rivet Works, Reading, Pa.
	Samuel Severance, 51 Water St., Pittsburg, Pa.
	J. H. Sternbergh & Son, Reading, Pa. *33
E. BRASS RIVETS.	Atlas Tack Corporation, Taunton, Mass.
	Blake & Johnson, Waterbury, Conn.
	Bridgeport Brass Co., Bridgeport, Conn.
	Clark & Cowles, Plainville, Conn.
	Cobb & Drew, Plymouth, Mass.
	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Steele Johnson Mfg. Co., Waterbury, Conn.
	Waterbury Brass Co., Waterbury, Conn.
F. BRIDGE RIVETS.	Lincoln Iron Works, Boonton, N. J.
	National Bolt, Nut & Rivet Works, Reading, Pa.
	Samuel Severance, 51 Water St., Pittsburg, Pa.
	J. H. Sternbergh & Son, Reading, Pa. *33
G. BRONZE RIVETS.	Plume & Atwood Mfg. Co., Waterbury, Conn.
H. CARRIAGE RIVETS.	American Screw Co., Providence, R. I.
	Atlas Tack Corporation, Taunton, Mass.
	Clark & Cowles, Plainville, Conn.
	Dash Carriage Goods Co., 1012 Wade St., Cincinnati, O.
	Tronkling Moore Co., Winsted, Conn.
I. COOPERS' RIVETS.	Atlas Tack Corporation, Taunton, Mass.
	Clark & Cowles, Plainville, Conn.
J. COPPER RIVETS.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	Atlas Tack Corporation. Taunton, Mass.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.

	Clark & Cowles, Plainville, Conn.
	Cobb & Drew, Plymouth, Mass.
	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	C. H. Hussey & Co., Pittsburg, Pa.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Rome Brass & Copper Co., Rome, N. Y.
	Waterbury Brass Co., Waterbury, Conn.
K. FLAT RIVETS.	Hoopes & Townsend, 1330 Buttonwood St., Phila., Pa.
L. GERMAN SILVER RIVETS.	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
M. IRON RIVETS.	Allentown Rolling Mills, Allentown, Pa.
	Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
	American Screw Co., Providence, R. I.
	Atlas Tack Corporation, Taunton, Mass.
	Bourne & Knowles Mfg. Co., Cleveland, O.
	Burden Iron Co., Troy, N. Y.
	Carroll Porter Boiler & Tank Co., Pittsburg, Pa.
	Clark Bros. & Co., Milldale, Conn.
	Clark & Cowles, Plainville, Conn.
	Cobb & Drew, Plymouth, Mass.
	Columbus Bolt Works, Columbus, O.
	C. Cowles & Co., Inc., New Haven, Conn.
	Diamond State Iron Co., 29 Broadway, New York.
	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
	Iron Clad Mfg. Co., 22 Cliff St., New York.
	Livermore Foundry & Machine Co., Memphis, Tenn.
	Passaic Rolling Mill Co., Paterson, N. J.
	Penn. Bolt & Nut Co., Lebanon, Pa.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	Pittsburg Forge & Iron Co., Pittsburg, Pa.
	Pittsburg Mfg. Co., Pittsburg, Pa.
	Plymouth Mills, Inc., Plymouth, Mass.
	Reed & Prince Mfg. Co., Worcester, Mass.
	Samuel Severance, 51 Water St., Pittsburg, Pa.
	J. H. Sternbergh & Son, Reading, Pa. *33
	W. P. Townsend & Co., New Brighton, Pa.
	Trenton Iron Co., Trenton, N. J.
	Troy Steel Co., Troy, N. Y.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	Upson Nut Co., Unionville, Conn.
N. LEATHER & FABRIC RIVETS.	Standard Rivet Co., 41 Lincoln St., Boston, Mass.
O. RUBBER SHOE RIVETS.	Atlas Tack Corporation, Taunton, Mass.
	Patent Button Co., Waterbury, Conn.
	Standard Rivet Co., 41 Lincoln St., Boston, Mass.
P. SHOE RIVETS.	Standard Rivet Co., 41 Lincoln St., Boston, Mass.
Q. SHOULDER RIVETS.	Western Automatic Machine Screw Co., Elyria, O.
R. STEEL RIVETS.	Carroll Porter Boiler & Tank Co., Pittsburg, Pa.
	Diamond State Iron Co., 29 Broadway, New York.
S. STOVE RIVETS.	Atlas Tack Corporation, Taunton, Mass.
T. TINNED RIVETS.	American Screw Co., Providence, R. I.
	Atlas Tack Corporation, Taunton, Mass.
	Clark & Cowles, Plainville, Conn.
	Standard Rivet Co., 41 Lincoln St., Boston, Mass.
U. TINNERS' RIVETS.	Atlas Tack Corporation, Taunton, Mass.
	Clark & Cowles, Plainville, Conn.
	National Bolt, Nut & Rivet Works, Reading, Pa.
V. TRUNK RIVETS.	Atlas Tack Corporation, Taunton, Mass.
	M. Gould's Son & Co., Newark, N. J.
W. TUBULAR RIVETS.	Tabular Rivet & Stud Co., 87 Lincoln St., Boston, Mass.
X. WAGON RIVETS.	Atlas Tack Corporation, Taunton, Mass.
	Clark & Cowles, Plainville, Conn.
Y. WIRE RIVETS.	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	Portage Iron Co., Ltd., Duncansville, Pa.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29

759. RODS, PICTURE & WINDOW.

A. NICKEL RODS.	H. L. Judd & Co., 87 Chambers St., New York.
	Norwich Nickel & Brass Co., Norwich, Conn.
	William Wiler, 223 S. 5th St., Philadelphia, Pa.
B. PICTURE RODS, BRASS.	Gould-Mersereau Co., 259 Canal St., New York.
	H. L. Judd & Co., 87 Chambers St., New York.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
C. PICTURE ROD TRIMMINGS.	Gould-Mersereau Co., 259 Canal St., New York.
	H. L. Judd & Co., 87 Chambers St., New York.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
D. WINDOW RODS.	Norwich Nickel & Brass Co., Norwich, Conn.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

E. WINDOW ROD SOCKETS.	H. L. Judd & Co., 87 Chambers St., New York.
	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
F. WINDOW RODS, PLATED.	H. L. Judd & Co., 87 Chambers St., New York.
	Norwich Nickel & Brass Co., Norwich, Conn.
760. ROLLERS.	P. & F. Corbin, New Britain, Conn.
	Russell & Erwin Mfg. Co., New Britain, Conn.
761. SAD IRONS.	Bless & Drake, Newark, N. J.
	Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
	Genesee Valley Mfg. Co., Mt. Morris, N. Y.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Michael Mahony, Troy, N. Y.
	New England Butt Co., Providence, R. I.
	Reading Hardware Co., Reading, Pa.
	N. R. Streeter & Co., Rochester, N. Y.
	Samuel C. Tatum Co., Cincinnati, O.
	Troy Laundry Machinery Co., Ltd., 15 Warren, New York.
	Wrightsville Hardware Co., Wrightsville, Pa.
A. COLD HANDLE SAD IRONS.	Bless & Drake, Newark, N. J.
	Chalfant Mfg. Co., Atglen, Pa.
	Enterprise Mfg. Co of Pa., N. 3d & Dauphin Sts., Phila., Pa.
	N. R. Streeter & Co., Rochester, N. Y.
B. ELECTRIC HEATING IRONS.	American Electrical Heater Co., Detroit, Mich.
C. GAS HEATING SAD IRONS.	Chalfant Mfg. Co., Atglen, Pa.
D. LAUNDRY SAD IRONS.	Bless & Drake, Newark, N. J.
	Chalfant Mfg. Co., Lancaster, Pa.
	New England Butt Co., Providence, R. I.
	N. R. Streeter & Co., Rochester, N. Y.
E. POLISHING SAD IRONS.	Bless & Drake, Newark, N. J.
	Chalfant Mfg. Co., Lancaster, Pa.
	W. H. Howell Co., Geneva, Ill.
	Michael Mahony, Troy, N. Y.
	New England Butt Co., Providence, R. I.
	N. R. Streeter & Co., Rochester, N. Y.
F. SELF-HEATING SAD IRONS.	Bless & Drake, Newark, N. J.
G. TAILORS' IRONS.	Bless & Drake, Newark, N. J.
	Chalfant Mfg. Co., Atglen, Pa.
	Genesee Valley Mfg. Co., Mount Morris, N. Y.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	New England Butt Co., Providence, R. I.
	N. R. Streeter, Rochester, N. Y.
762. SAD IRON STANDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Bless & Drake, Newark, N. J.
	Chalfant Mfg. Co., Atglen, Pa.
	Empire Laundry Machinery Co., 185 High St., Boston, Mass.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Landers, Frary & Clark, New Britain, Conn.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	New England Butt Co., Providence, R. I.
	Stover Mfg. Co., Freeport, Ill.
	Woods, Sherwood & Co., Lowell, Mass.
763. SASH FIXTURES.	
A. GREENHOUSE SASH BARS.	Lord & Burnham Co., Irvington-on-Hudson, N. Y.
B. METAL SASH BARS.	Rochester Show Case Works, 183 N. Water, Rochester, N. Y.
C. SASH BALANCES.	Pullman Sash Balance Co., Rochester, N. Y.
	E. C. Stearns & Co., Syracuse, N. Y.
D. SASH CENTERS.	Wrightsville Hardware Co., Wrightsville, Pa.
E. SASH CORD IRONS.	Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
	Empire Forge Co., Lansingburgh, N. Y.
	Stanley Rule & Level Co., 29 Chambers St., New York.
	Union Mfg. Co., New Britain, Conn.
F. SASH LIFTS.	Brittan & Mathes Co., Pittsburg, Pa.
	P. & F. Corbin, New Britain, Conn.
	Oliver S. Judd, New Britain, Conn.
	Mallory, Wheeler Co., New Haven, Conn.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Stanley Works, New Britain, Conn.
	Stover Mfg. Co., Freeport, Ill.
	Van Wagoner & Williams Hdw. Co., 14 Warren, New York.
	Willer Mfg. Co., Milwaukee, Wis.
	Wrightsville Hardware Co., Wrightsville, Pa.
	Yale & Towne Mfg. Co., Stamford, Conn.
G. SASH LIFTS & LOCKS COMBINED.	P. & F. Corbin, New Britain, Conn.

H. SASH LIFTS, FLUSH.	P. & F. Corbin, New Britain, Conn.
I. SASH PULL DOWN.	Raymond Lead Co., 51 W. Lake St., Chicago, Ill.
J. SASH RIBBON, ALUMINUM.	Pullman Sash Balance Co., Rochester, N. Y.
K. SASH RUBBER.	Home Rubber Co., Trenton, N. J.
	B. F. Goodrich Co., Akron, O.
L. SASH SOCKETS.	P. & F. Corbin, New Britain, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
M. SASH WEIGHTS.	Henry Braumoeller & Son, 92 W. Van Buren St., Chicago, Ill.
	Dickson Mfg. Co., Scranton, Pa.
	Emporia Foundry & Machine Works, Emporia, Kan.
	Fort Worth Iron Works, Fort Worth, Tex.
	Globe Iron Works, 35 Indiana St., Chicago, Ill.
	Lombard Iron Works & Supply Co., Augusta, Ga.
	Morgan Iron Works, Spartanburg, S. C.
	Ewald Over, Indianapolis, Ind.
	Paxton & Vierling Iron Works, Omaha, Neb.
	United States Foundry Co., 11 S. William St., New York.
	Wheeler Foundry Co., Worcester, Mass.
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
N. SASH WEIGHTS, LEAD.	E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
	Boston Lead Mfg. Co., 162 Congress St., Boston, Mass.
	Chadwick Lead Works, 176 High St., Boston, Mass.
	Colwell Lead Co., 63 Centre St., New York.
	Selby Smelting & Lead Co., San Francisco, Cal.
	United States Foundry Co., 11 S. William St., New York.
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
O. SPRING SASH BALANCES.	Pullman Sash Balance Co., Rochester, N. Y.
	N. R. Streeter & Co., Rochester, N. Y.
P. STORM SASH HANGERS.	Willer Mfg. Co., Milwaukee, Wis.
764. SCREW EYES.	M. S. Brooks & Sons, Chester, Conn.
	Humason & Beckley Mfg. Co., New Britain, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Landers, Frary & Clark, New Britain, Conn.
	Ossawan Mills Co., Norwich, Conn.
	Wire Goods Co., Worcester, Mass.
A. CURTAIN SCREW EYES.	C. Cowles & Co., Inc., New Haven, Conn.
	Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
765. SCREWS.	Blake & Johnson, Waterbury, Conn.
	Buffalo Bolt Co., Buffalo, N. Y.
	Chicago Screw Co., 96 W. Washington St., Chicago, Ill.
	Wm. H. Haskell Co., Pawtucket, R. I.
	Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phila., Pa.
A. BRASS SCREWS.	Acme Machine Screw Co., Hartford, Conn.
	American Screw Co., Providence, R. I.
	Blake & Johnson, Waterbury, Conn.
	Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
	Gilliam Mfg. Co., Canton, O.
	Grand Rapids Brass Co., Grand Rapids, Mich.
	Reading Hardware Co., Reading, Pa.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Steele & Johnson Mfg. Co., Waterbury, Conn.
	Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
	Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
B. CAP SCREWS.	Acme Machine Screw Co., Hartford, Conn.
	American Bolt Co., Lowell, Mass.
	Chicago Screw Co., 96 W. Washington St., Chicago, Ill.
	Detroit Screw Works, Detroit, Mich.
	Grilley Co., New Haven, Conn.
	Hartford Machine Screw Co., Hartford, Conn.
	Wm. H. Haskell & Co., Pawtucket, R. I.
	McCloud, Crane & Minter Co., Worcester, Mass.
	National Bolt, Nut & Rivet Works, Reading, Pa.
	Reynolds & Co., New Haven, Conn.
	Rhode Island Tool Co., Providence, R. I.
	St. Louis Screw Co., 811 N. 2d St., St. Louis, Mo.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Upson Nut Co., Unionville, Conn.
	Western Automatic Machine Screw Co., Elyria, O.
	Worcester Machine Screw Co., Worcester, Mass.
C. CLOCK & WATCH SCREWS.	Acme Machine Screw Co., Hartford, Conn.
	Hartford Machine Screw Co., Hartford, Conn.
	Western Automatic Machine Screw Co., Elyria, O.
D. COACH SCREWS.	Clark Bros. & Co., Milldale, Conn.
	Columbus Bolt Works, Columbus, O.

	Kansas City Bolt & Nut Co., Kansas City, Mo.
	Michigan Bolt & Nut Works, Detroit, Mich.
	National Bolt, Nut & Rivet Works, Reading, Pa.
	Upson Nut Co., Unionville, Conn.
E. COLLAR SCREWS.	Hartford Machine Screw Co., Hartford, Conn.
	St. Louis Screw Co., 811 N. 2d St., St. Louis, Mo.
	Western Automatic Machine Screw Co., Elyria, O.
	Worcester Machine Screw Co., Worcester, Mass.
F. DOWEL SCREWS.	Acme Machine Screw Co., Hartford, Conn.
	American Screw Co., Providence, R. I.
	M. S. Brooks & Sons, Chester, Conn.
	P. & F. Corbin, New Britain, Conn.
	Van Wagoner & Williams Hdw. Co., 14 Warren, New York.
	Wire Goods Co., Worcester, Mass.
G. EYE GLASS SCREWS.	Hartford Machine Screw Co., Hartford, Conn.
H. GERMAN SILVER SCREWS.	Franklin S. Miles, 205 Quarry St., Philadelphia, Pa.
I. GIB SCREWS.	Reynolds & Co., New Haven, Conn.
	St. Louis Screw Co., 811 N. 2d St., St. Louis, Mo.
	Western Automatic Machine Screw Co., Elyria, O.
J. GUN SCREWS.	Acme Machine Screw Co., Hartford, Conn.
	Hartford Machine Screw Co., Hartford, Conn.
K. KNOB SCREWS.	P. & F. Corbin, New Britain, Conn.
L. KNURLED HEAD THUMB SCREWS.	Hartford Machine Screw Co., Hartford, Conn.
	Western Automatic Machine Screw Co., Elyria, O.
M. LAG SCREWS.	Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
	American Bolt Co., Lowell, Mass.
	Anderson Iron & Bolt Co., Anderson, Ind.
	Clark Bros. & Co., Milldale, Conn.
	Columbus Bolt Works, Columbus, O.
	Lamson & Sessions Co., Cleveland, O.
	Michigan Bolt & Nut Works, Detroit, Mich.
	Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
	National Bolt, Nut & Rivet Works, Reading, Pa.
	Pennsylvania Bolt & Nut Co., Lebanon, Pa.
	Reynolds & Co., New Haven, Conn.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Upson Nut Co., Unionville, Conn.
N. LEFT THREAD SCREWS.	Western Automatic Machine Screw Co., Elyria, O.
O. LOCK CAP SCREWS.	American Screw Co., Providence, R. I.
P. MACHINE CAP SCREWS.	Acme Machine Screw Co., Hartford, Conn.
	Worcester Machine Screw Co., Worcester, Mass.
Q. MACHINE SCREWS.	Acme Machine Screw Co., Hartford, Conn.
	American Screw Co., Providence, R. I.
	Chicago Screw Co., 96 W. Washington St., Chicago, Ill.
	P. & F. Corbin, New Britain, Conn.
	Draper Co., Hopedale, Mass.
	Draper Machine Tool Co., Worcester, Mass.
	Hartford Machine Screw Co., Hartford, Conn.
	Wm. H. Haskell & Co., Pawtucket, R. I.
	McCloud, Crane & Minter Co., Worcester, Mass.
	Franklin S. Miles, 205 Quarry St., Philadelphia, Pa.
	New Britain Hardware Mfg. Co., New Britain, Conn.
	Queen City Supply Co., 161 W. Pearl St., Cincinnati, O.
	Reading Screw Co., 2720 Hope St., Philadelphia, Pa.
	Reynolds & Co., New Haven, Conn.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Spencer Automatic Machine Screw Co., Hartford, Conn.
	St. Louis Screw Co., 811 N. 2d St., St. Louis, Mo.
	Steele & Johnson Mfg. Co., Waterbury, Conn.
	Western Automatic Machine Screw Co., Elyria, O.
	Worcester Machine Screw Co., Worcester, Mass.
R. OPTICAL SCREWS.	Hartford Machine Screw Co., Hartford, Conn.
S. PHOSPHOR-BRONZE SCREWS.	Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phila., Pa.
T. PIANO SCREWS.	J. H. Sternbergh & Son, Reading, Pa. *33
U. PLATED SCREWS.	American Screw Co., Providence, R. I.
	Grilley Co., New Haven, Conn.
	Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
V. SET SCREWS.	Chicago Screw Co., 96 W. Washington St., Chicago, Ill.
	Clark Bros. & Co., Milldale, Conn.
	Hartford Machine Screw Co., Hartford, Conn.
	National Bolt, Nut & Rivet Works, Reading, Pa.
	Reynolds & Co., New Haven, Conn.
	Western Automatic Machine Screw Co., Elyria, O.
	Worcester Machine Screw Co., Worcester, Mass.

W. SEWING MACHINE SCREWS.	Acme Machine Screw Co., Hartford, Conn.	
	Hartford Machine Screw Co., Hartford, Conn.	
	Western Automatic Machine Screw Co., Elyria, O.	
X. SHEAR SCREWS.	Western Automatic Machine Screw Co., Elyria, O.	
Y. SILVER CAPPED SCREWS.	Walter W. Woodruff & Sons, Mount Carmel, Conn.	*23
Z. SKEIN SCREWS.	Michigan Bolt & Nut Works, Detroit, Mich.	
	J. H. Sternbergh & Son, Reading, Pa.	*33
AA. SPECIAL SCREW PARTS.	Acme Machine Screw Co., Hartford, Conn.	
BB. SPECIAL SCREWS.	Acme Machine Screw Co., Hartford, Conn.	
	American Screw Co., Providence, R. I.	
	Grand Rapids Brass Co., Grand Rapids, Mich.	
	Hartford Machine Screw Co., Hartford, Conn.	
	Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.	
	St. Louis Screw Co., 811 N. 2d St., St. Louis, Mo.	
CC. THUMB SCREW BLANKS.	Billings & Spencer Co., Hartford, Conn.	
DD. THUMB SCREWS.	Acme Machine Screw Co., Hartford, Conn.	
	Billings & Spencer Co.. Hartford, Conn.	
	Detroit Screw Works, Detroit, Mich.	
	Hartford Machine Screw Co., Hartford, Conn.	
	Wm. H. Haskell Co., Pawtucket, R. I.	
	Keystone Drop Forge Co., 20th & Clearfield Sts., Phila., Pa.	
	St. Louis Screw Co., 811 N. 2d St., St. Louis, Mo.	
	Western Automatic Machine Screw Co., Elyria, O.	
	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y.	*10
EE. WING SCREWS.	M. S. Brooks & Sons, Chester, Conn.	
FF. WOOD SCREWS.	American Bolt Co., Lowell, Mass.	
	American Screw Co., Providence, R. I.	
	R. Bliss Mfg. Co., Pawtucket, R. I.	
	P. & F. Corbin, New Britain, Conn.	
	C. Cowles & Co., Inc., New Haven, Conn.	
	Foster, Merriam & Co., Meriden, Conn.	
	Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.	
	Franklin Moore Co., Winsted, Conn.	
	Mount Carmel Bolt Co., Mount Carmel, Conn.	
	Charles Parker Co., Meriden, Conn.	
	Penn. Bolt & Nut Co., Lebanon, Pa.	
	Reading Screw Co., 2720 Hope St., Philadelphia, Pa.	
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.	
	Southington Cutlery Co., Southington, Conn.	
	J. H. Sternbergh & Son, Reading, Pa.	*33
	Union Steel Screw Co., Cleveland, O.	
	Wright & Colton Wire Cloth Co., Worcester, Mass.	*29
766. SHOE RESTS.	Nicol & Co., 55 W. Washington St., Chicago, Ill.	
767. SHOW & WALL CASE BALANCES.		
	Pullman Sash Balance Co., Rochester, N. Y.	
768. SHUTTER EYES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.	
769. SPIKES.		
A. BOAT SPIKES.	Diamond State Iron Co., 29 Broadway, New York.	
	La Belle Iron Works, Wheeling, W. Va.	
	H. P. Nail Co., Cleveland, O.	
	National Bolt, Nut & Rivet Works, Reading, Pa.	
	N. Y. Boat Oar Co., 69 West St., New York.	
	Samuel Severance, 51 Water St., Pittsburg, Pa.	
	Tudor Iron Works, 415 Locust St., St. Louis, Mo.	
B. CUT SPIKES.	E. & G. Brooke Iron Co., Birdsboro, Pa.	
	Cumberland Nail & Iron Co., 207 Walnut Pl., Philadelphia, Pa.	
	Duncannon Iron Co., 122 Race St., Philadelphia, Pa.	
	La Belle Iron Works, Wheeling, W. Va.	
	Norton Iron Works, Ashland, Ky.	
	Old Dominion Iron & Nail Works Co., Richmond, Va.	
	Pottstown Iron Co., Pottstown, Pa.	
	Richmond Standard Spike & Iron Co., Richmond, Va.	
	Samuel Severance, 51 Water St., Pittsburg, Pa.	
	Peter Timme's Son, 281 N. 6th St., Brooklyn, N. Y.	
C. GALVANIZED SPIKES.	Lefferts Galvanized Works, 508 E. 20th St., New York.	
	Peter Timme's Son, 281 N. 6th St., Brooklyn, N. Y.	
D. RAILROAD SPIKES.	J. H. Allen & Co., Bath, Me.	
	Allentown Rolling Mills, Allentown, Pa.	
	American Iron & Steel Co., Pittsburg, Pa.	
	Central Iron & Steel Co., Brazil, Ind.	
	P. & F. Corbin, New Britain, Conn.	
	Diamond State Iron Co., 29 Broadway, New York.	
	Dilworth, Porter & Co., Ltd., Pittsburg, Pa.	
	Kansas City Bolt & Nut Co., Kansas City, Mo.	
	La Belle Iron Works, Wheeling, W. Va.	
	H. P. Nail Co., Cleveland, O.	

National Bolt, Nut & Rivet Works, Reading, Pa.
Pennsylvania Steel Co., Steelton, Pa.
Richmond Standard Spike & Iron Co., Richmond, Va.
Samuel Severance, 51 Water St., Pittsburg, Pa.
J. H. Sternbergh & Son, Reading, Pa. *33
Peter Timme's Son, 281 N. 6th St., Brooklyn, N. Y.
Tredegar Co., Richmond, Va.
Tudor Iron Works, 415 Locust St., St. Louis, Mo.

E. REVERSE POINT SPIKES — Tudor Iron Works, 415 Locust St., St. Louis, Mo.

F. SHIP SPIKES. — Diamond State Iron Co., 29 Broadway, New York.
La Belle Iron Works, Wheeling, W. Va.
J. C. Torrey & Sons, Rockland, Me.

G. STEEL SPIKES. — La Belle Iron Works, Wheeling, W. Va.
Pottstown Iron Co., Pottstown, Pa.

770. SPRING COTTERS. — M. S. Brooks & Sons, Chester, Conn.
R. S. Pickering, Sharon Hill, Pa.
Standard Tool Co., Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.
Wire Goods Co., Worcester, Mass.

771. SPRING KEYS. — E. Jenckes Mfg. Co., Pawtucket, R. I.
Meyer & Co., Throopsville, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.

A. FLAT SPRING KEYS. — M. S. Brooks & Sons, Chester, Conn.
Standard Tool Co., Cleveland, O.

772. STAIR FIXTURES.

A. STAIR BUTTONS. — M. Gould Son & Co., 64 Reade St., New York.
H. L. Judd & Co., 87 Chambers St., New York.
John Kroder & Henry Reubel Co., 268 Canal St., New York.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
C. T. Williamson Wire Novelty Co., Newark, N. J.

B. STAIR CORNERS. — H. L. Judd & Co., 87 Chambers St., New York.

C. STAIR PLATES. — Gould-Mersereau Co., 259 Canal St., New York.
M. Gould's Sons & Co., 64 Reade St., New York.
H. L. Judd & Co., 87 Chambers St., New York.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

D. STAIR RAIL STAYS. — Wheeling Hinge Co., Wheeling, W. Va.

E. STAIR ROD EYES. — M. S. Brooks & Sons, Chester, Conn.
P. & F. Corbin, New Britain, Conn.
Wire Goods Co., Worcester, Mass.

F. STAIR ROD FASTENINGS. — Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

G. STAIR RODS. — Ansonia Brass & Copper Co., 19 Cliff St., New York.
Brass Goods Mfg. Co., Brooklyn, N. Y.
M. Gould, Son & Co., 64 Reade St., New York.
U. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
H. L. Judd & Co., 87 Chambers St., New York.
John Kroder & Henry Reubel Co., 268 Canal St., New York.
H. M. Quackenbush, Herkimer, N. Y.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

773. STAPLES. — Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
Grand Crossing Tack Co., Grand Crossing, Ill.
H. P. Nail Co., Cleveland, O.
R. S. Pickering, Sharon Hill, Pa.
Worcester Wire Co., ft. of Kansas St., Worcester, Mass.

A. BLIND STAPLES. — C. B. Rogers & Co., Norwich, Conn.
Wire Goods Co., Worcester, Mass.

B. FENCE STAPLES. — American Wire Nail Co., Anderson, Ind.
Cronk Hanger Co., Elmira, N. Y.
Ellwood Wire & Nail Co., De Kalb, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
St. Louis Wire & Iron Co., 21st & Papin Sts., St. Louis, Mo.
Salem Wire Nail Co., Salem, O.
Washburn & Moen Mfg. Co., Worcester, Mass.

C. STEEL STAPLES. — Wheeling Hinge Co., Wheeling, W. Va.

D. TAIL-BOARD STAPLES. — Pratt & Letchworth, Buffalo, N. Y.

E. WAGON BOX STAPLES. — Cleveland Hardware Co., Cleveland, O.
Hurlburt Co., Racine, Wis.

F. WIRE STAPLES. — American Steel & Wire Co., Havemeyer Bldg., New York.
Atlas Tack Corporation, Taunton, Mass.
B. F. Avery & Sons, Inc., Louisville, Ky.
Cincinnati Barbed Wire Fence Co., Cincinnati, O.
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
Grand Crossing Tack Co., Grand Crossing, Ill.
Howard & Morse, 45 Fulton St., New York.
Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
Milwaukee Tack Co., Milwaukee, Wis.

Stanley Works, New Britain, Conn.
Tower Mfg. Co., Madison, Ind.
Wire Goods Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

G. WROUGHT STAPLES.
Humason & Beckley Mfg. Co., New Britain, Conn.
Stanley Works, New Britain, Conn.
Wheeling Hinge Co., Wheeling, W. Va.
Wire Goods Co., Worcester, Mass.

774. STOVE PARTS.

A. STOVE CASTINGS.
Adams Co., Dubuque, Iowa.
Stover Mfg. Co., Freeport, Ill.
Tamaqua Mfg. Co., Tamaqua, Pa.

B. STOVE COVERS.
Adams Co., Dubuque, Iowa.

C. STOVE DAMPERS.
Adams Co., Dubuque, Iowa.
Berger Bros. Co., 231 Arch St., Philadelphia, Pa.
L. M. De Vore & Co., Freeport, Ill.
Griswold Mfg. Co., Erie, Pa.
Chas. Millar & Son, Utica, N. Y.
Patton Mfg. Co., Columbus, O.
Sidney Shepard & Co., Buffalo, N. Y.
Stover Mfg. Co., Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Tuttle & Bailey Mfg. Co.. 83 Beekman St., New York.
Van Wagoner & Williams Hdw. Co., 14 Warren, New York.
Warner Hardware Co., Freeport, Ill.

D. STOVE FOOT RESTS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
A. G. Brauer, St. Louis, Mo.
Stove Mfr. Repair Association, 230 Water St., New York.

E. STOVE HINGE PINS.
Atlas Tack Corporation, Taunton, Mass.
W. F. Greene, Troy. N. Y.

F. STOVE KNOBS.
W. F. Greene, Troy, N. Y.
N. Y. Nickel Plating & Mfg. Co., 229 W. 29th St., New York.
Jno. L. Parker & Co., Worcester, Mass.
Troy Nickel Works, Albany, N. Y.

G. STOVE ORNAMENTS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.

H. STOVE PIPE SHELVES.
Adams Co., Dubuque, Iowa.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
L. M. De Vore & Co., Freeport, Ill.
Novelty Iron Works, Sterling, Ill.
C. H. Presbrey & Co., Sterling, Ill.

I. STOVE RAILS.
Tamaqua Mfg. Co., Tamaqua, Pa.

J. STOVE STANDS.
Troy Nickel Works, Albany, N. Y.

K. STOVE TRIMMINGS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
W. F. Greene, Troy, N. Y.
New Jersey Lamp & Bronze Works, New Brunswick, N. J.
Stover Mfg. Co., Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
Worcester Ferrule & Mfg. Co., Worcester, Mass

775. STUDS.

Acme Machine Screw Co., Hartford, Conn.
Rhode Island Tool Co., Providence, R. I.
Tockwotton Co., Providence, R. I.

A. BRASS STUDS.
Acme Machine Screw Co., Hartford. Conn.
Blake & Johnson, Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.

B. IRON STUDS.
Acme Machine Screw Co., Hartford Conn.
American Bolt Co., Lowell, Mass.
Detroit Screw Works, Detroit, Mich.
Dickson Mfg. Co., Scranton, Pa.
Draper Co., Hopedale, Mass.
Worcester Machine Screw Co., Worcester, Mass.

776. SWIVELS.

A. BRASS SWIVELS.
M. S. Brooks & Sons, Chester, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.

B. CHAIN SWIVELS.
Bridgeport Chain Co., Bridgeport, Conn. *32
Nes Chain Mfg. Co., York, Pa.
Pratt & Letchworth, Buffalo, N. Y.

C. IRON SWIVELS.
Keystone Drop Forge Co., 20th & Clearfield Sts., Phila., Pa.
Lansing Wheelbarrow Co., Lansing. Mich.
H. B. Maxwell, Rome, N. Y.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
Racine Malleable & Wrought Iron Co., Racine, Wis.

D. ROPE SWIVELS.
Pratt & Letchworth Co., Buffalo, N. Y.

E. SWIVEL CENTERS.
C. E. Sovereign, Rockford, Ill.

777. TACKS.

Algis Mfg. Co., Marshalltown, Iowa.

American Steel & Wire Co., Havemeyer Bldg., New York.
Beman & Co., Binghamton, N. Y.
Chess Bros., 531 Wood St., Pittsburg, Pa.
Grand Crossing Tack Co., Grand Crossing, Ill.
Harriman Tack Co., Harriman, Tenn.
Kalamazoo R. R. Vel. & Car Co., Kalamazoo, Mich.
H. P. Nail Co., Cleveland, O.
E. Phillips & Sons, S. Hanover, Mass.
Shelton Co., Derby, Conn.
Taunton Wire Nail Co., Taunton, Mass.

A. BILL POSTERS' TACKS. Atlas Tack Corporation, Taunton, Mass.
Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
Grand Crossing Tack Co., Grand Crossing, Ill.
E. Phillips & Sons, S. Hanover, Mass.

B. CARPET TACKS. Atlas Tack Corporation, Taunton, Mass.
Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
Crandal, Stone & Co., Binghamton, N. Y.
Grand Crossing Tack Co., Grand Crossing, Ill.
National Screw & Tack Co., Cleveland, O.
E. Phillips & Sons, S. Hanover, Mass.
R. C. Waterman, Hanover, Mass.
York Tack & Nail Works, York, Pa.

C. CARRIAGE TACKS. Atlas Tack Corporation, Taunton, Mass.
C. Cowles & Co., Inc., New Haven, Conn.
English & Mersick Co., New Haven, Conn.
Grand Crossing Tack Co., Grand Crossing, Ill.
Milwaukee Tack Co., Milwaukee, Wis.
York Tack & Nail Works, York, Pa.

D. COPPER TACKS. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Atlas Tack Corporation, Taunton, Mass.
U. T. Hungerford Brass & Copper Co., New York.

E. COVERED TACKS. Atlas Tack Corporation, Taunton, Mass.
N. Y. Button Works, 254 Canal St., New York.

F. CRIMPING TACKS. Atlas Tack Corporation, Taunton, Mass.
Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
Milwaukee Tack Co., Milwaukee, Wis.
York Tack & Nail Co., York, Pa.

G. DOUBLE POINTED TACKS. Grand Crossing Tack Co., Grand Crossing, Ill.
H. L. Judd & Co., 87 Chambers St., New York.
Taunton Wire Nail Co., Taunton, Mass.
Wire Goods Co., Worcester, Mass.
Worcester Wire Co., ft. of Kansas St., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

H. GALVANIZED TACKS. Atlas Tack Corporation, Taunton, Mass.
Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
Cobb & Drew, Plymouth, Mass.
Grand Crossing Tack Co., Grand Crossing, Ill.
Metal Stamping Co., 386 W. Broadway, New York.
National Screw & Tack Co., Cleveland, O.
E. Phillips & Sons, S. Hanover, Mass.

I. LEATHER CARPET TACKS. Atlas Tack Corporation, Taunton, Mass.
Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
Cobb & Drew, Plymouth, Mass.
Grand Crossing Tack Co., Grand Crossing, Ill.

J. LOOKING-GLASS TACKS. Atlas Tack Corporation, Taunton, Mass.
Milwaukee Tack Co., Milwaukee, Wis.
Stanley Works, New Britain, Conn.
York Tack & Nail Works, York, Pa.

K. MINERS' TACKS. Atlas Tack Corporation, Taunton, Mass.
E. Phillips & Sons, S. Hanover, Mass.

L. PHOSPHOR-BRONZE TACKS. Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phila., Pa.

M. RUBBER HEAD TACKS. English & Mersick Co., New Haven, Conn.

N. SHOE TACKS. Atlas Tack Corporation, Taunton, Mass.
Chas. F. Baker & Co., 50 Lincoln St., Boston, Mass.
Granite State Tack Co., E. Jaffrey, N. H.
James Houghton & Sons, Lynn, Mass.
Pawtucket Tack Co., Pawtucket, R. I.
E. Phillips & Sons, S. Hanover, Mass.
Snell Tack Co., 226 Eddy St., Providence, R. I.

O. STEEL TACKS. Atlas Tack Corporation, Taunton, Mass.
Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
York Tack & Nail Works, York, Pa.

P. SWEDES IRON TACKS. Atlas Tack Corporation, Taunton, Mass.
Milwaukee Tack Co., Milwaukee, Wis.
Stanley Works, New Britain, Conn.

Q. TINNED TACKS.	E. Phillips & Sons, S. Hanover, Mass.
R. UPHOLSTERY TACKS.	Atlas Tack Corporation, Taunton, Mass.
	Chicago Tack Co., 7800 Woodlawn St., Chicago, Ill.
	Grand Crossing Tack Co., Grand Crossing, Ill.
	E. Phillips & Sons, S. Hanover, Mass.
S. WIRE TACKS.	Atlas Tack Corporation, Taunton, Mass.
	Salem Wire Nail Co., Salem, O.
	Wire Goods Co., Worcester, Mass.

778. TRANSOM FIXTURES.

A. TRANSOM LIFTERS.	Pullman Sash Balance Co., Rochester, N. Y.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	J. F. Wollensak, 38 S. Canal St., Chicago, Ill.
B. TRANSOM PIVOTS & LIFTS.	Russell & Erwin Mfg. Co., 45 Chambers St., New York.

779. TRAPS.

A. BEAR TRAPS.	Oneida Community, Ltd., Community, N. Y.
B. FISH TRAPS.	Fred. J. Meyers Mfg. Co., Hamilton, O.
C. FLY TRAPS.	Bromwell Brush & Wire Goods Co., Walnut St., Cinn., O.
	Decoy Fly Paper Co., Detroit, Mich.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	National Mfg. Co., Worcester, Mass.
D. GAME TRAPS	Animal Trap Co., Abingdon, Ill.
	Fernald Mfg. Co., North East, Pa.
	Oneida Community, Ltd., Community, N. Y.
E. MOLE TRAPS.	Animal Trap Co., Abingdon, Ill.
	Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
	L. H. Olmsted, Hasbrouck Heights, N. J.
F. RAT & MOUSE TRAPS.	Animal Trap Co., Abingdon, Ill.
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton, New York.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Edward S. Hotchkiss, Bridgeport, Conn.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	Lovell Mfg. Co., Ltd., Erie, Pa.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	National Mfg. Co., Worcester, Mass.
	Oneida Community, Ltd., Community, N. Y.
	Ripley Mfg. Co., Unionville, Conn.
	Smith & Egge Mfg. Co., Bridgeport, Conn.
	N. R. Streeter & Co., Rochester, N. Y.
	Union Mfg. Co., Toledo, O.
	Wire Goods Co., Worcester, Mass.
G. RAT KILLERS.	Edward L. Hotchkiss, Bridgeport, Conn.
H. ROACH TRAPS.	Decoy Fly Paper Co., Detroit, Mich.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
I. STEEL TRAPS.	Blake, Lamb & Co., Waterbury, Conn.
	Oneida Community, Ltd., Community, N. Y.
	Peck, Stow & Wilcox Co., Southington, Conn.

780. TRIMMINGS, HARDWARE.

	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Yale & Towne Mfg. Co., Stamford, Conn.
A. BEDSTEAD BRASS & IRON TRIMMINGS.	American Ring Co., Waterbury, Conn.
	Matthews & Willard Mfg. Co., Waterbury, Conn.
	Novelty Mfg. Co., Waterbury, Conn.
B. BLIND TRIMMINGS.	Austin & Eddy, 117 Broad St., Boston, Mass.
	Cutter & Parker, 232 Friend St., Boston, Mass.
	Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
	F. W. Maurer & Sons, 529 Arch St., Philadelphia, Pa.
	Stanley Works, New Britain, Conn.
C. CORNICE POLE TRIMMINGS.	Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
D. CURTAIN POLE TRIMMINGS.	American Ring Co., Waterbury, Conn.
	Cushmann Bros. Co., 121 Kingston St., Boston, Mass.
	H. L. Judd & Co., 87 Chambers St., New York.
	Plume, Atwood Mfg. Co., Waterbury, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	Waterbury Mfg. Co., Waterbury, Conn.
E. FURNITURE TRIMMINGS.	American Ring Co., Waterbury, Conn.
	Burns, Silver & Co., Bridgeport, Conn.
	Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.
	Meriden Bronze Co., Meriden, Conn.
	Meriden Malleable Iron Co., Meriden, Conn.
	Novelty Mfg. Co., Waterbury, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
F. ICE HOUSE TRIMMINGS.	Geo. B. Whately, 139 Lewis St., New York.
G. PORCELAIN HARDWARE TRIMMINGS.	Union Porcelain Works, 300 Eckford St., Brooklyn, N. Y.

H. REFRIGERATOR TRIMMINGS.
Dayton Mfg. Co., Dayton, O.

781. TRUNK TRIMMINGS.
Grand Rapids Brass Co., 162 Court St., Grand Rapids, Mich.
M. Gould's Son & Co., Newark, N. J.
R. C. Jenkinson & Co., Newark, N. J.
Schmit Bros. Trunk Co., Oshkosh, Wis.
J. H. Sessions & Son, Bristol, Conn.

A. TRUNK CLAMPS.
Henry P. Wood, 20 Reade St., New York.

B. TRUNK ROLLERS.
Peck, Stow & Wilcox Co., Southington, Conn.

782. TURNBUCKLES.
American Bolt Co., Lowell, Mass.
Central Iron & Steel Co., Brazil, Ind.
Chalfant Mfg. Co., Atglen, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Columbus Bolt Works, Columbus, O.
P. & F. Corbin, New Britain, Conn.
Dickson Mfg. Co., Scranton, Pa.
Wm. H. Haskell Co., Pawtucket, R. I.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Merrill Bros., Kent Av., Brooklyn, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
Penn. Bolt & Nut Co., Lebanon, Pa.
Rhode Island Tool Co., Providence, R. I.
Geo. M. Stanwood & Co., Portland, Me.
J. H. Sternbergh & Son, Reading, Pa. *33

783. TWINE BOXES.
American Roll Paper Co., St. Louis, Mo.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. J. Hoadley, Hartford, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Landers, Frary & Clark, New Britain, Conn.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Samuel C. Tatum Co., Cincinnati, O.
Turner & Seymour Mfg. Co., Torrington, Conn.

784. WASHERS.
Clark Bros. & Co., Milldale, Conn.
Forsyth Mfg. Co., 308 Terrace, Buffalo, N. Y.
Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.
Lombard Iron Works & Supply Co., Augusta, Ga.
Marland, Neely & Co., Ltd., Pittsburg, Pa.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Upson Nut Co., Unionville, Conn.
J. J. Warren & Co., 8 Washington Sq., Worcester, Mass.
Wheeling Hinge Co., Wheeling, W. Va.

A. BRASS WASHERS.
Bridgeport Brass Co., Bridgeport, Conn.
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Wm. H. Haskell Co., Pawtucket, R. I.
H. W. Humphrey, Unionville, Conn.
Stanley Works, New Britain, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.

B. COPPER WASHERS.
W. H. Haskell & Co., Pawtucket, R. I.
Taunton Copper Mfg. Co., Taunton, Mass.

C. IRON WASHERS.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
American Bolt Co., Lowell, Mass.
Anderson Iron & Bolt Co., Anderson, Ind.
Avery Stamping Co., Coe & Lake Sts., Cleveland, O.
Clark Bros. & Co., Milldale, Conn.
Columbus Bolt Works, Columbus, O.
C. Cowles & Co., New Haven, Conn.
Dash & Carriage Goods Co., Cincinnati, O.
Diamond State Iron Co., 29 Broadway, New York.
Edwin Gilmore, Easton, Mass.
Wm. H. Haskell Co., Pawtucket, R. I.
H. W. Humphrey, Unionville, Conn.
Lake Erie Iron Co., Cleveland, O.
Lebanon Rolling Mill Co., Lebanon, Pa.
Lindsey & McCutcheon, Pittsburg, Pa.
Milton Mfg. Co., Milton, Pa.
National Bolt, Nut & Rivet Works, Reading, Pa.
National Lock Washer Co., Newark, N. J.
Penn. Bolt & Nut Co., Lebanon, Pa.
Port Chester Bolt & Nut Co., Port Chester, N. Y.
J. H. Sternbergh & Son, Reading, Pa. *33
Stover Mfg. Co., Freeport, Ill.
Tudor Iron Works, 415 Locust St., St. Louis, Mo.
Upson Nut Co., Unionville, Conn.
Wheeling Hinge Co., Wheeling, W. Va.

Thomas Wrigley, Paterson, N. J.

D. LEAD WASHERS.
E. Jacobs & Co., 51 Dey St., New York.
Wheeling Corrugating Co., Wheeling, W. Va.

E. PHOSPHOR-BRONZE WASHERS.
Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phila., Pa.

F. STEEL WASHERS.
Avery Stamping Co., Cleveland, O.
Chisholm Steel Shovel Works, Cleveland, O.
W. J. Clark Co., Salem, O.
Columbus Bolt Works, Columbus, O.
Wm. H. Haskell Co., Pawtucket, R. I.
H. W. Humphrey, Unionville, Conn.
E. B. Lanman, Columbus, O.
Lebanon Rolling Mill Co., Lebanon, Pa.
National Bolt, Nut & Rivet Works, Reading, Pa.
J. H. Sternbergh & Son, Reading, Pa. *33
I. N. Topliff Mfg. Co., Cleveland, O.
Upson Nut Co., Unionville, Conn.

G. TIN WASHERS.
H. W. Humphrey, Unionville, Conn.

H. VULCANIZED FIBRE WASHERS.
Vulcanized Fibre Co., Wilmington, Del.

785. WELL WHEELS.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn. Hardware Co., Reading, Pa.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

786. WINDOW FIXTURES.

A. BRASS WINDOW FIXTURES.
J. R. Palmenberg's Sons, 710 Broadway, New York.
Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
William Wiler, 223 S. 5th St., Philadelphia, Pa.

B. CELLAR WINDOW LIFTS, ROPE.
Pullman Sash Balance Co., Rochester, N. Y.

C. WINDOW ANTI-RATTLERS.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
F. E. Kohler & Co., Canton, O.
Metal Stamping Co., 386 W. Broadway, New York.
United Rubber Co., Trenton, N. J.

D. WINDOW SPRINGS.
Wallace Barnes Co., Bristol, Conn.
Dunbar Bros., Bristol, Conn.
Edwards & Co., 144th St. & 4th Av., New York.
Peck, Stow & Wilcox Co., Southington, Conn.

E. WINDOW SPRINGS, BURGLAR ALARM.
Wallace Barnes Co., Bristol, Conn.
New Haven Clock Co., New Haven, Conn.

F. WINDOW STOP ADJUSTERS.
Bolles Revolving Sash Co., 150 Nassau St., New York.
Hobart B. Ives & Co., New Haven, Conn.
Stewart Hartshorn Co., E. Newark, N. J.

787. WINDOW SHADE FIXTURES.
H. L. Judd & Co., 87 Chambers St., New York.
Meriden Curtain Fixture Co., Meriden, Conn.
Stover Mfg. Co., Freeport, Ill.
Jay C. Wemple Co., 537 Broadway, New York.

XVIII. HEATING.

788. ANDIRONS.
H. L. Judd & Co., 87 Chambers St., New York.
R. W. Whitehurst & Co., Norfolk, Va.

A. BRASS ANDIRONS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Conover Fireplace Mfg. Co., 7 W. 30th St., New York.
W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.
Wm. H. Jackson & Co., 860 Broadway, New York.
H. L. Judd & Co., 87 Chambers St., New York.
Peck, Stow & Wilcox Co., Southington, Conn.
Pittsburg Brass Co., Pittsburg, Pa.
Pittsburg Lamp & Brass Co., ft. of Locust St., Allegheny, Pa.
Sharpless & Watts, 1522 Chestnut St., Philadelphia, Pa.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

B. IRON ANDIRONS.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
W. H. Harrison's Sons, 1708 Ludlow St., Philadelphia, Pa.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
J. L. Mott Iron Works, 90 Beekman St., New York.

Peck, Stow & Wilcox Co., Southington, Conn.
W. H. Pries, Arlington, N. J.
Rochester Lamp Co., 38 Park Place, New York.
R. W. Whitehurst & Co., Norfolk, Va.

789. BOILERS, HOUSE.

A. CYLINDER BOILERS.

Iron Clad Mfg. Co., 22 Cliff St., New York.
George F. Motter & Sons, York, Pa.
R. Munroe & Son, Pittsburg, Pa.
Peck Bros. & Co., New Haven, Conn.
Ronalds, Johnson & Co., 54 Cliff St., New York.

B. HOUSE HEATING BOILERS

American Radiator Co., Lake & Dearborn Sts., Chicago, Ill.
Bartlett, Hayward & Co., Baltimore, Md.
Broomell, Schmidt & Co., Ltd., York, Pa.
L. Freeman & Sons Mfg. Co., Racine, Wis.
Giblin & Co., Utica, N. Y.
A. A. Griffing Iron Co., 66 Centre St., New York.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hayes Pump & Planter Co., Galva, Ill.
Herendeen Mfg. Co., 7 Market St., Geneva, N. Y.
Highland Foundry Co., 1301 Columbus Av., Boston, Mass.
Humphrey Mfg. & Plating Co., Kalamazoo, Mich.
International Heater Co., Utica, N. Y.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lord & Burnham Co., Irvington-on-Hudson, N. Y.
Michael Mahony, Troy, N. Y.
D. F. Morgan Boiler Co., Akron, O.
George F. Motter & Sons, York, Pa.
R. Munroe & Son, Pittsburg, Pa.
Murray Iron Works Co., Burlington, Iowa.
New York Central Iron Works Co., Geneva, N. Y.
Pierce, Butler & Pierce Mfg. Co., E. 20th St., Syracuse, N. Y.
Ronalds & Johnson Co., 54 Cliff St., New York.
E. Rutzler, 178 Centre St., New York.
Isaac A. Sheppard & Co., 1801 N. 4th St., Philadelphia, Pa.
H. B. Smith Co., Westfield, Mass.
Williams Bros., Ithaca, N. Y.

C. RANGE BOILERS.

Iron Clad Mfg. Co., 22 Cliff St., New York.
Thomas Phillips Co., Providence, R. I.
Randolph & Clowes, Waterbury, Conn.
Ronalds & Johnson Co., 54 Cliff St., New York.
John Trageser Steam Copper Works, 447 W. 26th, New York.
John Wood Mfg. Co., Conshohocken, Pa.

790. BURNERS.

A. BRAZING BURNERS.

R. O. Conant Co., Portland, Me.
National Cement & Rubber Mfg. Co., Toledo, O.
Turner Brass Works, 122 E. Kinzie St., Chicago, Ill.

B. GAS HEATING BURNERS.

Buffalo Dental Mfg. Co., Buffalo, N. Y.
Gilbert & Barker Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

C. GASOLINE BURNERS.

Geo. M. Clark & Co., 72 Lake St., Chicago, Ill.
Michael Mahony, Troy, N. Y.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

D. OIL FUEL BURNERS.

Adams & Westlake Co., Ont. & N. Franklin Sts., Chicago, Ill.
Racine Hardware Co., Racine, Wis.
Union Drop Forge Co., 64 E. Ohio St., Chicago, Ill.

791. COAL HODS.

W. J. Clark Co., Salem, O.
Lansing Wheelbarrow Co., Lansing, Mich.
John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
Troy Stamping Works, Troy, N. Y.

A. BRASS COAL HODS.

Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Chicago Stamping Co., 10 Lake St., Chicago, Ill.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
Heinz & Munschauer, Buffalo, N. Y.
John C. Jewett Mfg. Co., Buffalo, N. Y.
H. L. Judd & Co., 87 Chambers St., New York.
Pittsburg Brass Co., Pittsburg, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

B. CORRUGATED STEEL COAL HODS.

Victor Knecht, 195 Wade St., Cincinnati, O.

C. IRON COAL HODS.

Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
Geo. Griffiths & Co., 513 Locust St., Philadelphia, Pa.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Wm. H. Jackson & Co., 860 Broadway, New York.
Victor Knecht, 195 Wade St., Cincinnati, O.

Jno. Pfeifer & Co., Ltd., 224 Race St., Philadelphia, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

792. CRUCIBLES.
Bridgeport Crucible Co., Bridgeport, Conn.
Denver Fire Clay Co., Denver, Col.
Jos. Dixon Crucible Co., Jersey City, N. J.
A. M. Guthrie & Co., Pittsburg, Pa.
Hussman Crucible Co., 407 N. Broadway, St. Louis, Mo.
McCullough-Dalzell Co., 36th St., Pittsburg, Pa.
S. Obermayer Co., Cincinnati, O.
Phoenix Crucible Co., Taunton, Mass.
Reuben B. Seidel, 1324 Callowhill St., Philadelphia, Pa.
Taunton Crucible Co., Taunton, Mass.

793. CUPOLAS.
R. Munroe & Son, Pittsburg, Pa.
Riter-Conly Co., Pittsburg, Pa.

A. FOUNDRY CUPOLAS.
Whiting Foundry Equipment Co., Harvey, Ill.

794. FENDERS.

A. BRASS FENDERS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.
Holmes, Booth & Haydens, Waterbury, Conn.
Wm. H. Jackson & Co., 860 Broadway, New York.
H. L. Judd & Co., 87 Chambers St., New York.
Manhattan Brass Co., 338 E. 28th St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
J. L. Mott Iron Works, 90 Beekman St., New York.
Pittsburg Brass Co., Pittsburg, Pa.
Pittsburg Lamp & Brass Co., ft. of Locust St., Allegheny, Pa.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

B. FOLDING FENDERS.
Howard & Morse, 45 Fulton St., New York.

C. IRON FENDERS.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.
Howard & Morse, 45 Fulton St., New York.
H. L. Judd & Co., 87 Chambers St., New York.

D. NURSERY FENDERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dow Wire Works Co., Louisville, Ky.
J. W. Fiske, 39 Park Place, New York.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Pittsburg Brass Co., Pittsburg, Pa.

E. REGISTER FENDERS.
John C. Jewett Mfg. Co., Buffalo, N. Y.

F. SPARK GUARDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dow Wire Works Co., Louisville, Ky.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.

G. WIRE FENDERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Dewitt Wire Cloth Co., 32 Reade St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.

795. FIRE BACKS.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
Estate of A. Froelich, 287 Pearl St., New York.
W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.

A. IRON CHIMNEY BACKS.
Adams Co., Dubuque, Iowa.
Conover Fire Place Mfg. Co., 9 W. 30th St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.

796. FIRE CARRIERS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

797. FIRE CEMENT.
Hall & Sons, Buffalo, N. Y.
National Cement & Rubber Mfg. Co., Toledo, O.
Union Stove Lining Co., Taunton, Mass.

A. CUPOLA CEMENT.
Rutland Fire Clay Co., Rutland, Vt.

B. FURNACE CEMENT.
William Connors, Troy, N. Y.
Joseph Dixon Crucible Co., Jersey City, N. J.
Jno. L. Thompson, Sons & Co., Troy, N. Y.

C. FURNACE CEMENT, ASBESTOS.
Philip Carey Mfg. Co., Lockland, O.
Franklin Mfg. Co., Franklin, Pa.
R. M. Gilmour Mfg. Co., 84 John St., New York.
H. W. Johns Mfg. Co., 100 William St., New York.

D. HOT BLAST CEMENT.
John A. McConnell & Co., Pittsburg, Pa.

E. RETORT CEMENT, ASBESTOS.
Philip Carey Mfg. Co., Lockland, O.
H. W. Johns Mfg. Co., 100 William St., New York.

F. STOVE CEMENT.
Newton & Co., Albany, N. Y.
S. Obermayer Co., Cincinnati, O.

John L. Thompson, Sons & Co., Troy, N. Y.

798. FIRE PLACE FURNITURE.

A. BLOWER STANDS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
J. W. Fiske, 39 Park Place, New York.
H. L. Judd & Co., 87 Chambers St., New York.

B. BRASS FIRE SETS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
Eureka Foundry Co., Cincinnati, O.
Gould-Mersereau Co., 259 Canal St., New York.
Wm. H. Jackson & Co., 860 Broadway, New York.
H. L. Judd & Co., 87 Chambers St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.
Sargent & Co., New Haven, Conn.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

C. COAL TONGS.
Wm. H. Anderson & Sons, Detroit, Mich.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Troy Nickel Works, Albany, N. Y.
Wheeling Hinge Co., Wheeling, W. Va.

D. FIRE IRON STANDS.
W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.
H. L. Judd & Co., 87 Chambers St., New York.

E FIRE SETS.
Bissell & Co., Pittsburg, Pa.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Sherman S. Jewett & Co., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Peck, Stow & Wilcox Co., Southington, Conn.
Rochester Lamp Co., 38 Park Place, New York.

F. IRON FIRE SETS.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
W. H. Pries, Arlington, N. J.

G. STEEL FIRE SETS.
J. L. Mott Iron Works, 90 Beekman St., New York.

799. FLUE STOPPERS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
L. M. De Vore & Co., Freeport, Ill.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

800. FOOT WARMERS.
W. H. Dick, Dansville, N. Y.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Williams & Co., Nashua, N. H.

801. FURNACES.
Andrews Bros. Co., Youngstown, O.
Birmingham Fire Brick Works, Birmingham, Ala.
A. Buch's Sons, Elizabethtown, Pa.
Buckwalter Stove Co., Royersford, Pa.
Buffalo Dental Mfg. Co., 587 Main St., Buffalo, N. Y.
Byram & Co., Detroit, Mich.
Collins & Burgis Stove Co., Marengo, Ill.
Highland Foundry Co., 1301 Columbus Av., Boston, Mass.
F. A. Hull & Co., 181 Main St., Danbury, Conn.
Lebanon Mfg. Co., Lebanon, Pa.
Mt. Penn. Stove Works, Reading, Pa.
Phila. Roll & Mach. Co., 23d & Wash Av., Philadelphia, Pa.
Riter-Conly Co., Pittsburg, Pa.
Union Drop Forge Co., 64 E. Ohio St., Chicago, Ill.
Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.
Wood & Bishop Co., Bangor, Me.

A. ANNEALING FURNACES.
American Gas Furnace Co., 23 John St., New York.
Brown & Sharpe Mfg. Co., Providence, R. I.
McFadden Co., 722 Arch St., Philadelphia, Pa.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

B. ASSAY FURNACES.
American Gas Furnace Co., 23 John St., New York.
Buffalo Dental Mfg. Co., 587 Main St., Buffalo, N. Y.
Denver Fire Clay Co., 1742 Champa St., Denver, Col.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Wm. Hoskins, 81 Clark St., Chicago, Ill.
M. L. Hull, 24 Broadway, Cleveland, O.

C. BLAST FURNACES.
Birmingham Boiler Works, Birmingham, Ala.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Dicke Tool Co., Downers Grove, Ill.
Fraser & Chalmers Union & Fulton Sts., Chicago, Ill.
Mackintosh, Hemphill & Co., Ltd., Pittsburg, Pa.
McCullough & Dalzell Co., 36th St., Pittsburg, Pa.
R. Munroe & Son, Pittsburg, Pa.
Phila. Engineering Works, Miffin & Meadow Sts., Phila., Pa.

	Rarig Engineering Co., Columbus, O.
	Riter-Conly Co., Pittsburg, Pa.
	Weimer Machine Works Co., Lebanon, Pa.
	Backus Co., Detroit, Mich.
D. BOILER FURNACES.	Brightman Furnace Co., Cleveland, O.
	Continental Iron Works, Brooklyn, N. Y.
	R. Munroe & Son, Pittsburg, Pa.
E. BRASS MOULDERS' FURNACES.	Byram & Co., Detroit, Mich.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., Pier 45 North, Philadelphia, Pa.
	Sheriffs Mfg. Co., S. Water & Barclay Sts., Milwaukee, Wis.
	Whiting Foundry Equipment Co., Harvey, Ill.
F. CANDY FURNACES.	J. P. Anderson & Co., 422 N. 6th St., Philadelphia, Pa.
	McDowell Oven Co., 64 Pitts St., Boston, Mass.
G. CASE HARDENING FURNACES.	American Gas Furnace Co., 23 John St., New York.
	Brown & Sharpe Mfg. Co., Providence, R. I.
	Chicago & Erie Stove Works, Erie, Pa.
H. CASTING FURNACES.	Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.
I. CUPOLA FURNACES.	Byram & Co., Detroit, Mich.
	J. W. Paxson Co., Pier 45 North, Philadelphia, Pa.
	Whiting Foundry Equipment Co., Harvey, Ill.
J. DRYING FURNACES.	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Munnesville Plow Co., Munnesville, N. Y.
	Rubel & Co., 82 Lake St., Chicago, Ill.
K. DRYING FURNACES, FRUIT.	American Mfg. Co., Waynesboro, Pa.
	Brennan & Co., Louisville, Ky.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Munnesville Plow Co., Munnesville, N. Y.
L. FARM FURNACES.	D. H. Bausman, Bausman, Pa.
	International Heater Co., Utica, N. Y.
	Stewart & Peterson Co., Burlington, N. J.
M. GAS FURNACES.	American Gas Furnace Co., Elizabeth, N. J.
	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	E. P. Reichhelm, 23 John St., New York.
N. HEATING FURNACES.	Abendroth Bros., 109 Beekman St., New York.
	Barstow Stove Co., Providence, R. I.
	Bergstrom Bros. & Co., Neenah, Wis.
	B. C. Bibb Stove Co., Baltimore, Md.
	Boynton Furnace Co., 207 Water St., New York.
	Bramhall-Deane Co., 264 Water St., New York.
	Buffalo Forge Co., Buffalo, N. Y.
	Carton Furnace Co., Utica, N. Y.
	Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
	Defiance Machine Works, Defiance, O.
	Diller, Caskey & Co., N. 6th & Berk Sts., Philadelphia, Pa.
	Ely & Ramsey Co., 247 Water St., New York.
	Estate of Philo. D. Beckwith, Dowagiac, Mich.
	Fulley & Warren Co., Troy, N. Y.
	Giblin & Co., Utica, N. Y.
	Graff & Co., 208 Water St., New York.
	Gurney Heater Mfg. Co., 163 Franklin St., Boston, Mass.
	Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
	W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.
	J. C. Henderson & Co., Troy, N. Y.
	Herendeen Mfg. Co., Geneva, N. Y.
	Hess, Snyder & Co., Massillon, O.
	International Heater Co., Utica, N. Y.
	Keeley Stove Co., Lancaster, Pa.
	Lithgow Mfg. Co., Louisville, Ky.
	Littlefield Stove Co., Albany, N. Y.
	Magee Furnace Co., 30 Union St., Boston, Mass.
	Michael Mahony, Troy, N. Y.
	Mt. Penn Stove Works, Reading. Pa.
	National Machinery Co., Tiffin, O.
	Peck-Williamson Heating & Ven. Co., 335 W. 5th, Cinn., O.
	Peteler Portable Railway Mfg. Co., Minneapolis, Minn.
	Reading Stove Works, Reading, Pa.
	Richardson & Boynton Co., 232 Water St., New York.
	Richmond Stove Co., Norwich, Conn.
	Isaac A. Sheppard & Co., 1801 N. 4th St., Philadelphia, Pa.
	Simonds Furnace Co., 50 Cliff St., New York.
	H. B. Smith & Co., Westfield, Mass.
	James Spear Stove & Heating Co., 1014 Market, Phila., Pa.
	Stamford Foundry Co., Stamford, Conn.
	Stuart & Peterson Co., Burlington, N. J.
	Superior Foundry Co., Little Falls, N. Y.

Union Stove Works, 70 Beekman St., New York.
Horace E. Walker, 17 Union St., Boston, Mass.
Wear & Hodgetts, 206 E. 29th St., New York.
Weir Stove Co., Taunton, Mass.
World's Best Furnace Co., Minneapolis, Minn.
Wrought Iron Range Co., Washington Av., St. Louis, Mo.

O. HOT AIR & HOT WATER FURNACES, COMBINED.
Keeley Stove Co., Lancaster, Pa.
Isaac A. Sheppard & Co., 1801 N. 4th St., Philadelphia, Pa.
Stamford Foundry Co., Stamford, Conn.
Weir Stove Co., Taunton, Mass.

P. IRON & STEEL FURNACES.
Rubel & Co., 82 Lake St., Chicago, Ill.

Q. LAUNDRY FURNACES.
American Gas Furnace Co., 23 John St., New York.
Front Rank Steel Furnace Co., St. Louis, Mo.
Peck-Williamson Heating & Ventil. Co., Cincinnati, O.
Troy Laundry Mach. Co., Ltd., 15 Warren St., New York.

R. MUFFLE FURNACES.
Edward P. Allis Co., Milwaukee, Wis.
American Gas Furnace Co., 23 John St., New York.
Duncan McKenzie. Trenton, N. J.

S. OPEN HEARTH FURNACES.
Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Ft. Scott Foundry & Machine Co., Ft. Scott, Kan.
McCullough & Dalzell Co., 36th St., Pittsburg, Pa.
Riter-Conly Co., Pittsburg, Pa.

T. PITCH FURNACES.
Francis Fritsch Mfg. Co., 289 McMicken Av., Cincinnati, O.
Morris & Lane Furnace Co., Cleveland, O.
Wm. Swindell & Bros., Pittsburg, Pa.

U. REGENERATING FURNACES.
American Gas Furnace Co., 23 John St., New York.

V. REVOLVING FORGE FURNACES.
Pawtucket Mfg. Co., Pawtucket, R. I.

W. SMELTING FURNACES.
Edw. P. Allis Co., Milwaukee, Wis.
American Gas Furnace Co., 23 John St., New York.
Byram & Co., Detroit, Mich.
Cyrus Currier & Sons, Newark, N. J.
Patton Mfg. Co., Columbus, O.
Stearns-Roger Mfg. Co., Denver, Col.

X. SOLDERING FURNACES.
American Gas Furnace Co., 23 John St., New York.
Buffalo Dental Mfg. Co., 587 Main St., Buffalo, N. Y.
Dangler Stove & Mfg. Co., Cleveland, O.
Schneider & Trenkamp Co., Cleveland, O.

Y. SULPHUR FURNACES.
Valk & Murdock Iron Works, 14 Hasell St., Charleston, S. C.

Z. TEMPERING FURNACES.
American Gas Furnace Co., 23 John St., New York.
Buffalo Dental Mfg. Co., 587 Main St., Buffalo, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Sheriffs Mfg. Co., S. Water & Barclay Sts., Milwaukee, Wis.
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.

AA. TINNED FURNACES
American Gas Furnace Co., 23 John St., New York.
W. L. Hull, 24 Broadway, Cleveland, O.
White Mfg. Co., 158 Indiana St., Chicago, Ill.

802. GAS LOGS.
Jacob C. Cassell, 709 Arch St., Philadelphia, Pa.
Eureka Foundry Co., Cincinnati, O.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
N. U. Walker Clay Mfg. Co., Walkers, O.

803. GRATES.
McClave, Brooks & Co., Scranton, Pa.
Joseph S. Miller, 1210 Ridge Av., Philadelphia, Pa.
Scanlon & Co., Louisville, Ky.
Towers & Sullivan Mfg. Co., Rome, Ga.
Valley Iron Works, Williamsport, Pa.

A. ENAMELLED GRATES.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.

B. FIRE BASKETS.
Wm. H. Jackson & Co., 860 Broadway, New York.
F. & L. Kahn & Bro., Hamilton, O.
Lansing Wheelbarrow Co., Lansing, Mich.
J. L. Mott Iron Works, 90 Beekman St., New York.

C. FIRE PLACE GRATES.
Bissell & Co., Pittsburg, Pa.
Conover Fireplace Mfg. Co., 9 W. 30th St., New York.
W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.
Wm. H. Jackson & Co., 860 Broadway, New York.
Knott, Harker & Co., Beaver Falls, Pa.
W. H. Lahman, 23 S. Canal St., Chicago, Ill.
Lithgow Mfg. Co., Louisville, Ky.
Manhattan Brass Co., 338 E. 28th St., New York.
McClave, Brooks & Co., Scranton, Pa.
J. L. Mott Iron Works, 90 Beekman St., New York.
Peerless Mfg. Co., Louisville, Ky.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.

Rosedale Foundry Co., Wash. & Preble Av., Allegheny, Pa.
Sharpless & Watts, 1522 Chestnut St., Philadelphia, Pa.
Taylor & Boggis Foundry Co., Cleveland, O.
Valley Iron Works, Williamsport, Pa.
N. Wetter Mfg. Co., Memphis, Tenn.

D. FURNACE GRATES.
David Bradley Mfg. Co., Bradley, Ill.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
P. J. Conroy, Island Road & S. 75th St., Phila., Pa.
Geo. J. Fritz, 2008 E. 3d St., St. Louis, Mo.
J. L. Mott Iron Works, 90 Beekman St., New York.
Oil City Boiler Works, Oil City, Pa.
Peerless Mfg. Co., Louisville, Ky.
Valley Iron Works, Williamsport, Pa.

E. GAS GRATES.
Joseph S. Miller, 1210 Ridge Av., Philadelphia, Pa.
Peerless Mfg. Co., Louisville, Ky.

F. GRATE FIXTURES.
Abram Cox Stove Co., 144 N. 2d St., Philadelphia, Pa.
J. L. Mott Iron Works, 90 Beekman St., New York.

G. GRATE FRONTS.
Crea, Graham & Co., Pittsburg, Pa.
J. L. Mott Iron Works, 90 Beekman St., New York.

H. OVEN GRATES.
H. N. Hubbard, 18 Cliff St., New York.

I. STOVE GRATES.
Bissell & Co., Pittsburg, Pa.
Chattanooga Stove Co., Chattanooga, Tenn.
McClave, Brooks & Co., Scranton, Pa.
J. L. Mott Iron Works, 90 Beekman St., New York.
Peerless Mfg. Co., Louisville, Ky.
Wheeler Foundry Co., Worcester, Mass.

804. GRATES, POWER.
Dickson Mfg. Co., Scranton, Pa.
Valley Iron Works, Williamsport, Pa.

A. CULM BURNING GRATES.
Dickson Mfg. Co., Scranton, Pa.

B. GRATE BARS.
Dickson Mfg. Co., Scranton, Pa.
Emporia Foundry & Mach. Works, Emporia, Kan.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Holyoke Machine Co., Holyoke, Mass.
R. R. Howell & Co., Minneapolis, Minn.
H. N. Hubbard, 18 Cliff St., New York.
W. H. Lahman, 23 S. Canal St., Chicago, Ill.
McClave, Brooks & Co., Scranton, Pa.
John Mohr & Sons, 32 Illinois St., Chicago, Ill.
Morgan Iron Works, Spartanburg, S. C.
R. Munroe & Son, Pittsburg, Pa.
Oil City Boiler Works, Oil City, Pa.
E. Rutzler, 178 Centre St., New York.
Salamander Grate Bar Co., 110 Liberty St., New York.
Southern Log Cart & Supply Co., Mobile, Ala.
Wm. W. Tupper & Co., 206 West St., New York.
Vulcan Iron Works, Wilkesbarre, Pa.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

805. HEATER ATTACHMENTS, AUTOMATIC.
Automatic Clock Co., Syracuse, N. Y.

806. HEATERS.
Edward P. Allis Co., Milwaukee, Wis.
American Blower Co., Detroit, Mich.
American Radiator Co., Lake & Dearborn Sts., Chicago, Ill.
Buckwalter Stove Co., Royersford, Pa.
Buffalo Forge Co., Buffalo, N. Y.
Lebanon Stove Works, Lebanon, Pa.
Southern Engine & Boiler Works, Jackson, Tenn.
Stewart & Peterson Co., Burlington, N. J.
Waterville Foundry & Mfg. Co., Waterville, N. Y.

A. AUTOMATIC FREIGHT CAR HEATERS.
Wm. C. Baker, 143 Liberty St., New York.
Safety Car Heating & Lighting Co., 160 B'way, New York.

B. BALTIMORE HEATERS.
B. C. Bibb Stove Co., Baltimore, Md.
Fuller & Warren Co., Troy, N. Y.

C. CAR HEATERS.
Wm. C. Baker, 143 Liberty St., New York.
J. G. Brill Co., 62d St. & Woodlawn Av., Philadelphia, Pa.
W. G. Creamer & Co., 96 John St., New York.
Fuller & Warren Warming & Ventilating Co., Troy, N. Y.
Gold Car Heating Co., 6 N. Y. & Brooklyn Bridge, N. Y.
A. A. Griffing Iron Co., 66 Centre St., New York.
H. W. Johns Mfg. Co., 100 William St., New York.
Safety Car Heating & Lighting Co., 160 B'way, New York.

D. CARRIAGE HEATERS.
Chicago Flexible Shaft Co., 158 Huron St., Chicago, Ill.

E. COMBINATION HOT WATER & WARM AIR HEATERS.
Carton Furnace Co., Utica, N. Y.
International Heater Co., Utica, N. Y.
National Pipe Bending Co., New Haven, Conn.
Stewart Heater Co., 5 Norfolk Av., Buffalo, N. Y.

F. COMBINATION STEAM & WARM AIR HEATERS.	International Heater Co., Utica, N. Y. Michael Mahony, Troy, N. Y.
G. DOMESTIC CIRCULATING HEATERS.	Humphrey Mfg. & Plating Co., Kalamazoo, Mich.
H. ELECTRIC HEATERS.	Am. Electrical Heater Co., 197 River St., Detroit, Mich.
I. EXHAUST STEAM HEATERS.	Best, Fox & Co., Pittsburg, Pa. A. A. Griffing Iron Co., 66 Centre St., New York.
J. FIRE PLACE HEATERS.	Barstow Stove Co., Providence, R. I. Boynton Furnace Co., 207 Water St., New York. Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa. Ely & Ramsey Co., 247 Water St., New York. Fuller & Warren Co., Troy, N. Y. Union Stove Works, 70 Beekman St., New York.
K. GAS HEATERS.	American Gas Furnace Co., 23 John St., New York. Buffalo Dental Mfg. Co., Buffalo, N. Y. Detroit Stove Works, Detroit, Mich. Empire Laundry Machinery Co., 185 High St., Boston, Mass. W. O. Hicock Mfg. Co., Harrisburg, Pa. Iron Clad Mfg. Co., 22 Cliff St., New York. Standard Lighting Co., Perkins Av., Cleveland, O.
L. GLUE HEATERS.	Crane Co., 10 N. Jefferson St., Chicago, Ill. Wm. H. Dopp & Son, Buffalo, N. Y. W. O. Hickok Mfg. Co., Harrisburg, Pa. Nason Mfg. Co., 71 Beekman St., New York. Henry B. Pancoast & Co., 243 S. 3d St., Philadelphia, Pa.
M. HOT WATER HEATERS.	Abendroth Bros., 109 Beekman St., New York. Boynton Furnace Co., 207 Water St., New York. Carton Furnace Co., Utica, N. Y. Clonbrock Steel Boiler Co., 564 Smith St., Brooklyn, N. Y. Detroit Heating & Lighting Co., Detroit, Mich. Fuller & Warren Co., Troy, N. Y. Gurney Heater Mfg. Co., Boston, Mass. Herendeen Mfg. Co., Geneva, N. Y. Heipershausen Bros., 43 Tompkins St., New York. Highland Foundry Co., Boston Highlands, Mass. Iron Clad Mfg. Co., 22 Cliff St., New York. Lord & Burnham Co., Irvington-on-Hudson, N. Y. Magee Furnace Co., 30 Union St., Boston, Mass. D. F. Morgan Boiler Co., Akron, O. Nason Mfg. Co., 71 Beekman St., New York. N. Y. Central Iron Works, Geneva, N. Y. Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y. Reading Stove Works, Reading, Pa. Richardson & Boynton Co., 232 Water St., New York. H. B. Smith Co., Westfield, Mass. Southern Engine & Boiler Works, Jackson, Tenn. Vulcan Iron Works, Wilkesbarre, Pa. Weir Stove Co., Taunton, Mass.
N. LAUNDRY HEATERS.	Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill. Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa. Gurney Heater Mfg. Co., Boston, Mass. Michael Mahony, Troy, N. Y. Troy Laundry Machine Co., Ltd., 15 Warren St., New York.
O. OIL HEATERS.	Detroit Stove Works, Detroit, Mich. Manhattan Brass Co., 338 E. 28th St., New York. F. Meyrose Lamp & Mfg. Co., St. Louis, Mo. Standard Lighting Co., Perkins Av., Cleveland. O.
P. OIL SEED MEAL HEATERS.	G. H. Bushnell Press Co., Thompsonville, Conn.
Q. PORTABLE HEATERS.	P. J. Conroy, Island Road & S. 75th St., Philadelphia, Pa. George F. Motter & Sons, York, Pa. F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.
R. PORTABLE HOT AIR HEATERS.	P. J. Conroy, Island Road & S. 75th St., Philadelphia, Pa.
S. SAD IRON HEATERS.	Adams Laundry Machinery Co., Troy, N. Y. Amer. Electrical Heater Co., 197 River St., Detroit, Mich. Michael Mahony, Troy, N. Y. Patton Mfg. Co., Columbus, O.
T. STATIONARY HEATERS.	Birmingham Iron Foundry, Birmingham, Conn. Boynton Furnace Co., 207 Water St., New York. Herendeen Mfg. Co., Geneva, N. Y. National Pipe Bending Co., 132 River St., New Haven, Conn.
U. STEAM HEATERS.	Abendroth Bros., 109 Beekman St., New York. Amer. Radiator Co., Lake & Dearborn Sts., Chicago, Ill. Anderson Foundry Machine Works, Anderson, Ind. Carton Furnace Co., Utica, N. Y. Isaac B. Davis & Son, Hartford, Conn.

Detroit Heating & Lighting Co., Detroit, Mich.
Highland Foundry Co., Boston Highlands, Mass.
Lord & Burnham Co., Irvington-on-Hudson, N. Y.
Magee Furnace Co., 30 Union St., Boston, Mass.
D. F. Morgan Boiler Co., Akron, O.
Geo. F. Motter & Sons, York, Pa.
Nason Mfg. Co., 71 Beekman St., New York.
N. Y. Central Iron Works Co., Geneva, N. Y.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
Reading Stove Works, Reading, Pa.
Richardson & Boynton Co., 232 Water St., New York.
Richmond Stove Co., Norwich, Conn.
H. B. Smith Co., Westfield, Mass.
Southern Engine & Boiler Works, Jackson, Tenn.
Weir Stove Co., Taunton, Mass.
Williams Bros., 104 W. State St., Ithaca, N. Y.

V. STEAM HEATERS, PORTABLE. Richmond Stove Co., Norwich, Conn.
H. B. Smith Co., Westfield, Mass.

W. STEAM WATER HEATERS. Stewart Heater Co., Buffalo, N. Y.

X. TANK HEATERS. Cyclone Works, De Witt, Iowa.
Flint & Walling Mfg. Co., Kendallville, Ind.
R. R. Howell & Co., Minneapolis, Minn.
Hunt, Helm & Ferris, Harvard, Ill.
Kelly & Taneyhill, 2 Chestnut St., Waterloo, Iowa.
Novelty Mfg. Co., Rock Island, Ill.
E. B. Winger, 532 Kenwood Terrace, Chicago, Ill.

Y. TAR & GRAVEL HEATERS. G. L. Stuebner Iron Works, Long Island, City, N. Y.

Z. WATER HEATERS. Day-Ward Co., Warren, O.
Lee Injector Mfg. Co., 103 Abbott St., Detroit, Mich. *5
Sutton Bros. & Bell, Indiana, Pa.
John Trageser Steam Copper Wks., 447 W. 26th, New York.

807. HEATING APPARATUS.

Buffalo Forge Co., Buffalo, N. Y.
A. A. Griffing Iron Co., 66 Centre St., New York.
Howard & Morse, 45 Fulton St., New York.
International Heater Co., Utica, N. Y.
Lord & Burnham Co., Irvington-on-Hudson, N. Y.
D. F. Morgan Boiler Co., Akron, O.
Geo. F. Motter & Sons, Princess St. & N. C. R. R., York, Pa.
National Blower Works, St. Paul Av., Milwaukee, Wis.
Peck-Williamson Heating & Ven. Co., 335 W. 5th, Cinn., O.
Pierce, Butler & Pierce Mfg. Co., 20th St., Syracuse, N. Y.

A. GAS HEATING APPARATUS. Amer. Gas Furnace Co., 23 John St., New York.
Eimer & Amend, 205 3d Av. New York.

B. GREEN-HOUSE HEATING APPARATUS. Boynton Furnace Co., 207 Water St., New York.
Exeter Machine Works, Exeter, N. H.
Fuller & Warren Co., Troy, N. Y.
A. A. Griffing Iron Co., 66 Centre St., New York.
Hitchings & Co., 233 Mercer St., New York.
Lord & Burnham Co., Irvington-on-Hudson, N. Y.

C. HEATING REGISTER FRAMES. Buffalo Forge Co., Buffalo, N. Y.

D. HOT BLAST HEATING APPARATUS. Amer. Gas. Furnace Co., 23 John St., New York.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
National Blower Works, St. Paul Av., Milwaukee, Wis.
E. Rutzler, 178 Centre St., New York.

E. HOT BLAST STEAM HEATING APPARATUS. Boston Blower Co., Hyde Park, Mass.
Manhattan Machinery Co., 109 Liberty St., New York. *14
E. Rutzler, 178 Centre St., New York.
B. F. Sturtevant Co., Boston, Mass.

F. HOT WATER HEATING APPARATUS. Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill.
Baker, Smith & Co., 81 Houston St., New York.
Boynton Furnace Co., 207 Water St., New York.
Davis Heating Co., Racine, Wis.
Fuller & Warren Co., Troy, N. Y.
A. A. Griffing Iron Co., 66 Centre St., New York.
Gurney Heater Mfg. Co., Boston, Mass.
Herendeen Mfg. Co., Geneva, N. Y.
Hitchings & Co., 233 Mercer St., New York.
Manhattan Machinery Co., 109 Liberty St., New York. *14
Richardson & Boynton Co., 232 Water St., New York.
Richmond Stove Co., Norwich, Conn.
E. Rutzler, 178 Centre St., New York.
H. B. Smith Co., Westfield, Mass.

G. HOT WATER HEATING BOILERS. Highland Foundry Co., 1301 Columbus Av., Boston, Mass.

H. STEAM HEATING & VENTILATING APPARATUS.
Bartlett, Hayward & Co., Baltimore, Md.
Buffalo Forge Co., Buffalo, N. Y.
Fuller & Warren Co., Troy, N. Y.
A. A. Griffing Iron Co., 66 Centre St., New York.
Howard & Morse, 45 Fulton St., New York.
Lord & Burnham Co., Irvington-on-Hudson, N. Y.
Manhattan Machinery Co., 109 Liberty St., New York. *14
George F. Motter & Sons, York, Pa.
National Blower Works, Milwaukee, Wis.
E. Rutzler, 178 Centre St., New York.
H. B. Smith Co., Westfield, Mass.

I. STEAM HEATING APPARATUS.
Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill.
Baker, Smith & Co., 81 W. Houston St., New York.
Edward P. Bates, Syracuse, N. Y.
H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
John Best, Lancaster, Pa.
Braman, Dow & Co., 3 Haymarket Sq., Boston, Mass.
Davis Heating Co., Racine, Wis.
Exeter Machine Works, Exeter, N. H.
Herendeen Mfg. Co., Geneva, N. Y.
Kensington Engine Works, Ltd., Philadelphia, Pa.
N. O. Nelson Mfg. Co., St. Charles & 8th Sts., St. Louis, Mo.
N. Y. Central Iron Works, Geneva, N. Y.
Richmond Stove Co., Norwich, Conn.
H. B. Smith Co., Westfield, Mass.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
Williams Bros., Ithaca, N. Y.

808. HEAT REGULATORS.
Carton Furnace Co., Utica, N. Y.
D'Este & Seeley Co., 19 Haverhill St., Boston. Mass.
Wm. S. Haines Co., 136 S. 4th St., Philadelphia, Pa.
International Heater Co., Utica, N. Y.

809. KILNS.
National Blower Works, Milwaukee, Wis.

A. BONE BLACK KILNS.
Deeley & Co., 507 W. 32d St., New York.

B. BRICK KILNS.
Chas. J. Dorrance, 365 Dearborn Av., Chicago, Ill.
F. Lehmann & Co., W. Wellington St., Chicago, Ill.
Lehmann-Kohlsaat Clay Works, W. Wellington St., Chic., Ill.

C. DRYING KILNS.
American Blower Co., Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
National Blower Works, Milwaukee, Wis.
B. F. Sturtevant Co., Boston, Mass.

D. HOT BLAST DRY KILN APPARATUS.
American Blower Co., Detroit. Mich.
Boston Blower Co., Hyde Park, Mass.
National Blower Works, Milwaukee, Wis.
B. F. Sturtevant Co.. 34 Oliver St., Boston, Mass.

E. LIME KILNS.
Riter-Conly Co., Pittsburg, Pa.

F. ROASTING KILNS.
Dickson Mfg. Co., Scranton, Pa.

G. TILE KILNS.
F. Lehmann & Co., W. Wellington St., Chicago, Ill.
Lehmann-Kohlsaat Clay Works, W. Wellington St., Chic., Ill.

810. KINDLING WOOD.
Clark & Wilkins, 11th Av. & 24th St., New York.
Cornelius Daly, 570 W. 34th St., New York.

811. LININGS, HEATING APPARATUS.

A. CUPOLA BLOCKS.
Adams Laundry Mach. Co., Troy, N. Y.
Parker & Austin Firebrick Co., Ironton, O.
Somerset Enamel Brick Co., Somerset, Mass.

B. CYLINDER BRICKS.
Dighton Stove Lining Co., Dighton, Mass.
Somerset Enamel Brick Co., Somerset, Mass.

C. FIRE BRICK LININGS.
French & Winslow, Taunton, Mass.
Presbrey Stove Lining Co., Taunton, Mass.

D. FURNACE BRICKS.
Park Fire Clay Co., Rochester, Pa.
Pittsburg Clay Pot Co., Allegheny, Pa.
Presbrey Stove Lining Co., Taunton, Mass.
Welch, Gloninger & Maxwell, Pittsburg, Pa.

E. GRATE LININGS.
Birmingham Fire Brick Works, Birmingham, Ala.
Presbrey Stove Lining Co., Taunton, Mass.
Somerset Enamel Brick Co., Somerset, Mass.

F. STOVE LININGS.
Chicago F. P. Covering Co., 48 Franklin St., Chicago, Ill.
Dighton Stove Lining Co., Dighton, Mass.
McLeod & Henry Co., Troy, N. Y.
Morgan Iron Works. Spartanourg, S. C.
Newton & Co., Albany, N. Y.
Presbrey Stove Lining Co., Taunton, Mass.
Rutland Fire Clay Co., Rutland, Vt.
Taunton Stove Lining Co., Taunton. Mass.
Union Stove Lining Co., Taunton, Mass.

G. STOVE LININGS, ASBESTOS.
Adams Laundry Machine Co., Troy, N. Y.
Asbestos Paper Co., Boston, Mass.

	Franklin Mfg. Co., Franklin, Pa.
	H. W. Jones Mfg. Co., 100 William St., New York.
812. OIL BURNERS, FUEL.	Aerated Fuel Co., Springfield, Mass.
	Gilbert & Barker Mfg Co., Springfield, Mass.
	Racine Hardware Co., Racine, Wis.
813. OVENS.	G. S. Blodgett Co., Burlington, Vt.
	Bramhall-Deane Co., 264 Water St., New York.
	McDowell Oven Co., 121 Haverhill St., Boston, Mass.
	J. W. Ruger Mfg. Co., 214 Chicago St., Buffalo, N. Y.
A. COMBINATION PORTABLE OVENS & ROASTERS.	Adam Reid, 119 Main St., Buffalo, N. Y.
B. CORE OVENS.	Byram & Co., Detroit, Mich.
	Millett Core Oven Co., Brightwood, Mass.
C. ENAMELLED OVENS, GAS & GASOLINE.	National Cement & Rubber Mfg. Co., Toledo, O.
	White Mfg. Co., 158 Indiana St., Chicago, Ill.
D. MECHANICAL OVENS.	J. W. Ruger Mfg. Co., Buffalo, N. Y.
E. OIL STOVE OVENS.	Primus Co., 197 Fulton St., New York.
F. ORE ROASTING OVENS.	Dickson Mfg. Co., Scranton, Pa.
	Ft. Scott Foundry & Machine Co., Ft. Scott, Kan.
G. OVEN DOORS.	H. N. Hubbard, 18 Cliff St., New York.
H. PORTABLE OVENS.	Monarch Stove & Mfg. Co., Mansfield, O.
	Paxton Hardware Mfg. Co., Paxton, Ill.
	John Van Range Co., 419 Elm St., Cincinnati, O.
814. RADIATOR FLOOR PLATES.	
	Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill.
	Belknap Mfg. Co., Bridgeport, Conn.
	A. A. Griffing Iron Co., 66 Centre St., New York.
A. RADIATOR ELBOWS.	Belknap Mfg. Co., Bridgeport, Conn.
	Frontier Iron Works, Detroit Mich.
815. RADIATORS.	A. A. Griffing Iron Co., 66 Centre St., New York.
	Gurney Heater Mfg. Co., Boston, Mass.
	Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.
A. CAST IRON RADIATORS.	Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill.
	A. A. Griffing Iron Co., 66 Centre St. New York.
	Gurney Heater Mfg. Co., Boston, Mass.
	Ingalls & Kendricken, 80 Sudbury St., Boston, Mass.
	H. B. Smith Co., Westfield, Mass.
	Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.
B. GAS RADIATORS.	Detroit Stove Works, Detroit, Mich.
	Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
	Peerless Mfg. Co., Louisville, Ky.
C. HOT AIR RADIATORS.	Wilmot Castle & Co., Rochester, N. Y.
D. HOT WATER RADIATORS.	Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill.
	Detroit Heating & Lighting Co., Detroit, Mich.
	Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
	Exeter Machine Works, Exeter, N. H.
	A. A. Griffing Iron Co., 66 Centre St., New York.
	Gurney Heater Mfg. Co., Boston, Mass.
	Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
	Prox & Brinkman Mfg. Co., Terre Haute, Ind.
	H. B. Smith Co., Westfield, Mass.
E. PIN RADIATORS.	Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill.
	A. A. Griffing Iron Co., 66 Centre St., New York.
	Ingalls & Kendricken, 80 Sudbury St., Boston, Mass.
	H. B. Smith Co., Westfield, Mass.
F. SHEET IRON RADIATORS.	New Haven Steam Specialty Co., New Haven, Conn.
G. STEAM RADIATORS.	Amer. Radiator Co., c. Lake & Dearborn Sts., Chicago, Ill.
	Broomell, Schmidt & Co., York, Pa.
	Wilmot Castle & Co., Rochester, N. Y.
	Crane, Churchill Co., Omaha, Neb.
	Detroit Lubricator Co., Detroit, Mich.
	Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
	Eaton, Cole & Burnham Co., 253 Broadway, New York.
	Exeter Machine Works, Exeter, N. H.
	Gurney Heater Mfg. Co., Boston, Mass.
	Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
	Prox & Brinkman Mfg. Co., Terre Haute, Ind.
	H. B. Smith Co., Westfield, Mass.
	Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
H. VERTICAL TUBE RADIATORS.	A. A. Griffing Iron Co., 66 Centre St., New York.
	Ingalls & Kendricken, 80 Sudbury St., Boston, Mass.
	Nason Mfg. Co., 71 Beekman St., New York.
816. RANGE CLOSETS.	Standard Mfg. Co., Pittsburg Pa.
817. RANGES.	Abendroth Bros., 109 Beekman St., New York.
	Barstow Stove Co., Providence, R. I.
	Belleville Stove Works, Belleville, Ill.

Bergstrom Bros. & Co., Neenah, Wis.
Bissell & Co., 715 Liberty Av., Pittsburg, Pa.
Boynton Furnace Co., 207 Water St., New York.
Bramhall-Deane Co., 264 Water St., New York.
Brand Stove Co., Milwaukee, Wis.
Buckwalter Stove Co., Royersford, Pa.
Burdett, Smith & Co., Troy, N. Y.
Channon-Emery Stone Co., Quincy, Ill.
Chicago & Erie Stove Works, Erie, Pa.
Chicago Stove Works, Chicago, Ill.
Collins & Burgie Stove Co., Marengo, Ill.
P. J. Conroy, Island Road & S. 75th St., Philadelphia, Pa.
Co-operative Foundry Co., Rochester, N. Y.
J. B. & J. M. Cornell, 143 Centre St., New York.
Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
Cutler & Proctor Stove Co., Peoria, Ill.
Detroit Stove Works, Detroit, Mich.
Diller, Caskey & Co., 1848 N. 6th St., Philadelphia, Pa.
Ely & Ramsay Co., 247 Water St., New York.
C. Emrich, Columbus, O.
Estate of Philo. D. Beckwith, Dowagiac, Mich.
Fales Stove Works, Troy, N. Y.
Favorite Stove & Range Co., Piqua, O.
Wm. G. Fisher Mfg. Co., 109 Church Place, Cincinnati, O.
Fuller & Warren Co., Troy, N. Y.
Graff & Co., Pittsburg, Pa.
Great Western Stove Co., Leavenworth, Kan.
W. H. Harrison's Sons, 1435 Chestnut St., Philadelphia, Pa.
Hess, Snyder & Co., Massillon, O.
Highland Foundry Co., 1301 Columbus Av., Boston, Mass.
International Heater Co., Utica, N. Y.
Sherman S. Jewett & Co., Buffalo, N. Y.
F. & L. Kahn & Bros., Hamilton, O.
Keeley Stove Co., Lancaster, Pa.
Lebanon Stove Works, Lebanon, Pa.
Littlefield Stove Co., Albany, N. Y.
Magee Furnace Co., 30 Union St., Boston, Mass.
Michigan Stove Co., Detroit, Mich.
Wm. Miller Range & Furnace Co., 9 W. 5th St., Cinn., O.
J. L. Mott Iron Works, 90 Beekman St., New York.
Mount Penn Stove Works, Reading, Pa.
J. S. & M. Peckham Co., Utica, N. Y.
Pittston Stove Co., Pittston, Pa.
Rathbone, Sard & Co., Albany, N. Y.
Reading Stove Works, Reading, Pa.
Wm. Resor & Co., State Av., Cincinnati, O.
Richardson & Boynton Co., 232 Water St., New York.
Richmond Stove Co., Norwich, Conn.
Isaac A. Sheppard & Co., 1801 N. 4th St., Philadelphia, Pa.
Simonds Furnace Co., 50 Cliff St., New York.
Smith & Anthony Co., 48 Union St., Boston, Mass.
James Spear Stove & Heating Co., 1014 Market, Phila., Pa.
Stamford Foundry Co., Stamford, Conn.
Stewart & Peterson Co., Burlington, N. J.
Swinton & Co., Port Jervis, N. Y.
Taplin, Rice & Co., Akron, O.
Union Stove Works, 70 Beekman St., New York.
John Van Range Co., 419 Elm St., Cincinnati, O.
J. Van Wormer & Co., Albany, N. Y.
Victor Stove Co., Salem, O.
Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.
Weir Stove Co., Taunton, Mass.
A. Weiskittel & Son, Baltimore, Md.
Wood & Bishop Co., Bangor, Me.
J. Woodruff & Sons, Salem, O.
Wrought Iron Range Co., 1901 Wash. Av., St., Louis, Mo.
Yeager-Hunter Spring City Stove Works, Spring City, Pa.

A. FOLDING CAMP RANGES.
T. C. Phelps, 11 Central St., Boston, Mass.

B. FRENCH RANGES.
Bramhall-Deane Co., 264 Water St., New York.
Valentine Clad & Sons, 117 S. 11th St., Philadelphia, Pa.

C. GASOLINE RANGES.
Dangler Stove Mfg. Co., Cleveland, O.

D. GAS RANGES.
Abendroth Bros., 109 Beekman St., New York.
Born Steel Range & Mfg. Co., Cleveland, O.
Dangler Stove Mfg. Co., Cleveland, O.
Detroit Stove Works, Detroit, Mich.

	Griswold Mfg. Co., Erie, Pa.
	Wm. Resor & Co., State Av., Cincinnati, O.
E. HOTEL RANGES.	Bramhall-Deane Co., 264 Water St., New York.
	Chicago & Erie Stove Works, Erie, Pa.
	Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
	Wm. G. Fisher Mfg. Co., 109 Church Place, Cincinnati, O.
	Graff & Co., 208 Water St., New York.
	Reading Stove Works, Reading, Pa.
	Rubel & Co., 82 Lake St., Chicago, Ill.
	Horace E. Walker, 17 Union St., Boston, Mass.
	Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.
	Weir Stove Co., Taunton, Mass.
F. OIL STOVE RANGES.	Dangler Stove Mfg. Co., Cleveland, O.
	Primus Co., 197 Fulton St., New York.
G. STEEL RANGES.	Belleville Stove Works, Belleville, Ill.
	Bergstrom Bros. & Co., Neenah, Wis.
	Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
	Detroit Stove Works, Detroit, Mich.
	Great Western Stove Co., Leavenworth, Kan.
	Hess, Snyder & Co., Massillon, O.
818. REGISTERS, HOT AIR.	Chalfant Mfg. Co., Lancaster, Pa.
	W. G. Creamer & Co., 96 John St., New York.
	Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
	A. A. Griffing Iron Co., 66 Centre St., New York.
	Wm. Highton & Sons, Boston, Mass.
	Mount Penn Stove Works, Reading, Pa.
	Reading Hardware Co., Reading, Pa.
	Simonds Furnace Co., 50 Cliff St., New York.
	E. C. Stearns & Co., Syracuse, N. Y.
	Stover Mfg. Co., Freeport, Ill.
	Tuttle & Bailey Mfg. Co., 83 Beekman St., New York.
	Unadilla Machine Works, Unadilla, N. Y.
819. RETORTS.	Edward P. Allis Co., Milwaukee, Wis.
	Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
	Portland Co., Portland, Me.
	Ross & Co., 1438 N. 6th St., Philadelphia, Pa.
	Stewart & Peterson Co., Burlington, N. J.
A. CANNING RETORTS.	Jas. Gardner, Jr., Pittsburg, Pa.
	B. Kreischer & Sons, 132 Mangin St., New York.
	Laclede Fire Brick Mfg. Co., 901 Pine St., St. Louis, Mo.
	Parker-Russell Mining & Mfg. Co., St. Louis, Mo.
	Adam Weber Co., 633 E. 15th St., New York.
	R. D. Wood Co., 400 Chestnut St., Philadelphia, Pa.
B. CAST IRON RETORTS.	Warren Foundry & Machine Co., Phillipsburg, N. J.
C. CHEMICAL RETORTS.	Pittsburg Clay Mfg. Co., New Brighton, Pa.
	Struthers, Wells & Co., Warren, Pa.
	H. G. Trout & Co., Buffalo, N. Y.
D. CLAY RETORTS.	Baltimore Retort & Fire Brick Co., Baltimore, Ind.
	Cyrus Borgner, N. 23d St., above Race, Philadelphia, Pa.
	J. H. Gautier & Co., Jersey City, N. J.
	B. Kreischer & Sons, 132 Mangin St., New York.
	Henry Maurer & Son, 420 E. 23d St., New York.
E. GAS RETORTS.	Arcade Malleable Iron Co., Worcester, Mass.
	Bartlett, Hayward & Co., Baltimore, Md.
	James Gardner, Jr., 335 5th Av., Pittsburg, Pa.
	Henry Maurer & Son, 420 E. 23d St., New York.
	Parker-Russell Mining & Mfg. Co., 417 Pine, St. Louis, Mo.
F. PLUMBAGO RETORTS.	Taunton Crucible Co., Taunton, Mass.
G. RETORT STANDS.	Stewart & Peterson Co., Burlington, N. J.
H. SELF-SEALING RETORT LIDS.	Continental Iron Works, Brooklyn, N. Y.
820 CORIFIERS.	Denver Fire Clay Co., Denver, Col.
821. STOVE BOARDS.	Adams, Westlake Co., Ont. & N. Franklin Sts., Chicago, Ill.
	American Stove Board Co., 211 Water St., New York.
	Belding-Hall Mfg. Co., Belding, Mich.
	Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
	Matthiessen & Hegeler Zinc Co., La Salle, Ill.
	Ornamental Stamping Works, Grand Rapids, Mich.
	H. Rendtorff & Co., 16 Lake St., Chicago, Ill.
	Sidney Shepard & Co., Buffalo, N. Y.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
822. STOVE LID LIFTERS.	Adams Co., Dubuque, Iowa.
	Chalfant Mfg. Co., Atglen, Pa.
	L. M. De Vore & Co., Freeport, Ill.
	W. F. Greene, Troy, N. Y.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.

Lithgow Mfg. Co., Louisville, Ky.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
Patton Mfg. Co., Columbus, O.
Stover Mfg. Co., Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Waner Hardware Co., Freeport, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

823. STOVE PIPE.

Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
International Heater Co., Utica, N. Y.
New England Ventilating & Heating Co., Providence, R. I.
Paterson Heater Pipe Co., 238 Straight St., Paterson, N. J.
Paxton Hardware Mfg. Co., Paxton, Ill.
John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
Quincy Hardware Mfg. Co., Quincy, Ill.
Robinson Bros. & Co., Akron, O.
Troy Stamping Works, Troy, N. Y.
Van Wagoner & Williams Hdw. Co., Cleveland, O.

A. FIRE CLAY STOVE PIPE.

Montague & Co., Chattanooga, Tenn.
Pittsburg Clay Mfg. Co., New Brighton, Pa.

824. STOVE PIPE COLLARS.

Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Haslet, Flanagan & Co., 116 N. 2d St., Philadelphia, Pa.
F. H. Palmer Mfg. Co., 96 Water St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.
Ansonia Brass & Copper Co., 19 Cliff St., New York.

825. STOVE PIPE ELBOWS.

Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
Chicago Stamping Co., 227 S. Greene St., Chicago, Ill.
International Heater Co., Utica, N. Y.
F. & L. Kahn & Bros., Hamilton, O.
Paterson Heater Pipe Co., 238 Straight St., Paterson, N. J.
John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.
Winfield Mfg. Co., Warren, O.

A. ADJUSTABLE ELBOWS.

M. M. Corwin, 258 Water St., New York.
Estate of A. Froelich, 287 Pearl St., New York.
Marcy Stove Repair Co., 74 Beekman St., New York.
X. Stoutenborough, 277 Pearl St., New York.
Stove Mfr. Repair Association, 230 Water St., New York.

B. CORRUGATED ELBOWS.

Corrugated Elbow Co. of the U. S., Cincinnati, O.
Lamb & Ritchie, Cambridgeport, Mass.

826. STOVE PIPE REGISTERS.

Adams Co., Dubuque, Iowa.
C. H. Presbrey & Co., Sterling, Ill.
Novelty Iron Works, Sterling, Ill.

827. STOVE PIPE THIMBLES.

E. C. Stearns & Co., Syracuse, N. Y.
Troy Stamping Works, Troy, N. Y.

828. STOVE POKERS.

L. M. De Vore & Co., Freeport, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
W. F. Greene, Troy, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
Stover Mfg. Co., Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wheeling Hinge Co., Wheeling, W. Va.
Wire Goods Co., Worcester, Mass.

829. STOVES.

Abendroth Bros., 109 Beekman St., New York.
Albany Foundry Co., Albany, N. Y.
Baldwin & Graham, Pittsburg, Pa.
Barstow Stove Co., Providence, R. I.
Baxter Stove Co., Mansfield, O.
Belleville Stove Works, Belleville, Ill.
E. Bement & Sons, Lansing, Mich.
Bergstrom Bros. & Co., Neenah, Wis.
B. C. Bibb Stove Co., Baltimore, Md.
Bissell & Co., Pittsburg, Pa.
A. Bradley & Co., Pittsburg, Pa.
Bridge & Beach Mfg. Co., 501 S. Main St., St. Louis, Mo.
Buck's Stove & Range Co., 3500 N. 2d St., St. Louis, Mo.
Buckwalter Stove Co., Royersford, Pa.

Burdett, Smith & Co., Troy, N. Y.
Thos. Carlin's Sons, Allegheny Pa.
Channon & Emery Stone Co., Quincy, Ill.
S. Cheney & Son, Manlius, N. Y.
Chicago & Erie Stove Works, Erie, Pa.
Chas. E. Clark, 235 Newberry Av., Chicago, Ill.
Cleveland Co-operative Stove Co., Cleveland, O.
Collins & Burgie Stove Co., Marengo, Ill.
Comstock-Castle Stove Co., Quincy, Ill.
Concord Axle Co., Penacook, N. H.
P. J. Conroy, Island Road & S. 75th St., Philadelphia, Pa.
Co-operative Foundry Co., Rochester, N. Y.
J. B. & J. M. Cornell, 143 Centre St., New York.
Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Crea, Graham & Co., Pittsburg, Pa.
Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
Danville Stove & Mfg. Co., Danville, Pa.
De Haven & Co., Ltd., Allegheny City, Pa.
Detroit Stove Works, Detroit, Mich.
Ely & Ramsay Co., 247 Water St., New York.
C. Emrich, Columbus, O.
Fales Stove Works, Troy, N. Y.
Fuller & Warren Co., Troy, N. Y.
Graff & Co., Pittsburg, Pa.
Great Western Stove Co., Leavenworth, Kan.
M. Hertenstein & Co., Columbus, O.
Hess, Snyder & Co., Massillon, O.
Highland Foundry Co., 1301 Columbus Av., Boston, Mass.
Holbrook, Merrill & Stetson, San Francisco, Cal.
Indiana Stove Works, Evansville, Ind.
International Heater Co., Utica, N. Y.
Sherman S. Jewett & Co., Buffalo, N. Y.
F. & L. Kahn & Bros., Hamilton, O.
Kent & Stuchfield, Denver, Col.
Lebanon Stove Works, Lebanon, Pa.
Leibrandt & McDowell Stove Co., Baltimore, Md.
Lithgow Mfg. Co., Louisville, Ky.
Littlefield Stove Co., Albany, N. Y.
Magee Furnace Co., 30 Union St., Boston, Mass.
Michigan Stove Co., Detroit, Mich.
W. W. Montague & Co., San Francisco, Cal.
J. L. Mott Iron Works, 90 Beekman St., New York.
Mount Penn Stove Works, Reading, Pa.
Eugene Munsell & Co., 218 Water St., New York.
J. S. & M. Peckham Co., Utica, N. Y.
Peerless Mfg. Co., Louisville, Ky.
Peninsular Stove Co., 79 Wabash Av., Chicago, Ill.
Phillips & Clark Stove Co., Geneva, N. Y.
Pittston Stove Co., Pittston, Pa.
Portland Stove Foundry Co., Portland, Me.
Rathbone, Sard & Co., Albany, N. Y.
Reading Stove Works, Reading Pa.
Wm. Resor & Co., State Av., Cincinnati, O.
Riter-Conly Co., Pittsburg, Pa.
Scanlon & Co., Louisville, Ky.
Isaac A. Sheppard & Co., 1801 N. 4th St., Philadelphia, Pa.
Shinnick, Woodside & Gibbons Mfg. Co., Zanesville, O.
Silsby Stove & Queensware Co., Springfield, Mo.
Sill Stove Works, Rochester, N. Y.
Southard, Robertson & Co., 21 Peck Slip, New York.
Southern Stove Works, Evansville, Ind.
James Spear Stove & Heating Co., 1014 Market, Phila., Pa.
Spicer Stove Co., Providence, R. I.
Stamford Foundry Co., Stamford, Conn.
Stratton & Terstegge, Louisville, Ky
Sutton Bros. & Bell, Indiana, Pa.
Swinton & Co., Port Jervis, N. Y.
Tamaqua Mfg. Co., Tamaqua, Pa.
Taplin, Rice & Co., Akron, O.
Townley Stove Co., Terre Haute, Ind.
Union Stove Works, 70 Beekman St., New York.
J. Van Wormer & Co., Albany, N. Y.
Victor Stove Co., Salem, O.
Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.
Weir Stove Co., Taunton, Mass.
A. Weiskittel & Son, Baltimore, Md.

Western Stove Mfg. Co., 1118 Olive St., St. Louis, Mo.
H. Wetter Mfg. Co., Memphis, Tenn.
Thos. White Stove Co., Quincy, Ill.
Wood & Bishop Co., Bangor, Me.
Yeager-Hunter Spring City Stove Works, Spring City, Pa.

A. BRASS FOUNDERS' STOVES.
S. Obermayer Co., Cincinnati, O.

B. CHARCOAL STOVES.
Lithgow Mfg. Co., Louisville, Ky.

C. COOKING STOVES.
Bergstrom Bros. & Co., Neenah, Wis.
Great Western Stove Co., Leavenworth, Kan.
Hess, Snyder & Co., Massillon, O.
Keeley Stove Co., Lancaster, Pa.
Lebanon Stove Works, Lebanon, Pa.
F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.

D. DAIRY STOVES.
Detroit Stove Works, 1320 Jefferson Av., Detroit, Mich.
Fuller & Warren Co., Troy, N. Y.
Indiana Stove Works, Evansville, Ind.
Lithgow Mfg. Co., Louisville, Ky.
J. S. & M. Peckham Co., Utica, N. Y.
Rathbone, Sard & Co., Albany, N. Y.

E. FARMERS' STOVES.
Avery Planter Co., Peoria, Ill.
Indiana Stove Works, Evansville, Ind.
Lithgow Mfg. Co., Louisville, Ky.
Rathbone, Sard & Co., Albany, N. Y.

F. GASOLINE STOVES.
George M. Clark & Co., 72 Lake St., Chicago, Ill.
Dangler Stove Mfg. Co., Cleveland, O.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Monarch Stove & Mfg. Co., Mansfield, O.

G. GAS STOVES.
Adams & Westlake Co., Ont. & N. Franklin Sts., Chic., Ill.
Albany Foundry Co., Albany, N. Y.
American Gas Furnace Co., 23 John St., New York.
Bryan Mfg. Co., 210 N. Liberty St., Baltimore, Md.
George M. Clark & Co., 72 Lake St., Chicago, Ill.
Collins & Burgie Stove Co., Marengo, Ill.
Dangler Stove Mfg. Co., Cleveland, O.
Detroit Heating & Lighting Co., Detroit, Mich.
Griswold Mfg. Co., Erie, Pa.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
F. & L. Kahn & Bros., Hamilton, O.
Monarch Stove & Mfg. Co., Mansfield, O.
Eugene Munsell & Co., 218 Water St., New York.
Rubel & Co., 82 Lake St., Chicago, Ill.
A. Schultz & Co., 1016 E. Baltimore St., Baltimore, Md.
Standard Lighting Co., Perkins Av., Cleveland, O.
A. Weiskittel & Son, Baltimore, Md.

H. HOT BLAST STOVES.
Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Detroit Stove Works, 1320 Jefferson Av., Detroit, Mich.
Phila. Engineer. Works, Miffin & Meadow Sts., Phila., Pa.
W. B. Pollock & Co., Youngstown, O.
Riter-Conly Co., Pittsburg, Pa.
James P. Witherow Co., Pittsburg, Pa.

I. LAUNDRY STOVES.
Belleville Stove Works, Belleville, Ill.
Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Detroit Stove Works, 1320 Jefferson Av., Detroit, Mich.
Ely & Ramsay Co., 247 Water St., New York.
Fuller & Warren Co., Troy, N. Y.
Hess, Snyder & Co., Massillon, O.
F. L. Kahn & Bros., Hamilton, O.
Lithgow Mfg. Co., Louisville, Ky.
Magee Furnace Co., 30 Union St., Boston, Mass.
Michael Mahony, Troy, N. Y.
Eugene Munsell & Co., 218 Water St., New York.
Mount Penn Stove Works, Reading, Pa.
Reading Stove Works, Reading, Pa.
Isaac A. Sheppard & Co., 4th & Montgomery Av., Phila., Pa.
D. R. Sperry & Co., Batavia, Ill.
Union Stove Works, 70 Beekman St., New York.
Jno. Van Range Co., 419 Elm St., Cincinnati, O.
Horace E. Walker, 17 Union St., Boston, Mass.

J. OIL LAMP STOVES.
Nicol & Co., 55 W. Washington St., Chicago, Ill.
Wellington Mfg. Co., 468 Cherry St., New York.

K. OIL STOVES.
Adams & Westlake Co., Ont. & N. Franklin Sts., Chic., Ill.
Albany Foundry Co., Albany, N. Y.
Barstow Stove Co., Providence, R. I.
Geo. Chase, 388 E. 107th St., New York.
George M. Clark & Co., 72 Lake St., Chicago, Ill.

Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Dangler Stove Mfg. Co., Cleveland, O.
R. E. Dietz Co., 60 Laight St., New York.
Ely & Ramsay Co., 247 Water St., New York.
F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
Michigan Stove Co., Detroit, Mich.
Monarch Stove & Mfg. Co., Mansfield, O.
Eugene Munsell & Co., 218 Water St., New York.
Novelty Mfg. Co., Jackson, Mich.
Standard Lighting Co., Perkins Av., Cleveland, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Union Stove Works, 70 Beekman St., New York.
Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
A. Weiskittel & Son, Baltimore, Md.

L. OIL STOVES, CHEMISTS'. Primus Co., 197 Fulton St., New York.

M. OPEN GRATE STOVES. Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Detroit Stove Works, 1320 Jefferson Av., Detroit, Mich.
Fuller & Warren Co., Troy, N. Y.

N. PARLOR STOVES. Burdett, Smith & Co., Troy, N. Y.
Chicago & Erie Stove Works, Erie, Pa.
Chicago Stove Works, W. 22d St., Chicago, Ill.
Culter & Proctor Stove Co., Peoria, Ill.
Detroit Stove Works, Detroit, Mich.
Ely & Ramsay Co., 247 Water St., New York.
Estate of Philo. D. Beckwith, Dowagiac, Mich.
Favorite Stove & Range Co., Piqua, O.
Fuller & Warren Co., Troy, N. Y.
Highland Foundry Co., Boston, Mass.
Littlefield Stove Co., Albany, N. Y.
Magee Furnace Co., Boston, Mass.
Michigan Stove Co., Detroit, Mich.
Mount Penn Stove Works, Reading, Pa.
Eugene Munsell & Co., 218 Water St., New York.
J. S. & M. Peckham Co., Utica, N. Y.
Peninsular Stove Co., 162 W. Van Buren St., Chicago, Ill.
Pittston Stove Co., Pittston, Pa.
Rathbone, Sard & Co., Albany, N. Y.
Reading Stove Works, Reading, Pa.
Richardson & Boynton Co., 232 Water St., New York.
Richmond Stove Co., Norwich, Conn.
Union Stove Works, 70 Beekman St., New York.
Weir Stove Co., Taunton, Mass.

O. POCKET ALCOHOL STOVES. Thos. W. Houchin Co., 67 Park Place, New York.

P. RAILWAY STOVES. Buda Foundry & Mfg. Co., Harvey, Ill.

Q. SOAP STONE STOVES. Williams & Co., Nashua, N. H.

R. STREET CAR STOVES. Detroit Stove Works, Detroit, Mich.

S. TILE STOVES. Low Art Tile Co., Chelsea, Mass.

T. VAPOR STOVES. Adams & Westlake Co., Ont. & N. Franklin Sts., Chic., Ill.
Geo. M. Clark & Co., 72 Lake St., Chicago, Ill.
Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
Gilbert & Barker Mfg. Co., Springfield, Mass.
Michael Mahony, Troy, N. Y.
Eugene Munsell & Co., 218 Water St., New York.
Primus Co., 197 Fulton St., New York.
Rathbone, Sard & Co., Albany, N. Y.
Ringen Stove Co., 414 N. Broadway, St. Louis, Mo.
Standard Lighting Co., Perkins Av., Cleveland, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Wellington Mfg. Co., 468 Cherry St., New York.

U. WOOD STOVES. Belleville Stove Works, Belleville, Ill.
Bergstrom Bros. & Co., Neenah, Wis.
Buda Iron Works, Buda, Ill.
Chicago & Erie Stove Works, Erie, Pa.
Cleveland Co-operative Stove Co., Cleveland, O.
Abram Cox Stove Co., 303 Builders Exchange, Phila., Pa.
Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
Detroit Stove Works, Detroit, Mich.
A. B. Fales, Troy, N. Y.
Favorite Stove & Range Co., Piqua, O.
Fuller & Warren Co., Troy, N. Y.
Indiana Stove Works, Evansville, Ind.
F. L. Kahn & Bros., Hamilton, O.
F. H. Lawson Co., Cincinnati, O.
Lithgow Mfg. Co., Louisville, Ky.
Littlefield Stove Co., Albany, N. Y.

Magee Furnace Co., Boston, Mass.
Michigan Stove Co., Detroit, Mich.
Eugene Munsell & Co., 218 Water St., New York.
Peninsular Stove Co., 162 W. Van Buren St., Chicago, Ill.
Rathbone, Sard & Co., Albany, N. Y.
Reading Stove Works, Reading, Pa.
Richmond Stove Co., Norwich, Conn.
Isaac A. Sheppard & Co., 1801 N. 4th St., Philadelphia, Pa.
Weir Stove Co., Taunton, Mass.

830. STOVE STANDS. Troy Nickel Works, Albany, N. Y.

831. STOVE TONGS. Troy Nickel Works, Albany, N. Y.

832. WOOD HOLDERS.

A. BRASS WOOD HOLDERS. Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Gould-Mersereau Co., 259 Canal St., New York.
Wm. H. Jackson & Co., 860 Broadway, New York.
F. H. Palmer Mfg. Co., 97 Water St., New York.
Pittsburg Brass Co., Pittsburg, Pa.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

B. RATTAN WOOD HOLDERS. Heywood Bros. & Wakefield Co., Gardner, Mass.
Selcer & Son, New York.
Sperling Bros., 354 3d Av., New York.

XIX. HORSE GOODS AND SADDLERY.

833. BITS, BRIDLE. Jos. Baldwin & Co., Newark, N. J.
August Buermann, Newark, N. J.
Colton Mfg. Co., Montpelier, Vt.
Eberhard Mfg. Co., Cleveland, O.
Elbel & Co., Canton, O.
W. & E. T. Fitch Co., New Haven, Conn.
Frazer & Jones Co., Syracuse, N. Y.
Imperial Bit & Snap Co., Racine, Wis.
Kuehnhold Mfg. Co., Newark, N. J.
H. B. Maxwell, Rome, N. Y.
H. W. Minnemeyer & Co., Pittsburg, Pa.
Peters Harness & Saddlery Co., Newark, N. J.
Racine Malleable Wrought Iron Co., Racine, Wis.
Sargeant Mfg. Co., Newark, N. J.
John C. Schmidt & Co., York, Pa.
Tuttle & Clark, Detroit, Mich.

A. CHECK BITS. North & Judd Mfg. Co., New Britain, Conn. *32

B. CURB BITS. Elbel & Co., Canton, O.
Peters Harness & Saddlery Co., Newark, N. J.
Racine Malleable & Wrought Iron Co., Racine, Wis.
John C. Schmidt & Co., York, Pa.

C. LEATHER COVERED BITS. Imperial Bit & Snap Co., Racine, Wis.

D. MILITARY BITS. Elbel & Co., Canton, O.

E. PNEUMATIC BITS. Detroit Horse Goods Co., Detroit, Mich.

F. RACE BITS. North & Judd Mfg. Co., New Britain, Conn. *32

G. RING BITS. North & Judd Mfg. Co., New Britain, Conn. *32

H. RUBBER COVERED BITTS. Imperial Bit & Snap Co., Racine, Wis.
O. B. North & Co. New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32

I. SAFETY BRIDLE BITS. Wm. Van Arsdale, Racine, Wis.

J. SNAFFLE BITS. Elbel & Co., Canton, O.
O. B. North & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.

834. BLINDS, HARNESS. Butler & Ward Co., 226 Halsey St., Newark, N. J.
Frazer & Jones Co., Syracuse, N. Y.
Gilliam Mfg. Co., Canton, O.
W. H. Hoover, New Berlin, O.
Perforated Pad Co., Woonsocket, R. I.
Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
Peters Harness & Saddlery Co., Newark, N. J.
Studebaker Bros. Mfg. Co., South Bend, Ind.

835. BREAST STRAP SLIDES. North & Judd Mfg. Co., New Britain, Conn. *32

E. C. Stearns & Co., Syracuse, N. Y.

836. BREECHING LOOPS.
Butler & Ward Co., Newark, N. J.
Elbel & Co., Canton, O.
O. B. North & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

837. BRIDLES.
H. B. Brandon, Gainesville, Ga.
O. F. Day, Son & Co., Baltimore, Md.
P. Hayden Saddlery Hdw. Co., 510 Main St., St. Louis, Mo.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Wm. Homann Saddlery Co., 716 N. 4th St., St. Louis, Mo.
Indianapolis Harness Co., Indianapolis, Ind.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
J. B. Schott Saddlery Co., Quincy, Ill.
Whitman Saddle Co., 118 Chambers St., New York.

A BRIDLE CHECKS.
H. B. Maxwell, Rome, N. Y.
Peters Harness & Saddlery Co., Newark, N. J.

B. BRIDLE FRONTS.
Butler & Ward Co., Newark, N. J.
Frazer & Jones Co., Syracuse, N. Y.
W. H. Hoover, New Berlin, O.
Studebaker Bros. Mfg. Co., South Bend, Ind.

C. BRIDLE ROSETTES.
American Ring Co., Waterbury, Conn.
Duranoid Mfg. Co., Newark, N. J.
Grilley Co., New Haven, Conn.
Harbison & Gathright, Louisville, Ky.
Nashville Saddlery Co., Nashville, Tenn.
Peters Harness & Saddlery Co., Newark, N. J.
Plume & Atwood Mfg. Co., Waterbury, Conn.

D. PLOW BRIDLES.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.

E. RIDING BRIDLES.
P. J. Buckley, 1014 Jefferson St., Philadelphia, Pa.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
A. Hayden Saddlery Hdw. Co., 51 N. Main St., St. Louis, Mo.
Wm. Homann Saddlery Co., 716 N. 4th St., St. Louis, Mo.
Nashville Saddlery Co., Nashville, Tenn.
Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
Peters Harness & Saddlery Co., Newark, N. J.

F. WEB BRIDLES.
Buffalo Weaving Co., Buffalo, N. Y.

838. BUCKLE LOOPS.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., 1012 Wade St., Cincinnati, O.
Higgin Mfg. Co., 5th St. & Washington Av., Newport, Ky.
Monarch Carriage Goods Co., Cincinnati, O.
O. B. North & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.

839. BUCKLES, HARNESS.
W. H. Chapman & Co., Middletown, Conn.
C. Cowles & Co., New Haven, Conn.
Eberhard Mfg. Co., Cleveland, O.
Elbel & Co., Canton, O.
W. & E. T. Fitch Co., New Haven, Conn.
F. W. Grossner, 392 Bank St., Newark, N. J.
Metal Stamping Co., 386 W. Broadway, New York.
H. W. Minnemeyer & Co., Pittsburg, Pa.
Geo. D. Mosher, Shelton, Conn.
O. B. North Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32
Sargeant Mfg. Co., Newark, N. J.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

840. BUCKLE SHIELDS.
F. D. Behrens & Co., Cincinnati, O.

841. CHAINS, HARNESS.
Bridgeport Chain Co., Bridgeport, Conn. *32
Covert Mfg. Co., W. Troy, N. Y.
P. Hayden Saddlery Hardware Co., Columbus, O.
Nes Chain Mfg. Co., York, Pa.
Oneida Community, Ltd., Oneida, N. Y.
John C. Schmidt & Co., York, Pa.
Trenton Iron Co., Trenton, N. J.

A. BREAST CHAINS.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Nes Chain Mfg. Co., York, Pa.
John C. Schmidt & Co., York, Pa.

B. CART BACK CHAINS.
Covert Mfg. Co., W. Troy, N. Y.
John C. Schmidt & Co., York, Pa.

C. CURB CHAINS.
North & Judd Mfg. Co., New Britain, Conn. *32

D. DETACHABLE DRIVE CHAINS.
Ewart Mfg. Co., 1530 Monadnock Bldg., Chicago, Ill.
Jeffrey Mfg. Co., Columbus, O.

E. HALTER CHAINS.
Bridgeport Chain Co., Bridgeport, Conn. *32

Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Elbel & Co., Canton, O.
Oliver S. Judd, New Britain, Conn.
Nes Chain Mfg. Co., York, Pa.
Oneida Community, Ltd., Oneida, N. Y.
John C. Schmidt & Co., York, Pa.
Trenton Iron Co., Trenton, N. J.
Ira F. White & Son, 76 Park Place, New York.

F. HEEL CHAINS.
Covert Mfg. Co., W. Troy, N. Y.
Nes Chain Mfg. Co., York, Pa.
Jno. C. Schmidt & Co., York, Pa.

G. HITCHING CHAINS.
Bridgeport Chain Co., Bridgeport, Conn. *32
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
J. Herbertson's Sons, Cadwallader, Pa.
Oliver S. Judd, New Britain, Conn.
Nes Chain Mfg. Co., York, Pa.
John C. Schmidt, York, Pa.

H. REIN CHAINS.
Bridgeport Chain Co., Bridgeport, Conn. *32
Covert Mfg. Co., W. Troy, N. Y.
Nes Chain Mfg. Co., York, Pa.
North & Judd Mfg. Co., New Britain, Conn. *32
John C. Schmidt & Co., York, Pa.

I. TRACE CHAINS.
Bridgeport Chain Co., Bridgeport, Conn. *32
Covert Mfg. Co., W. Troy, N. Y.
H. P. Nail Co., Cleveland, O.
Nes Chain Mfg. Co., York, Pa.
Peters Harness & Saddlery Co., Newark, N. J.
John C. Schmidt & Co., York, Pa.

J. WAGON CHAINS.
Baker Chain & Wagon Iron Mfg. Co., Allegheny, Pa.
J. B. Carr & Co., Troy, N. Y.
Cleveland Hardware Co., Cleveland, O.
H. P. Nail Co., Cleveland, O.
Nes Chain Mfg. Co., York, Pa.
John C. Schmidt & Co., York, Pa.
Trenton Iron Co., Trenton, N. J.

842. CINCHAS.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
Peters Harness & Saddlery Co., Newark, N. J.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.

843. CRUPPERS.
Dayton Loop & Crupper Mfg. Co., Dayton, O.
J. Graf Crupper Co., Charlestown, Ind.
Peters Harness & Saddlery Co., Newark, N. J.
Smith, Worthington & Co., 40 Warren St., New York.

844. CURRY CARDS.
John Campbell, Manchester, N. H.
Sargent & Co., New Haven, Conn.
L. S. Watson Mfg. Co., Leicester, Mass.

845. CURRY COMBS.
A. & E. Burton & Co., 21 Exchange St., Boston, Mass.
Covert Mfg. Co., W. Troy, N. Y.
L. M. De Vore & Co., Freeport, Ill.
W. & E. T. Fitch Co., New Haven, Conn.
Gibbs Mfg. Co., Canton, O.
Samuel H. Harman, Bloomsberg, Pa.
Edward S. Hotchkiss, Bridgeport, Conn.
Wm. P. Kellogg, Troy, N. Y.
F. E. Kohler & Co., Canton, O.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Landers, Frary & Clark, New Britain, Conn.
C. L. Nesmith, Washington, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Peters Harness & Saddlery Co., Newark, N. J.
Southington Cutlery Co., Southington, Conn.
Spring Curry Comb Co., South Bend, Ind.
Stover Mfg. Co., Freeport, Ill.

A. MANE COMBS.
Covert's Saddlery Works, Farmer, N. Y.
Wm. P. Kellogg, Troy, N. Y.
Landers, Frary & Clark, New Britain, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32

B. RUBBER CURRY COMBS.
Goodyear Rubber Co., 787 Broadway, New York.

C. WOODEN CURRY COMBS.
Holgate Bros. Co., Kane, Pa.

846. DRESSING, SADDLERY.

A. CARRIAGE TOP DRESSING.
Acme White Lead & Color Works, Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
Germania Tool Co., Detroit, Mich.
Frank Miller Co., 349 W. 26th St., New York.
Rockford Neck Yoke Works, Rockford, Ill.

C. E. Sovereign, Rockford, Ill.
L. M. West Mfg. Co., Rockford, Ill.
World Refining Co., Easton, Pa.

B. HARNESS DRESSING.
Egyptian Chemical Co., 15 Foster's Wharf, Boston, Mass.
Germania Oil Co., Detroit, Mich.
Martell Co., 225 Dearborn St., Chicago, Ill.
Frank Miller Co., 349 W. 26th St., New York.
William F. Nye, New Bedford, Mass.
Peters Harness & Saddlery Co., Newark, N. J.
Chas. C. Richmond & Co., 8 Central Wharf, Boston, Mass.
C. E. Sovereign, Rockford, Ill.
A. Viscal Co., E. Cambridge, Mass.
L. M. West Mfg. Co., Rockford, Ill.
Samuel A. White, 120 Milk St., Boston, Mass.

C. HARNESS SOAP.
Germania Oil Co., Detroit, Mich.
Lovell & Tracy Oil Co., Hartford, Conn.
Frank Miller Co., 349 W. 26th St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
L. M. West Mfg. Co., Rockford, Ill.

847. DRIVING REINS.
P. J. Buckley, 1014 Jefferson St., Philadelphia, Pa.
Covert Mfg. Co., W. Troy, N. Y.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
Peters Harness & Saddlery Co., Newark, N. J.

A. REIN SLIDES.
North & Judd Mfg. Co., New Britain, Conn. *32

848. FEED BAGS.
R. A. Humphrys, 1015 Ridge Av., Philadelphia, Pa.
Iroquois Mfg. Co., Springfield, Mass.
John F. McHugh, 226 W. 30th St., New York.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.

849. HALTERS.
Buckeye Harness & Leather Co., Columbus, O.
Buffalo Weaving Co., Buffalo, N. Y.
M. G. Curtis & Co.. Troy, N. Y.
A. Hayden Saddlery Hardware Co., Main St., St., Louis, Mo.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Wm. Homann Saddlery Co., 716 N. 4th St., St. Louis, Mo.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
H. F. Osborne Co., Newark, N. J.
Peerless Mfg. Co., Winterset, Iowa.
Peters Harness & Saddlery Co., Newark, N. J.
Russell Mfg. Co., Middleton, Conn.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.

A. BRIDLE HALTERS.
Buckeye Harness & Leather Co.. Columbus, O.
John C. Lighthouse, Rochester, N. Y.
H. F. Osborne & Co., Newark, N. J.
Peters Harness & Saddlery Co., Newark, N. J.
Elbel & Co., Canton, O.

B. HALTER LOOPS & RINGS.
North & Judd Mfg. Co., New Britain, Conn. *32

C. LEATHER HALTERS.
Edward Barnard, Rome, N. Y.
Chicago Rawhide Mfg. Co., 77 S. Ohio St., Chicago, Ill.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
M. G. Curtis & Co., Troy, N. Y.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Fraser & Jones Co., Syracuse N. Y.
Holyoke Belting Co., Holyoke, Mass.
Peters Harness & Saddlery Co., Newark, N. J.

D. ROPE HALTERS.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
Peters Harness & Saddlery Co., Newark, N. J.

E. WEB HALTERS.
Edward Barnard, Rome, N. Y.
P. J. Buckley, 1014 Jefferson St., Philadelphia, Pa.
Buffalo Weaving Co., Buffalo, N. Y.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Curtis & Co., Troy, N. Y.
Peters Harness & Saddlery Co., Newark, N. J.
Weaver, Bardall Co.. Moundsville, W. Va.

850. HALTER TRIMMINGS.
Covert Mfg. Co., W. Troy, N. Y.
Elbel Co., Canton, O.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32
Pratt & Letchworth, Buffalo, N. Y.

A. HALTER BOLTS.
North & Judd Mfg. Co., New Britain, Conn. *32

B. HALTER CLIPS.
O. B. North & Co., New Haven, Conn.

851. HAMES.

American Bit Co., Newark, N. J.
Chas. E. Berry, Cambridgeport Mass.
A. A. Boyd, Auburn, N. Y.
Consolidated Hame Co., Andover, N. H.
J. A. De Armond Mfg. Co., Cincinnati, O.
Eberhard Mfg. Co., Cleveland, O.
Elbel & Co., Canton, O.
F. W. Grossner, 392 Bank St., Newark, N. J.
Nixdorff-Krein Mfg. Co., 900 Howard St., St. Louis, Mo.
Peters Harness & Saddlery Co., Newark, N. J.
Pratt & Letchworth, Buffalo, N. Y.
Sargeant Mfg. Co., Newark, N. J.
Wm. Wilcox Mfg. Co., Middletown, Conn.
Geo. Wise, Jeddo, Pa.

A. DOG & GOAT HAMES. Elbel & Co., Canton, O.

B. HAME BACKS & HALF OVALS. Wm. Clark Sons Co., Pittsburg, Pa.

C. HAME CLIPS. Covert's Saddlery Works, Farmer, N. Y.
North & Judd Mfg. Co., New Britain, Conn. *32
Elbel & Co., Canton, O.

D. HAME FASTENERS. Elbel & Co., Canton, O.

E. HAME LOCKETS. Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

F. HAME LOOPS. Elbel & Co., Canton, O.

G. HAME RIVETS. American Screw Co., Providence. R. I.
Atlas Tack Corporation, Taunton, Mass.
Grillery Co., New Haven, Conn.

H. HAME STAPLES. North & Judd Mfg. Co., New Britain, Conn. *32

L. HAME STRAP ATTACHMENTS. Peters Harness & Saddlery Co., Newark, N. J.

J. HAME STRAPS. Chicago Rawhide Mfg. Co., 77 Ohio St., Chicago Ill.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Elbel & Co., Canton, O.
Peters Harness & Saddlery Co., Newark, N. J.

K. HAME STRINGS. Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
Page Belting Co., Concord, N. H.

L. HAME TIPS. Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

M. HAME TRIGS. J. Lonn & Sons Co., La Porte, Ind.

N. HAME TRIMMINGS. Consolidated Hame Co., Andover, N. H.

O. HAME TUGS. Buckeye Hame Tug Co., 12 E. 3d St., Cincinnati, O.
Dienhart Harness Co., Lafayette, Ind.
Elbel & Co., Canton, O.
J. Lonn & Sons Co., La Porte, Ind.
Peters Harness & Saddlery Co., Newark, N. J.

P. IRON HAMES. Consolidated Hame Co., Andover, N. H.
Frazer & Jones Co., Syracuse, N. Y.
F. W. Grossner, 392 Bank St., Newark, N. J.
H. W. Minnemeyer & Co., Pittsburg, Pa.

Q. SCOTCH HAMES. F. W. Grossner, 392 Bank St., Newark, N. J.

R. STEEL HAMES. Todd Mfg. Co., New Albany, Ind.
United Hame Co., Buffalo, N. Y.

S. TUBULAR HAMES. F. W. Grossner, 392 Bank St., Newark, N. J.

T. WOOD HAMES. Bingham Harness Co., Rome, N. Y.
Consolidated Hame Co., Andover, N. H.
Frazer & Jones Co., Syracuse, N. Y.
Peters Harness & Saddlery Co., Newark, N. J.
United Hame Co., Buffalo, N. Y.

852. HARDWARE, SADDLERY.

Akron Hardware & Stamping Co., Akron, O.
Jos. Baldwin & Co., Newark, N. J.
A. A. Boyd, Auburn, N. Y.
August Buerman, Newark, N. J.
W. H. Chapman Co., Middletown, Conn.
Chapman Mfg. Co., Meriden, Conn.
J. S. Crane Carriage Hardware Co., Newark, N. J.
Des Moines Saddlery Co., Des Moines, Iowa.
Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
Eberhard Mfg. Co., Cleveland, O.
Elbel & Co., Canton, O.
W. & E. T. Fitch Co., New Haven, Conn.
Frazer & Jones Co., Syracuse, N. Y.
Gilliam Mfg. Co., Canton, O.
F. W. Grossner, 392 Bank St., Newark, N. J.
O. B. North & Co., New Haven, Conn.
H. W. Minnemeyer & Co., Pittsburg, Pa.

A. BELT LOOPS.	North & Judd Mfg. Co., New Britain, Conn.	*32
B. BLANKET LOOPS.	North & Judd Mfg. Co., New Britain, Conn.	*32
C. BLANKET SLIDES.	North & Judd Mfg. Co., New Britain, Conn.	*32
D. LOOP SCREW EYES.	North & Judd Mfg. Co., New Britain, Conn.	*32
E. SNUFFLES.	North & Judd Mfg. Co., New Britain, Conn.	*32
F. STRAP BUCKLE SNAPS.	North & Judd Mfg. Co., New Britain, Conn.	*32
G. TRACE LOOPS.	North & Judd Mfg. Co., New Britain, Conn.	*32
	Peters Harness & Saddlery Co., Newark, N. J.	
	Racine General Mfg. Co., Racine, Wis.	*27
	Sargeant Mfg. Co., Newark, N. J.	
	Waterbury Mfg. Co., Waterbury, Conn.	
	Wiener & Co., Newark, N. J.	
853. HARNESS.	Bona Allen, Buford, Ga.	
	Henry Aschenbach, 71 Warren St., New York.	
	Edward Barnard, Rome, N. Y.	
	Becker & Wickser Co., Buffalo, N. Y.	
	Bingham Harness Co., Rome, N. Y.	
	Chicago Scale Co., 296 Jackson Boulevard, Chicago, Ill.	
	Cortland Leather Goods Co., Cortland, N. Y.	
	Curd & Sinton Mfg. Co., Louisville, Ky.	
	O. F. Day, Son & Co., Baltimore, Md.	
	Des Moines Saddlery Co., Des Moines, Iowa.	
	Dienhart Harness Co., Lafayette, Ind.	
	Dubuque Harness & Saddlery Co., Dubuque, Iowa.	
	J. F. Goodrich & Co., New Haven, Conn.	
	Graf, Morsbach & Co., Freeman Av., Flint St., Cincinnati, O.	
	Wm. S. Hansell & Son, 306 Market St., Philadelphia, Pa.	
	Harbison & Gathright, Louisville, Ky.	
	P. R. L. Hardenbergh & Co., Wacouta & 8th, St. Paul, Minn.	
	J. S. Harley, Quakerstown, Pa.	
	P. Hayden Saddlery Hardware Co., 510 Main, St. Louis, Mo.	
	Henry Heideman, 419 N. 6th St., St. Louis, Mo.	
	James R. Hill & Co., Concord, N. H.	
	Wm. Hormann Saddlery Co., 716 N. 4th St., St. Louis, Mo.	
	Indianapolis Harness Co., Indianapolis, Ind.	
	Geo. De B. Keim Saddlery Co., 610 Market St., Phila., Pa.	
	King Harness Co., Owego, N. Y.	
	D. M. Lane's Sons, 3432 Market St., Philadelphia, Pa.	
	J. Lonn & Sons Co., La Porte, Ind.	
	Lowell Harness & Collar Co., Lancaster, Pa.	
	Meyer, Bannermann & Co., 6th & Lucas Sts., St. Louis, Mo.	
	Nashville Saddlery Co., Nashville, Tenn.	
	Niagara Harness Factory, 61 Terrace, Buffalo, N. Y.	
	Perkins-Campbell Co., 622 Broadway, Cincinnati, O.	
	Peters Harness & Saddlery Co., Newark, N. J.	
	Wm. D. Rogers Son & Co., 329 N. Broad St., Phila., Pa.	
	T. W. Rounds Co., 101 N. Main St., Providence, R. I.	
	J. B. Schott Saddlery Co., Quincy, Ill.	
	C. Schumann & Co., Chicago, Ill.	
	Staver Carriage Co., 76th & Wallace Sts., Chicago, Ill.	
	Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.	
	Tompkins & Mandeville, Newark, N. J.	
	Willemsen Belting Co., 205-217 Destraham St., St. Louis, Mo.	
A. HARNESS COVERING.	Jewell Pad Co., Hartford, Conn.	
	Peters Harness & Saddlery Co., Newark, N. J.	
B. WEB HARNESS.	Buffalo Weaving Co., Buffalo, N. Y.	
854. HARNESS MOUNTINGS.	O. F. Day, Son & Co., Baltimore, Md.	
	Elbel & Co., Canton, O.	
	W. & E. T. Fitch Co., New Haven, Conn.	
	Walter Greacen & Co., Newark, N. J.	
	H. B. Maxwell, Rome, N. Y.	
	Sargeant Mfg. Co., Newark, N. J.	
	Wiener & Co., Newark, N. J.	
A. BREECHING DEES.	North & Judd Mfg. Co., New Britain, Conn.	*32
B. BREECHING RINGS.	North & Judd Mfg. Co., New Britain, Conn.	*32
C. HARNESS DEES.	Elbel & Co., Canton, O.	
	H. B. Maxwell, Rome, N. Y.	
	O. B. North & Co., New Haven, Conn.	
	North & Judd Mfg. Co., New Britain, Conn.	*32
D. HARNESS EYES.	M. S. Brooks & Sons, Chester, Conn.	
E. HARNESS RINGS.	American Ring Co., Waterbury, Conn.	
	Elbel & Co., Canton, O.	
	Goodrich Hard Rubber Co., Akron, O.	
	O. B. North & Co., New Haven, Conn.	
	North & Judd Mfg. Co., New Britain, Conn.	*32

F. HARNESS RINGS, BONE. W. C. Randolph, 243 Arch St., Philadelphia, Pa.
G. HARNESS RINGS, WOOD. Louis A. Share, Indianapolis, Ind.
H. HARNESS SPOTS. American Ring Co., Waterbury, Conn.
Enterprise Mfg. Co., Akron, O.
Walter Greacen & Co., Newark, N. J.
Standard Rivet Co., 41 Lincoln St., Boston, Mass.
I. HARNESS STUDS. M. S. Brooks & Sons, Chester, Conn.
Landers, Frary & Clark, New Britain, Conn.
O. B. North & Co., New Haven, Conn.
J. IRON RINGS. North & Judd Mfg. Co., New Britain, Conn. *32
K. MARTINGALE RINGS. Arlington Mfg. Co., 475 Broadway, New York.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.
Louis A. Share, 171 Downey St., Indianapolis, Ind.
Wilcox & Howe Co., Birmingham, Conn.
L. RIVET DEES. North & Judd Mfg. Co., New Britain, Conn. *32
M. RUBBER HARNESS RINGS. Rubber & Celluloid Harness Trimming Co., Newark, N. J.

855. HARNESS ORNAMENTS.
American Ring Co., Waterbury, Conn.
Covert Mfg. Co., W. Troy, N. Y.
Enterprise Mfg. Co., Akron, O.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Studebaker Bros. Mfg. Co., South Bend, Ind.
J. V. Waldron & Bros., 34 Warren St., New York.
A. COCKEYE TOGGLES. North & Judd Mfg. Co., New Britain, Conn. *32
B. COCKEYE TRACE HOOKS. North & Judd Mfg. Co., New Britain, Conn. *32
C. HARNESS MONOGRAMS. Chicago Art Metal Works, 67-69 Lake St., Chicago, Ill.
Thos. J. Dunn & Co., 121 Chambers St., New York.
Enterprise Mfg. Co., Akron, O.
Walter Greacen & Co., Newark, N. J.
Studebaker Bros. Mfg. Co., South Bend, Ind.
D. HARNESS PLUMES. Chapman Mfg. Co., Meriden, Conn.
Crane & Breed Mfg. Co., Cincinnati, O.
Taylor & Co., 28 Waverly Place, New York.
E. HARNESS ROSETTES. Enterprise Mfg. Co., Akron, O.
Walter Greacen & Co., Newark, N. J.
Harpham Bros., Lincoln, Neb.
Peters Harness & Saddlery Co., Newark, N. J.
F. SCREW COCKEYES. North & Judd Mfg. Co., New Britain, Conn. *32
G. SHELL ROSETTES. North & Judd Mfg. Co., New Britain, Conn. *32
H. TRIANGULAR COCKEYES. North & Judd Mfg. Co., New Britain, Conn. *32

856. HARNESS TRIMMINGS. John Campbell, Manchester, N. H.
Crandal, Stone & Co., Binghamton, N. Y.
Elbel & Co., Canton, O.
H. W. Minnemeyer & Co., Pittsburg, Pa.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32
Plume & Atwood Mfg. Co., Waterbury, Conn.
Racine General Mfg. Co., Racine, Wis. *27
Rubber & Celluloid Harness Trimming Co., Newark N. J.
Sargeant Mfg. Co.. Newark, N. J.

857. HITCHING HOOKS, PATENT.
I. E. Palmer, Middletown, Conn. *33

858. HITCHING RINGS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
P. & F. Corbin, New Britain, Conn.
E. C. Stearns & Co., Syracuse, N. Y.
Wheeling Hinge Co., Wheeling. W. Va.

859. HITCHING WEIGHTS. John Campbell, Manchester, N. H.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Enterprise Mfg. Co., Akron, O.
Hurlbut Co., Station "A," Racine, Wis.
Victor Knecht, 195 Wade St., Cincinnati, O.

860. HOOF CLEANERS. Humason & Beckley Mfg. Co., New Britain, Conn.
Oliver S. Judd, New Britain, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32

861. HOOF DRESSING. Frank Miller Co., 349 W. 26th St., New York.
World Refining Co., Easton, Pa.
A. HOOF PREPARATION. James B. Campbell & Co., 416 Madison St., Chicago, Ill.
Gladding Oil Co., Newark, N. J.
Scott's Hoof Paste Co., Rochester, N. Y.
J. A. Zibell, 273 Water St., New York.

862. HOOKS, SADDLERY.
A. BOLT HOOKS. O. B. North & Co., New Haven, Conn.
Pratt & Letchworth, Buffalo, N. Y.
B. BREECHING HOOKS. O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32

C. CHECK HOOKS.	Chas. J. Alden, 218 Grand Av., Milwaukee, Wis.	
	Covert Mfg. Co., W. Troy, N. Y.	
	Elbel & Co., Canton, O.	
	Grilley Co., New Haven, Conn.	
	F. W. Grossner, 392 Bank St., Newark, N. J.	
	O. B. North & Co., New Haven, Conn.	
	Pratt & Letchworth, Buffalo, N. Y.	
	Rubber & Celluloid Harness Trimming Co., Newark, N. J.	
	Studebaker Bros. Mfg. Co., South Bend, Ind.	
D. EXPRESS HOOKS.	W. & E. T. Fitch Co., New Haven, Conn.	
	O. B. North & Co., New Haven, Conn.	
	Pratt & Letchworth, Buffalo, N. Y.	
E. OX TUG HOOKS.	North & Judd Mfg. Co., New Britain, Conn.	*32
F. PAD HOOKS.	Pratt & Letchworth, Buffalo, N. Y.	
G. POST HOOKS.	O. B. North & Co., New Haven, Conn.	
H. SNAP HOOKS.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
	Billings & Spencer Co., Hartford, Conn.	
	Covert Mfg. Co., W. Troy, N. Y.	
	John J. Frye, Portland, Me.	
	O. B. North & Co., New Haven, Conn.	
I. STRAP HOOKS.	M. S. Brooks & Sons, Chester, Conn.	
	Elbel & Co., Canton, O.	
	Landers, Frary & Clark, New Britain, Conn.	
J. TRACE HOOKS.	North & Judd Mfg. Co., New Britain, Conn.	*32
K. TUG HOOKS.	Elbel & Co., Canton, O.	
	O. B. North & Co., New Haven, Conn.	
863. HORSE BOOTS.	Becker & Wickser Co., Buffalo, N. Y.	
	P. J. Buckley, 1014 Jefferson St., Philadelphia, Pa.	
	Butler & Ward Co., 226 Halsey St., Newark, N. J.	
	Covert Mfg. Co., W. Troy, N. Y.	
	M. G. Curtis & Co., Troy, N. Y.	
	M. Debatin, St. Louis, Mo.	
	Frazer & Jones Co., Syracuse, N. Y.	
	Gilliam Mfg. Co., Canton, O.	
	Goodyear Rubber Co., 787 Broadway, New York.	
	Henry Heideman, 419 N. 6th St., St. Louis, Mo.	
	Hodgman Rubber Co., 593 Broadway, New York.	
	J. O'Kane, 58 Warren St., New York.	
	Lerch Bros., Baltimore, Md.	
	Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.	
	Perforated Pad Co., Woonsocket, R. I.	
	Peters Harness & Saddlery Co., Newark, N. J.	
	Smith, Worthington & Co., 40 Warren St., New York.	
864. HORSE CLOTHING.	Burlington Blanket Co., Burlington, Wis.	
	Wm. S. Hansell & Sons, 306 Market St., Philadelphia, Pa.	
	Kennedy, Willing & Co., 526 Arch St., Philadelphia, Pa.	
	Peters Harness & Saddlery Co., Newark, N. J.	
A. EAR TIPS.	L. C. Chase & Co., 129 Washington St., Boston, Mass.	
	Albert Kelsey, 83 Reade St., New York.	
	Smith, Worthington & Co., 40 Warren St., New York.	
B. FLY NETS.	Wm. Ayres & Sons, 220 Chestnut St., Philadelphia, Pa.	
	M. W. Bach & Co., Ottawa, Ill.	
	L. C. Chase & Co., 129 Washington St., Boston, Mass.	
	Gem Hammock & Fly Net Co., Milwaukee, Wis.	
	P. R. L. Hardenberg & Co., Wacouta & 8th, St. Paul, Minn.	
	Albert Kelsey, 83 Reade St., New York.	
	Weaver, Bardall Co., Moundsville, W. Va.	
	R. F. Wilson & Co., Milton, Pa.	
C. FLY NETS, LEATHER.	Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.	
	Gem Hammock & Fly Net Co., Milwaukee, Wis.	
	J. S. Harley, Quakertown, Pa.	
	Iroquois Bag & Oil Co., 275 Main St., Springfield, Mass.	
D. HORSE BLANKETS.	Wm. Ayres & Son, 220 Chestnut St., Philadelphia, Pa.	
	Burlington Blanket Co., Burlington, Wis.	
	Geo. De B. Keim Saddlery Co., 610 Market St., Phila., Pa.	
	Jas. Lees & Sons, Bridgeport, Pa.	
	Northern Ohio Blanket Mills, Cleveland, O.	
	Osborne & Burke Co., 69 Barclay St., New York.	
	Peters Harness & Saddlery Co., Newark, N. J.	
	Ray Fabric Mills, Franklin, Mass.	
	J. J. Regan Mfg. Co., Rockville, Conn.	
	Wm. B. Riley & Co., 324-326 Market St., Philadelphia, Pa.	
	Ross Textile Mfg. Co., Madison, Ind.	
	Sanford Mills, Sanford, Me.	
	Troy Blanket Mills, Troy, N. H.	
E. HORSE BLANKET TRIMMINGS.	J. J. Warren Co., 8 Washington Sq., Worcester, Mass.	

F. HORSE COVERS, WATERPROOF.
Wm. Ayres & Sons, 220 Chestnut St. Philadelphia, Pa.
F. Carter Co., Beverly, Mass.
Fairfield Rubber Co., Fairfield, Conn.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
F. J. Kloes, 240 Canal St., New York.
John F. McHugh, 54 W. 31st St., New York.
A. Ortmayer & Son, Inc., 116 Illinois St., Chicago, Ill.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Standard Oiled Clothing Co., E. 152d St., New York.
Stoughton Rubber Co., Boston, Mass.
A. J. Tower, 18 Simmons St., Boston, Mass.

G. HORSE HOODS.
John Campbell, Manchester, N. H.
Goodyear Rubber Co., 787 Broadway, New York.
Albert Kelsey, 83 Reade St., New York.
Peters Harness & Saddlery Co., Newark, N. J.

H. HOUSINGS.
Butler & Ward Co., Newark, N. J.
Gilliam Mfg. Co., Canton, O.
W. H. Hoover, New Berlin, O.
Osborne & Burke Co., 69 Barclay St., New York.
A. Ortmayer & Son, 116 Illinois St., Chicago, Ill.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.
Studebaker Bros. Mfg. Co., South Bend, Ind.

865. HORSE COLLARS.
Bona Allen, Buford, Ga.
Edward Barnard, Rome, N. Y.
Bingham Harness Co., Rome, N. Y.
H. B. Brandon, Gainesville, Ga.
Couch Bros., Senvia, Ga.
Curd & Sinton Mfg. Co., Louisville, Ky.
M. G. Curtis & Co., Troy, N. Y.
O. F. Day, Son & Co., Baltimore, Md.
Des Moines Saddlery Co., Des Moines, Iowa.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Wm. S. Hansell & Sons, 306 Market St., Philadelphia, Pa.
Harbison & Gathright, Louisville, Ky.
P. R. L. Hardenbergh & Co., St. Paul, Minn.
P. Hayden Saddlery Hardware Co., Columbus, O.
Henry Heideman, 419 W. 6th St., St. Louis, Mo.
James R. Hill & Co., Concord, N. H.
Wm. Homann Saddlery Co., 719 N. 4th St., St. Louis, Mo.
W. H. Hoover, New Berlin, O.
Indianapolis Harness Co., Indianapolis, Ind.
King Harness Co., Owego, N. Y.
John C. Lighthouse, Rochester, N. Y.
Lowell Harness & Collar Co., Lancaster, Pa.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo
Niagara Harness Factory, 61 Terrace, Buffalo, N. Y.
A. Ortmayer & Son, 116 Illinois St., Chicago, Ill.
Osborne & Burke Co., 69 Barclay St., New York.
Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
Peters Harness & Saddlery Co., Newark, N. J.
D. Robinsteen & Co., 3021 Liberty Av., Pittsburg, Pa.
J. B. Schott Saddlery Co., Quincy, Ill.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
Ulrich Harness Mfg. Co., Kokomo, Ind.

A. COLLAR COUPLERS.
O. B. North & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.
Pratt & Letchworth, Buffalo, N. Y.

B. MULE COLLARS.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
James R. Hill & Co., Concord, N. H.
Osborne & Burke Co., 69 Barclay St., New York.
Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
Peters Harness & Saddlery Co., Newark, N. J.

C. PATENT LEATHER COLLARS.
John Bea, Newark, N. J.
John Larkin, 98 Murray St., New York.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Winters & Nies, Newark, N. J.

D. STABLE COLLARS.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.

E. SWEAT COLLARS.
E. L. McClain Mfg. Co., Greenfield, O.
Osborne & Burke Co., 69 Barclay St., New York.

Peters Harness & Saddlery Co., Newark, N. J.

866. HORSE MUZZLES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Walnut St., Cinn., O.
P. J. Buckley, 1014 Jefferson St., Philadelphia, Pa.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Wire Goods Co., Worcester, Mass.

867. HORSE REMEDIES.
F. S. Burch & Co., 178 Michigan St., Chicago, Ill.
James B. Campbell & Co., 418 W. Madison St., Chicago, Ill.
Egyptian Chemical Co., Boston, Mass.
Emmert Proprietary Co., 155 W. Wash. St., Chicago, Ill.
Dr. B. J. Kendall Co., Enosburgh Falls, Vt.
F. C. Sturtevant, Hartford, Conn.

868. HORSE TAIL BANDS & TIES.
Covert's Saddlery Works, Farmer, N. Y.
Des Moines Novelty Co., Des Moines, Iowa.
Kilmer & Dill, Montgomery, Pa.
George S. Knapp, 932 North Av., Bridgeport, Conn.
Allen C. Smith, Troy, N. Y.
Tie Company, Unadilla, N. Y.

869. LARIATS.

A. COTTON LARIATS.
Samson Cordage Works, 115 Congress St., Boston, Mass.

B. LARIAT & LASSO RINGS.
Elbel & Co., Canton, O.

C. LINEN LARIATS.
Samson Cordage Works, 115 Congress St., Boston, Mass.

D. RAWHIDE LARIATS.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
Whitman Saddle Co., 118 Chambers St., New York.

870. LEAPING HORNS, SADDLE.
Elbel & Co., Canton, O.

871. NECK YOKES.
E. B. Adams & Son, Racine, Wis.
Aut. Grip Neck Yoke Co., 349 Harding St., Indianapolis, Ind.
Buckeye Mfg. Co., Anderson, Ind.
Cleveland Hardware Co., Cleveland, O.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
J. A. Gleason & Bro., Van Wert, O.
Hartwell Mfg. Co., Huntingburg, Ind.
F. C. Johnson, Kishwaukee, Ill.
Lambertville Spoke Mfg. Co., Lambertville, N. J.
Metal Stamping Co., 386 W. Broadway, New York.
Racine General Mfg. Co., Racine, Wis. *27
Racine Malleable & Wrought Iron Co., Racine, Wis.
Rockford Neck Yoke Works, Rockford, Ill.
E. B. Shields, Hudson, O.
C. E. Sovereign, Rockford, Ill.
Toledo Carriage Woodwork Co., Toledo, O.
Van Wert Spoke & Bend. Works, 318 N. Wall, Van Wert, O.
Winona Wood Rim Co., Winona, Minn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
John J. Wright, Bremen, Ind.

A. NECK YOKE CENTERS.
Cleveland Hardware Co., Cleveland, O.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
C. E. Sovereign, Rockford, Ill.

B. NECK YOKE CLIPS.
Atwater Mfg. Co., Plantsville, Conn.
Cleveland Hardware Co., Cleveland, O.
C. Cowles & Co., New Haven, Conn.

C. NECK YOKE END RODS.
Cleveland Hardware Co., Cleveland, O.

D. NECK YOKE EYES.
Cleveland Hardware Co., Cleveland, O.

E. NECK YOKE LOOPS.
Aut. Grip Neck Yoke Co., 349 Harding, Indianapolis, Ind.

F. NECK YOKE TIPS.
Aut. Grip Neck Yoke Co., 349 Harding, Indianapolis, Ind.
C. Cowles & Co., New Haven, Conn.
Dash & Carriage Goods Co., Cincinnati, O.
Pratt & Letchworth, Buffalo, N. Y.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

872. PADS, SADDLERY.

A. BRIDGE COLLAR PADS.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.

B. COACH PADS.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Frazer & Jones Co., Syracuse, N. Y.
Gilliam Mfg. Co., Canton, O.
W. H. Hoover, New Berlin, O.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.

Sargeant Mfg. Co., Newark, N. J.
J. B. Schott Saddlery Co., Quincy, Ill.
Studebaker Bros. Mfg. Co., South Bend, Ind.
Ulrich Harness Mfg. Co., Kokomo, Ind.

C. COACH PADS, HARD RUBBER.
W. S. Finney, Guthrie, Oklahoma.
Initial Toe Pad Co., Three Rivers, Mich.
L. Kiper & Sons, Congress & Peoria Sts., Chicago, Ill.

D. COLLAR PADS.
Estate of Dexter Curtis, Madison, Wis.
E. L. McClain Mfg. Co., Greenfield, O.
Osborne & Burke Co., 69 Barclay St., New York.
Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
Peters Harness & Saddlery Co., Newark, N. J.
Zinc Collar Pad Co., Buchanan, Mich.

E. FELT PADS.
Chas. N. Bacon, 98 Milk St., Boston, Mass.
Hoosier Sweat Collar Co., Indianapolis, Ind.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Tingue, House & Co., 56 Reade St., New York.

F. GIG PADS.
Peters Harness & Saddlery Co., Newark, N. J.

G. HARNESS PADS.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Gilliam Mfg. Co., Canton, O.
Harbison & Gathright, Louisville, Ky.
P. R. L. Hardenbergh & Co., Wacouta & 8th, St. Paul, Minn.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
James R. Hill & Co., Inc., Concord, N. H.
Wm. Homann Saddlery Co., 716 N. 4th St., St. Louis, Mo.
Hoosier Sweat Collar Co., Indianapolis, Ind.
W. H. Hoover, New Berlin, O.
John C. Lighthouse, Rochester, N. Y.
A. Ortmayer & Son, 116 Illinois St., Chicago, Ill.
Peters Harness & Saddlery Co., Newark, N. J.

H. HORSESHOE PADS.
Mooney Horseshoe Pad Co., 18 Vesey St., New York.
Neverslip Horseshoe Co., 36 India Wharf, Boston, Mass.
Peters Harness & Saddlery Co., Newark, N. J.

I. MEDICATED COLLAR PADS.
Jewell Pad Co., Hartford, Conn.
Zinc Collar Pad Co., Buchanan, Mich.

J. PERFORATED PADS.
Perforated Pad Co., Woonsocket, R. I.
Peters Harness & Saddlery Co., Newark, N. J.

K. RAWHIDE PADS.
Jewell Pad Co., Hartford, Conn.
Peters Harness & Saddlery Co., Newark, N. J.

L. SOLE LEATHER PADS.
Peters Harness & Saddlery Co., Newark, N. J.
Zinc Collar Pad Co., Buchanan, Mich.

M. STRAP SADDLE PADS.
Ulrich Harness Mfg. Co., Kokomo, Ind.

N. SWEAT PADS.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Enterprise Mfg. Co., Akron, O.
James R. Hill & Co., Concord, N. H.
Hoosier Sweat Collar Co., Indianapolis, Ind.
E. L. McClain Mfg. Co., Greenfield, O.
Peters Harness & Saddlery Co., Newark, N. J.

O. SWEAT PADS, CORK.
Enterprise Mfg. Co., Akron, O.
Peters Harness & Saddlery Co., Newark, N. J.

P. SWEAT PADS, HAIR.
H. F. Osborne Co., Newark, N. J.
Peters Harness & Saddlery Co., Newark, N. J.

Q. TEAM PADS.
Dubuque Harness & Saddlery Co., Dubuque, Iowa.
Gilliam Mfg. Co., Canton, O.
W. H. Hoover, New Berlin, O.
Peters Harness & Saddlery Co., Newark, N. J.

R. ZINC COLLAR PADS.
Zinc Collar Pad Co., Buchanan Mich.

873. PAD SCREWS.
Elbel & Co., Canton, O.
Grilley Co., New Haven, Conn.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32
Pratt & Letchworth, Buffalo, N. Y.

874. PICKET PINS.
Covert Mfg. Co., W. Troy, N. Y.
O. B. North & Co., New Haven, Conn.

875. RIDING EQUIPMENTS.
P. Hayden Saddlery Hdw. Co., Columbus, O.
W. Homann Saddlery Co., 116 N. 4th St., St. Louis, Mo.
Osborne & Burke Co., 69 Barclay St., New York.
Whitman Saddle Co., 118 Chambers St., New York.

A. RIDING LEGGINS.
Peters Harness & Saddlery Co., Newark, N. J.
Wm. H. Wiley & Son, Hartford, Conn.

876. SADDLE FITTINGS.

A. SADDLE BAGS.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
H. F. Osborne Co., Newark, N. J.

Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Smith, Worthington & Co., 40 Warren St., New York.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.

B. SADDLE CLIPS.
Atwater Mfg. Co., Plantsville, Conn.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Columbus Bolt Works, Columbus, O.
Richard Eccles, Auburn, N. Y.
Newark Cycle Specialty Co., Newark, N. J.
Peters Harness & Saddlery Co., Newark, N. J.
M. Seward & Son Co., New Haven, Conn.

C. SADDLE CLOTHS.
L. C. Chase & Co., 129 Washington St., Boston, Mass.
Osborne & Burke Co., 69 Barclay St., New York.
Perforated Pad Co., Woonsocket, R. I.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.
Whitman Saddle Co., 118 Chambers St., New York.

D. SADDLE GIRTHS.
Buffalo Weaving Co., Buffalo, N. Y.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Whitman Saddle Co., 118 Chambers St., New York.

E. SADDLE HOUSINGS, FELT.
Chas. N. Bacon, 98 Milk St., Boston, Mass.
Peters Harness & Saddlery Co., Newark, N. J.

F. SADDLE ORNAMENTS.
American Ring Co., Waterbury, Conn.
William Carroll, 124 Chambers St., New York.
O. B. North & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.

G. SADDLE REEDS.
C. Cowles & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.

877. SADDLERY.
A. F. Ball, Springfield, Mass.
Bingham Harness Co., Rome, N. Y.
Curd & Sinton Mfg. Co., Louisville, Ky.
O. F. Day, Son & Co., Baltimore, Md.
Des Moines Saddlery Co., Des Moines, Iowa.
Duguid Saddlery Co., Syracuse, N. Y.
Frazer & Jones Co., Syracuse, N. Y.
Harbison & Gathright, Louisville, Ky.
P. R. L. Hardenbergh & Co., St. Paul, Minn.
P. Hayden Saddlery Hardware Co., Columbus, O.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Wm. Homann Saddlery Co., 716 N. 4th St., St. Louis, Mo.
W. H. Hoover, New Berlin, O.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
Osborne & Burke Co., 69 Barclay St., New York.
Perkins-Campbell Co., Broadway, Cincinnati, O.
Peters Harness & Saddlery Co., Newark, N. J.
J. B. Schott Saddlery Co., Quincy, Ill.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
Willemsen Belting Co., 205 Destrahan St., St. Louis, Mo.

878. SADDLES.
Bona Allen, Buford, Ga.
Beckley-Ralston Co., 178 Lake St., Chicago, Ill.
H. B. Brandon, Gainesville, Ga.
Gilliam Mfg. Co., Canton, O.
Wm. S. Hansell & Sons, 306 Market St., Philadelphia, Pa.
J. Lonn & Sons Co., La Porte, Ind.
Perkins-Campbell Co., Broadway, Cincinnati, O.
Sager Mfg. Co., Rochester, N. Y.
Sims Saddle Co., Canton, N. Y.

A. CART SADDLES.
Holliday & Wyon, Indianapolis, Ind.
W. H. Hoover, New Berlin, O.
Osborne & Burke Co., 69 Barclay St., New York.
H. F. Osborne & Co., Newark, N. J.
Peters Harness & Saddlery Co., 11 Greene St., Newark, N. J.
Standard Coach Pad Co., Wooster, O.

B. COUPÉ SADDLES.
Gilliam Mfg. Co., Canton, O.
Holliday & Wyon, Indianapolis, Ind.
W. H. Hoover, New Berlin, O.
Osborne & Burke Co., 69 Barclay St., New York.
H. F. Osborne & Co., Newark, N. J.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.
Standard Coach Pad Co., Wooster, O.
Studebaker Bros. Mfg. Co., South Bend, Ind.

C. EXPRESS SADDLES.
Frazer & Jones Co., Syracuse, N. Y.
Gilliam Mfg. Co., Canton, O.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.

Holliday & Wyon, Indianapolis, Ind.
Hoosier Sweat Collar Co., Indianapolis, Ind.
Wm. H. Hoover, New Berlin, O.
Jewell Pad Co., Hartford, Conn.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
Nashua Saddlery Hardware Co., Nashua, N. H.
Nashville Saddlery Co., Nashville, Tenn.
Osborne & Burke Co., 69 Barclay St., New York.
H. F. Osborne Co., Newark, N. J.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.
S. Schamber & Sons, Buffalo, N. Y.
Smith Bros., Newark, N. J.
Standard Coach Pad Co., Wooster, O.
Studebaker Bros. Mfg. Co., South Bend, Ind.
Jacob Straus Saddlery Co., 610 N. 6th St., St. Louis, Mo.
J. B. Tener & Son, Sabina, O.

D. GIG SADDLES.
Buckeye Hame Tug Co., 12 E. 3d St., Cincinnati, O.
Frazer & Jones Co., Syracuse, N. Y.
Gilliam Mfg. Co., Canton, O.
I. S. Harley, Quakertown, Pa.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Holliday & Wyon, Indianapolis, Ind.
Hoosier Sweat Collar Co., Indianapolis, Ind.
W. H. Hoover, New Berlin, O.
Jewell Pad Co., Hartford, Conn.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
Nashua Saddlery Hardware Co., Nashua, N. H.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.
J. B. Schott Saddlery Co., Quincy, Ill.
Standard Coach Pad Co., Wooster, O.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
Studebaker Bros. Mfg. Co., South Bend, Ind.

E. GIG SADDLES, HARD RUBBER.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Sargeant Mfg. Co., Newark, N. J.

F. LACE SADDLES.
Ulrich Harness Mfg. Co., Kokomo, Ind.

G. MEXICAN SADDLES.
Peters Harness & Saddlery Co., Newark, N. J.

H. RIDING SADDLES.
Des Moines Saddlery Co., Des Moines, Iowa.
J. F. Goodrich & Co., New Haven, Conn.
Graf, Morsbach & Co., Freeman Av. & Flint St., Cinn., O.
Harbison & Gathright, 707 W. Main St., Louisville, Ky.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
W. H. Hoover, New Berlin, O.
R. S. Luqueer & Co., 67 Murray St., New York.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
C. M. Moseman & Bro., 128 Chambers St., New York.
Nashville Saddlery Co., Nashville, Tenn.
Osborne & Burke Co., 69 Barclay St., New York.
Perkins-Campbell Co., Broadway, Cincinnati, O.
Peters Harness & Saddlery Co., Newark, N. J.
J. B. Schott Saddlery Co., Quincy, Ill.
Smith Bros., Newark, N. J.
Smith, Worthington & Co., 40 Warren St., New York.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
Whitman Saddle Co., 118 Chambers St., New York.

I. SIDE SADDLES.
Des Moines Saddlery Co., Des Moines, Ind.
J. F. Goodrich & Co., New Haven, Conn.
Graf, Morsbach & Co., Cincinnati, O.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Meyer, Bannermann & Co., 6th & Lucas Av., St. Louis, Mo.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.

J. SPRING WIRE SADDLES.
Climax Mfg. Co., E. Hampton, Conn.

K. STRAP SADDLES.
Gilliam Mfg. Co., Canton, O.
W. H. Hoover, New Berlin, O.
Ulrich Harness Mfg. Co., Kokomo, Ind.

L. TRACK SADDLES.
W. H. Hoover, New Berlin, O.
Osborne & Burke Co., 69 Barclay St., New York.
H. F. Osborne Co., Newark, N. J.
Peters Harness & Saddlery Co., Newark, N. J.
Studebaker Bros. Mfg. Co., South Bend, Ind.

879. SHAFT & POLE STRAPS.
Buckeye Mfg. Co., Anderson, Ind.

880. SLEIGH BELLS.
American Ring Co., Waterbury, Conn.
Bevin Bros. Mfg. Co., E. Hampton, Conn.
W. H. Chapman Co., Middletown, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
A. T. Wall & Co., Providence, R. I.

A. BODY STRAP BELLS.
American Ring Co., Waterbury, Conn.
Chapman Mfg. Co., Meriden, Conn.

B. SADDLE CHIMES.
Bevin Bros. Mfg. Co., E. Hampton, Conn.
Chapman Mfg. Co., Meriden, Conn.

C. SHAFT BELLS.
American Ring Co., Waterbury, Conn.
Chapman Mfg. Co., Meriden, Conn.
D. W. Sexton, E. Hampton, Conn.

D. SLEIGH BELL CHIMES.
American Ring Co., Waterbury, Conn.
Gong Bell Mfg. Co., E. Hampton, Conn.

E. STAFF BELLS.
American Ring Co., Waterbury, Conn.
Chapman Mfg. Co., Meriden, Conn.
D. W. Sexton, E. Hampton, Conn.

881. SNAPS, HARNESS.
F. H. Beecher, Seymour, Conn.
Covert Mfg. Co., W. Troy, N. Y.
Covert's Saddlery Works, Farmer, N. Y.
Elbel & Co., Canton, O.
W. & E. T. Fitch Co., New Haven, Conn.
Oliver S. Judd, New Britain, Conn.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32
J. J. Warren & Co., 8 Washington Sq., Worcester, Mass.
Ira F. White & Son, 76 Park Place, New York.

882. SPURS.
August Buermann, Newark, N. J.
Elbel & Co., Canton, O.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32
Peters Harness & Saddlery Co., Newark, N. J.

883. STABLE FIXTURES.
Arnold & Co., Norwalk, Conn.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
John Campbell, Manchester, N. H.
Champion Iron Co., Kenton, O.
J. W. Fiske, 39 Park Place, New York.
Howard & Morse, 45 Fulton St., New York.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Lincoln Iron Works, Boonton, N. J.
Fred. J. Meyers Mfg. Co., Hamilton, O.
J. L. Mott Iron Works, 90 Beekman St., New York.
E. C. Stearns & Co., Syracuse, N. Y.
Van Dorn Iron Works Co., Cleveland, O.
Variety Iron Works, York, Pa.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

A. BLANKET BRACKETS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

B. FEED BOXES.
Novelty Iron Works, Sterling, Ill.
C. H. Presbrey & Co., Sterling, Ill.

C. HARNESS BRACKETS.
John Campbell, Manchester, N. H.

D. HARNESS HOOKS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Chalfant Mfg. Co., Atglen, Pa.
Elbel & Co., Canton, O.
J. W. Fiske, 39 Park Place, New York.
North & Judd Mfg. Co., New Britain, Conn. *32
Peck, Stow & Wilcox Co., Southington, Conn.
Rockford Neck Yoke Works, Rockford, Ill.
C. E. Sovereign, Rockford, Ill.
Samuel C. Tatum Co., Cincinnati, O.
Taylor & Boggis Foundry Co., Cleveland, O.

E. MANGERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
A. Buch's Sons, Elizabethtown, Pa.
J. W. Fiske, 39 Park Place, New York.
Stewart & Peterson Co., Burlington, N. J.

F. MANGERS, FIELD.
Munnesville Plow Co., Munnesville, N. Y.

G. SADDLE BRACKETS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

H. STABLE GUTTERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. W. Fiske, 39 Park Place, New York.
E. C. Stearns & Co., Syracuse, N. Y.
Stewart & Peterson Co., Burlington, N. J.

I. WHIP RACKS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. W. Fiske, 39 Park Place, New York.
Wm. P. Kellogg, Troy, New York.

J. WIRE STALL PARTITIONS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

J. W. Fiske, 39 Park Place, New York.
Howard & Morse, 45 Fulton St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.

884. STIRRUPS.
Elbel & Co., Canton, O.
O. B. North & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.
Pratt & Letchworth, Buffalo, N. Y.
Speer, Steinmann & Co., Dallas, Tex.

A. WOOD STIRRUPS.
August Buermann, Newark, N. J.
Henry Heideman, 419 N. 6th St., St. Louis, Mo.
Holliday & Wyon, Indianapolis, Ind.
H. H. Knight, Sandusky, O.
Peters Harness & Saddlery Co., Newark, N. J.
Speer, Steinmann & Co., Dallas, Tex.

885. SURCINGLES.
Buffalo Weaving Co., Buffalo, N. Y.
Covert Mfg. Co., W. Troy, N. Y.
M. G. Curtis & Co., Troy, N. Y.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Russell Mfg. Co., Middletown, Conn.
Smith, Brown & Co., Hartford, Conn.

886. SWIVELS.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32

A. HARNESS SWIVELS.
North & Judd Mfg. Co., New Britain, Conn. *32

B. LARIAT SWIVELS.
North & Judd Mfg. Co., New Britain, Conn. *32
Pratt & Letchworth, Buffalo, N. Y.

887. TERRETS.
Elbel & Co., Canton, O.
F. W. Grossner, 392 Bank St., Newark, N. J.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32

888. TOE WEIGHTS.
Gibbs Mfg. Co., Canton, O.
J. Walter Lovett, Bethlehem, Pa.

889. TOGGLES.
Covert Mfg. Co., W. Troy, N. Y.
O. B. North & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn. *32

890. TRACE CARRIERS.
Elbel & Co., Canton, O.
Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co., New Britain, Conn. *32
Osborne & Burke Co., 69 Barclay St., New York.

891. TREES, SADDLERY.

A. EXPRESS TREES.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.

B. GIG TREES.
H. F. Osborne Co., Newark, N. J.
Peters Harness & Saddlery Co., Newark, N. J.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.

C. SADDLE TREES.
Joseph Bevan, Newark, N. J.
W. H. Hoover, New Berlin, O.
O. B. North & Co., New Haven, Conn.
Peters Harness & Saddlery Co., Newark, N. J.
Pratt & Letchworth, Buffalo, N. Y.
Studebaker Bros. Mfg. Co., South Bend, Ind.
J. S. Sullivan Saddle Tree Co., Jefferson City, Mo.
Whitman Saddle Co., 118 Chambers St., New York.

892. WHIPS.

A. CARRIAGE WHIPS.
American Whip Co., Westfield, Mass.
Bay State Whip Co., Westfield, Mass.
Buffalo Glove & Whip Mfg. Co., Buffalo, N. Y.
Cargill, Cook & Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
O. F. Day, Son & Co., Baltimore, Md.
D. M. Lane's Sons, 3432 Market St., Philadelphia, Pa.
H. Millikin & Sons, 20 Laight St., Baltimore, Md.
Ohio Whip Co., Osborn, O.
Osborne & Burke Co., 69 Barclay St., New York.
Peters Harness & Saddlery Co., Newark, N. J.
Smith, Worthington & Co., 40 Warren St., New York
United States Whip Co., Westfield, Mass.
Weaver-Bardall Co., Moundsville, W. Va.
Woodbury Whip Co., Rochester, N. Y.

B. COACH WHIPS.
American Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
J. H. Millikin & Sons, 20 Laight St., Baltimore, Md.
Sanford Whip Co., Westfield, Mass.
Woodbury Whip Co., Rochester, N. Y.

C. DROVERS' WHIPS.
American Whip Co., Westfield, Mass.

Coburn Whip Co., Windsor, N. Y.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.

D. FANCY WHIPS.
American Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
Sanford Whip Co., Westfield, Mass.

E. FARM WHIPS.
American Whip Co., Westfield, Mass.
Chicago Rawhide Mg. Co., 77 E. Ohio St., Chicago, Ill.
Coburn Whip Co., Windsor, N. Y.
J. H. Millikin & Sons, Baltimore, Md.
Woodbury Whip Co., Rochester, N. Y.

F. RATTAN WHIPS.
American Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
Sanford Whip Co., Westfield, Mass.

G. RAWHIDE WHIPS.
American Whip Co., Westfield, Mass.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
Coburn Whip Co., Windsor, N. Y.
J. H. Millikin & Sons, Baltimore, Md.
Sanford Whip Co., Westfield, Mass.
Weaver-Bardall Co., Moundsville, W. Va.
Woodbury Whip Co., Rochester, N. Y.

H. RIDING WHIPS.
American Whip Co., Westfield, Mass.
Bay State Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
Follmer, Clogg & Co., 414 Broadway, New York.
J. H. Millikin & Sons, Baltimore, Md.
Peters Harness & Saddlery Co., Newark, N. J.
Sanford Whip Co., Westfield, Mass.
United States Whip Co., Westfield, Mass.
Woodbury Whip Co., Rochester, N. Y.

I. WAGON WHIPS.
American Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
United States Whip Co., Westfield, Mass.

J. WHALEBONE WHIPS.
American Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
Sanford Whip Co., Westfield, Mass.

K. WHIP LASHES.
American Whip Co., Westfield, Mass.
F. H. Avery, Westfield, Mass.
A. C. Barnes & Co., Westfield, Mass.
Bay State Whip Co., Westfield, Mass.
Buffalo Glove & Whip Mfg. Co., Buffalo, N. Y.
Coburn Whip Co., Windsor, N. Y.
Sanford Whip Co., Westfield, Mass.
J. C. Schmidt & Co., Westfield, Mass.
Weaver-Bardall Co., Moundsville, W. Va.
Woodbury Whip Co., Rochester, N. Y.

L. WHIP SNAPS.
American Whip Co., Westfield, Mass.
Bay State Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.

M. WHIP STOCKS.
American Whip Co., Westfield, Mass.
Coburn Whip Co., Windsor, N. Y.
Wm. P. Kellogg, Troy, N. Y.
H. H. Knight, Sandusky, O.
J. C. Schmidt & Co., Westfield, Mass.
United States Whip Co., Westfield, Mass.

XX. HOUSEHOLD UTENSILS.

893. ALUMINUM COOKING UTENSILS.

Bay State Aluminum Co., Boston, Mass.
Griswold Mfg. Co., Erie, Pa.
Hess & Hinderman, St. Louis, Mo.
Hill, Whitney & Wood Co., Waltham, Mass.
Illinois Pure Aluminum Co., Lemont, Ill.
Niagara Silver Co., Niagara Falls, N. Y.
Patton Mfg. Co., Columbus, O.
Sidney Shepard & Co., Buffalo, N. Y.

Wagner Mfg. Co., Sidney, O.
A. T. Wall & Co., Providence, R. I.

894. ALUMINUM TABLE WARE.
Bay State Aluminum Co., Boston, Mass.
Griswold Mfg. Co., Erie, Pa.
Hess & Hinderman, St. Louis, Mo.
Hill, Whitney & Wood Co., Waltham, Mass.
Illinois Pure Aluminum Co., Lemont, Ill.
Niagara Silver Co., Niagara Falls, N. Y.
Patton Mfg. Co., Columbus, O.
Sidney Shepard & Co., Buffalo, N. Y.
Wagner Mfg. Co., Sidney, O.
A. T. Wall & Co., Providence, R. I.

895. APPLE CORERS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Matthai, Ingram & Co., Baltimore, Md.
X. Stoutenborough, 277 Pearl St., New York.

896. BATHS, PORTABLE.
Owen & Salter, Buttonwood & 12th Sts., Philadelphia, Pa.
Standard Mfg. Co., Pittsburg, Pa.

A. ALUMINUM BATHS.
Western Brass Mfg. Co., 615 Walnut St., St. Louis, Mo.

B. BATHING APPARATUS.
E. J. Knowlton, 24 N. State St., Ann Arbor, Mich.

C. BIDET PANS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

D. FOOT BATHS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Cordley & Hayes, 172 Duane St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Standard Mfg. Co., Pittsburg, Pa.

E. FOOT BATHS, FIBRE.
Jennings Bros., Fairfield, Conn.

F. INFANTS' BATHS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Cordley & Hayes, 172 Duane St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

G. PLUNGE BATHS.
Sidney Shepard & Co., Buffalo, N. Y.

H. SITZ BATHS.
Sidney Shepard & Co., Buffalo, N. Y.
Standard Mfg. Co., Pittsburg, Pa.

I. SPONGE BATHS.
John C. Jewett Mfg. Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

897. BEEF TEA PRESSES.
Enterprise Mfg. Co. of Pa., N. 3d St., Philadelphia, Pa.
Silver & Co., Inc., 18 Warren St., New York.

898. BENCHES, LAUNDRY.

A. WASH BENCHES.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
L. H. Mace & Co., 111 E. Houston St., New York.
Nashua Novelty Works, Nashua, N. H.
Ohio Wringer & Lawn Mower Co., Springfield, O.
Paris Mfg. Co., S. Paris, Me.

B. WASH BENCHES, FOLDING.
American Wringer Co., 99 Chambers St., New York.
Empire Washer Co., Jamestown, N. Y.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Lovell Mfg. Co., Ltd., Erie, Penn.
Parks & Parks, Troy, N. Y.
Henry Schomer, 301 Canal St., Chicago, Ill.
Udell Works, Indianapolis, Ind.

899. BOARDS, KITCHEN.

A. BREAD BOARDS.
L. H. Mace & Co., 117 E. Houston St., New York.
E. J. Vance Box Co., Ltd., Bay City, Mich.

B. KNIFE BOARDS.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
L. H. Mace & Co., 117 E. Houston St., New York.

C. MEAT BOARDS.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
L. H. Mace & Co., 117 E. Houston St., New York.

D. PASTRY BOARDS.
Atlas Mfg. Co., Danville, Pa.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
L. H. Mace & Co., 117 E. Houston St., New York.

900. BOARDS, LAUNDRY.

A. BOSOM BOARDS.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
L. H. Mace & Co., 117 E. Houston St., New York.

B. IRONING BOARDS.
Atlas Mfg. Co., Danville, Pa.
Bluffton Mfg. Co., Bluffton, Ind.
H. F. Brammer Mfg. Co., Davenport, Iowa.
Manning, Bowman & Co., Meriden, Conn.
Paris Mfg. Co., S. Paris, Me.
Udell Works, Indianapolis, Ind.
Van Stone Mfg. Co., Providence, R. I.
Anthony Wayne Mfg. Co., Ft. Wayne, Ind.

C. SHIRT BOARDS.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Van Stone Mfg. Co., Providence, R. I.

D. SKIRT BOARDS.	Fletcher & Webster Furniture Co., Nashua, N. H. L. H. Mace & Co., 111 E. Houston, St., New York. Henry Schomer, 301 S. Canal St., Chicago, Ill.
E. SLEEVE BOARDS.	L. H. Mace & Co., 117 E. Houston St., New York.
F. WASH BOARD RUBBING ATTACHMENTS.	Adjustable Chair Co., Cleveland, O.
G. WASH BOARDS.	American Washboard Co., Cleveland, O. W. J. Clark Co., Salem, O. Eastern Washboard & Mfg. Co., 1017 N. Front, Phila., Pa. Owen T. Lapham, Cleveland, O. L. H. Mace & Co., 117 E. Houston, St., New York. J. H. Polsdorfer & Sons, Evansville, Ind. Saginaw Mfg. Co., Saginaw, Mich. Union Mfg. Co., Toledo, O.

901. BOILERS.

A. ASPARAGUS BOILERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Silver & Co., Inc., 18 Warren St., New York.
B. COFFEE BOILERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Bellaire Stamping Co., Harvey, Ill. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo. Silver & Co., Inc., 18 Warren St., New York. W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y. Troy Stamping Works, Troy, N. Y.
C. EGG BOILERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill. Silver & Co., Inc., 18 Warren St., New York. X. Stoutenborough, 277 Pearl St., New York.
D. FARINA BOILERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Manning, Bowman & Co., Meriden, Conn. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo. W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
E. HAM BOILERS.	F. & L. Kahn & Bro., Hamilton, O. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Lithgow Mfg. Co., Louisville, Ky. X. Stoutenborough, 277 Pearl St., New York.
F. MILK BOILERS.	Bellaire Stamping Co., Harvey, Ill. Chicago Stamping Co., 227 S. Green St., Chicago, Ill. Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Manning, Bowman & Co., Meriden, Conn. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
G. RICE BOILERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Bellaire Stamping Co., Harvey, Ill. Chicago Stamping Co., 227 S. Green St. Chicago, Ill. Manning, Bowman & Co., Meriden, Conn. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo. W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
H. RICE BOILERS, COPPER.	Aldrich & Ray Mfg. Co., Buffalo, N. Y. Manning, Bowman & Co., Meriden, Conn. John Trageser Steam Copper Works, 447 W. 26th, New York.
I. SPONGE BOILERS.	Troy Stamping Works, Troy, N. Y.
J. VEGETABLE BOILERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill. Manning, Bowman & Co., Meriden, Conn. National Mfg. Co., Worcester, Mass. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo. X. Stoutenborough, 277 Pearl St., New York. Troy Stamping Works, Troy, N. Y. Woods, Sherwood & Co., Lowell, Mass.
K. WASH BOILERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Hoy & Co., Albany, N. Y. Lithgow Mfg. Co., Louisville, Ky. Stewart & Peterson Co., Burlington, N. J. W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y. Troy Stamping Works, Troy, N. Y.
L. WASH BOILERS, COPPER.	Aldrich & Ray Mfg. Co., Buffalo, N. Y. Hoy & Co., Albany, N. Y. Thos. Phillips Co., Providence, R. I. John Trageser Steam Copper Works, 447 W. 26th, New York. W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

902. BOWLS.

A. BREAD BOWLS.	Cordley & Hayes, 172 Duane St., New York.
B. FIBRE BOWLS.	Jennings Bros., Fairfield, Conn.
C. ICING BOWLS.	Stewart & Peterson Co., Burlington, N. J.
D. SOUP BOWLS.	Bellaire Stamping Co., Harvey, Ill. Manning, Bowman & Co., Meriden, Conn. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

E. SUGAR BOWLS, ENAMELLED.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Manning, Bowman & Co., Meriden, Conn.
F. TIN BOWLS.	X. Stoutenborough, 277 Pearl St., New York.
G. WOODEN BOWLS.	Cooper & McKee, Brooklyn, N. Y. L. H. Mace & Co., 111 E. Houston St., New York.
903. BOXES, TINWARE.	
A. BREAD & CAKE BOXES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Anchor Silver Plate Co., Oswego, N. Y. Central Stamping Co., 25 Cliff St., New York. A. Kraemer, 3d St. & Kent Av., Brooklyn, N. Y. Sidney Shepard & Co., Buffalo, N. Y. X. Stoutenborough, 277 Pearl St., New York.
B. CHEESE BOXES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
C. LUNCH BOXES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Sidney Shepard & Co., Buffalo, N. Y. J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
D. SALT & PEPPER BOXES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Novelty Mfg. Co., Waterbury, Conn.
E. SPICE BOXES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Sidney Shepard & Co., Buffalo, N. Y.
F. SUGAR BOXES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. E. B. Estes & Sons, 45 John St., New York.
904. BREAD CUTTERS.	Hoxie & Clark, 42 Stone St., Rochester, N. Y. Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.
905. BROILERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill. Bramhall-Deane Co., 264 Water St., New York. National Mfg. Co., Worcester, Mass. Paxton Hardware Mfg. Co., Paxton, Ill. X. Stoutenborough, 277 Pearl St., New York. Woods, Sherwood & Co., Lowell, Mass.
A. OYSTER BROILERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
906. CADDIES.	Chicago Stamping Co., 227 S. Green St., Chicago, Ill. Horne & Danz Co., St. Paul, Minn. Norton Bros., Inc., 813 Masonic Temple, Chicago, Ill. Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa. Sidney Shepard & Co., Buffalo, N. Y.
907. CAKE & BISCUIT CUTTERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Crandall & Godley, 157 Franklin St., New York. Paxton's Hardware Mfg. Co., Paxton, Ill. Sidney Shepard & Co., Buffalo, N. Y. Troy Stamping Works, Troy, N. Y.
A. DOUGHNUT CUTTERS, TIN.	Troy Stamping Works, Troy, N. Y.
B. FANCY CAKE CUTTERS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
908. CAKE CLOSETS.	John C. Jewett Mfg. Co., Buffalo, N. Y.
909. CAKE MIXERS.	J. H. Day & Co., Cincinnati, O. Model Mfg. Co. of Pa., 197 Huntington St., Philadelphia, Pa. Sidney Shepard & Co., Buffalo, N. Y.
910. CAKE TURNERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Smith Harper, 12 N. 5th St., Philadelphia, Pa. H. W. Humphrey, Unionville, Conn. Knapp & Cowles Mfg. Co., Bridgeport, Conn. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Sidney Shepard & Co., Buffalo, N. Y. R. Wallace & Sons Mfg. Co., Wallingford, Conn.
911. CANISTERS, TEA & COFFEE.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Meriden Britannia Co., Meriden, Conn. Sidney Shepard & Co., Buffalo, N. Y. Fernald Mfg. Co., North East, Pa.
912. CANS.	
A. ASH CANS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Dover Stamping Co., Boston, Mass. Iron Clad Mfg. Co., 22 Cliff St., New York. Moseley Iron Bridge & Roof Co., 39 Cortlandt, New York. John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa. Sidney Shepard & Co., Buffalo, N. Y. Standard Mfg. Co., 39 Cortlandt St., New York.
B. ASH CANS, GALVANIZED.	Jas. Hill Mfg. Co., Providence, R. I. X. Stoutenborough, 277 Pearl St., New York.
C. GARBAGE CANS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Iron Clad Mfg. Co., 22 Cliff St., New York.

D. GARBAGE CANS, GALVANIZED.	Jas. Hill Mfg. Co., Providence, R. I.
E. GASOLINE CANS.	Horne & Danz Co., St. Paul, Minn. H. B. Hunt Stamping Works, Cleveland, O. Winfield Mfg. Co., Warren, O.
F. ICE CANS, GALVANIZED.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa. New Orleans Roofing & Metal Works, New Orleans, La.
G. ICE CREAM CANS.	Chicago Stamping Co., 227 S. Green St., Chicago, Ill. Valentine Clad & Sons, 117-119 S. 11th St., Philadelphia, Pa. Crandall & Godley, 157 Franklin St., New York. Iron Clad Mfg. Co., 22 Cliff St., New York. Stewart & Peterson Co., Burlington, N. J.
H. MILK CANS.	Buhl Stamping Co., Detroit, Mich. Chicago Stamping Co., 227 S. Green St., Chicago, Ill. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Monitor Co., Moodus, Conn. Oakes & Burger, Cattaraugus, N. Y. J. H. Pocock Can Co., 900 N. 2d St., St. Louis, Mo. A. H. Reid, 3000 Market St., Philadelphia, Pa. Sidney Shepard & Co., Buffalo, N. Y. Vermont Farm Machine Co., Bellows Falls, Vt.
I. OIL CANS.	Adams & Westlake Co., Ontario St., Chicago, Ill. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Bergen Mfg. Co., Canton, O. E. P. Breckenridge Co., 1216 W. Bancroft St., Toledo, O. Chicago Stamping Co., 227 S. Green St., Chicago, Ill. Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass. C. W. Hart, Troy, N. Y. Hoy & Co., Albany, N. Y. H. B. Hunt Stamping Works, Cleveland, O. Impervious Package Co., Keene, N. H. Mason Fruit Jar Co., Bridesburg, Philadelphia, Pa. Matthai, Ingram & Co., Baltimore, Md. Norton Bros., 813 Masonic Temple, Chicago, Ill. Paragon Oil Can Co., Meadville, Pa. Parks & Parks, Troy, N. Y. J. H. Pocock Can Co., 900 N. 2d St., St. Louis, Mo. Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa. Racine General Mfg. Co., Racine, Wis. *27 Racine Malleable & Wrought Iron Co., Racine, Wis. Record Mfg. Co., Conneaut, O. Reilley Bros., 322 W. 41st St., New York. Sidney Shepard & Co., Buffalo, N. Y. Troy Stamping Works, Troy, N. Y. Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y. Wheeling Stamping Co., Wheeling, W. Va. Winfield Mfg. Co., Warren, O.
J. OIL CANS, GLASS.	Mason Fruit Jar Co., Bridesburg, Philadelphia, Pa. R. G. Wright & Co., Buffalo, N. Y. Youngstown Specialty Mfg. Co., Youngstown, O.
K. OIL CANS, GLASS, WIRE CUSHIONED.	Ohio Lantern Co., Tiffin, O.
L. OIL CANS, ROTARY.	W. J. Clark Co., Salem, O.
M. WATER CANS.	Horne & Danz Co., St. Paul, Minn. Sidney Shepard & Co., Buffalo, N. Y. F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.
913. CARPET BEATERS.	Planet Mfg. Co., 89 Dwight St., Springfield, Mass.
A. CARPET WHIPS, WIRE.	Hollow Cable Mfg. Co., Hornellsville, N. Y. Raymond Mfg. Co., Ltd., Corry, Pa.
914. CASTERS, WIRE.	Woods, Sherwood & Co., Lowell, Mass.
915. CHAMBERS.	
A. ENAMELLED CHAMBERS & COVERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Bellaire Stamping Co., Harvey, Ill. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Manning, Bowman & Co., Meriden, Conn. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
B. HOSPITAL CHAMBERS, FIBRE.	Cordley & Hayes, 172 Duane St., New York. Jennings Bros., Fairfield, Conn.
916. CHOPPING KNIVES.	Nickel Plate Mfg. Co., Meriden, Conn.
917. CLEANERS.	
A. SINK CLEANERS.	National Mfg. Co., Worcester, Mass. X. Stoutenborough, 277 Pearl St., New York. Troy Stamping Works, Troy, N. Y.
B. WIRE POT CLEANERS.	Bromwell Brush & Wire Goods Co., Cincinnati, O. Fred. J. Meyers Mfg. Co., Hamilton, O. National Mfg. Co., Worcester, Mass.

918. CLOTHES DRYERS.
N. R. Streeter & Co., Rochester, N. Y.
John Campbell, Manchester, N. H.
L. H. Mace & Co., 117 E. Houston St., New York.
Munnesville Plow Co., Munnesville, N. Y.
Novelty Wood Works, Union City, Pa.
Oakley & Keating, 40 Cortlandt St., New York.
Reilley Bros., 322 W. 41st St., New York.

A. ADJUSTABLE CLOTHES DRYERS.
Racine Hardware Co., Racine, Wis.

B. CLOTHES BARS.
Bluffton Mfg. Co., Bluffton, Ind.
W. D. Martin, Warsaw, N. Y.
A. J. Phillips Co., Fenton, Mich.
Henry Schomer, 301 Canal St., Chicago, Ill.
Udell Works, Indianapolis, Ind.

C. CLOTHES HORSES.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Gage Tool Co., Vineland, N. J.
L. H. Mace & Co., 117 E. Houston St., New York.
Nashua Novelty Works, Nashua, N. H.
Edwin Prescott, 8 Medford St., Boston, Mass.

D. CLOTHES PINS.
A. W. Dodge Clothes Pin Mfg. Co., Candenport, Pa.

E. CLOTHES PINS, SPRING.
U. S. Clothes Pin Co., Montpelier, Vt.

F. CLOTHES PINS, STEEL.
Automatic Cooler Mfg. Co., Rockdale, Tex.

G. CLOTHES PINS, WIRE.
A. E. Francis, Cleveland, O.

H. CLOTHES POLES.
Chesebro, Whitman & Co., 302 E. 64th St., New York.
A. J. Phillips Co., Fenton, Mich.

I. CLOTHES REELS.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Milne Mfg. Co., Monmouth, Ill.
E. C. Stearns & Co., Syracuse, N. Y.

J. WALL CLOTHES DRYERS.
Nashua Novelty Works, Nashua, N. H.

919. COFFEE BIGGINS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
G. I. Mix & Co., Yalesville, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

920. COLANDERS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Hoy & Co., Albany, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.

921. COOKERS.
Bellaire Stamping Co., Harvey, Ill.
Manning, Bowman & Co., Meriden, Conn.

A. COOKING CROCKS.
J. M. Powell, 192 Front St., New York.

B. STEAM COOKERS.
Bramhall-Deane Co., 264 Water St., New York.
Wilmot Castle & Co., Rochester, N. Y.
Central Stamping Co., 25 Cliff St., New York.
R. E. Dietz Co., 60 Laight St., New York.
Hill, Whitney & Wood Co., 91 Canal St., Boston, Mass.
Manning, Bowman & Co., Meriden, Conn.
X. Stoutenborough, 277 Pearl St., New York.

922. COOLERS.

A. MILK COOLERS.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Herman Strater & Sons, 74 Sudbury St., Boston, Mass.

B. WATER COOLERS.
Aldrich & Ray Mfg. Co. Buffalo, N. Y.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Heinz & Munschauer, Buffalo, N. Y.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Low Art Tile Co., Chelsea, Mass.
Manning, Bowman & Co., Meriden, Conn.
Geo. N. Pierce Co., Buffalo, N. Y.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.

C. WATER COOLERS, FIBRE.
Cordley & Hayes, 172 Duane St., New York.
United States Mineral Wool Co., 2 Cortlandt St., New York.

D. WATER COOLERS, WOODEN.
L. H. Mace & Co., 111 E. Houston St., New York.

E. WINE COOLERS.
Cordley & Hayes, 172 Duane St., New York.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Low Art Tile Co., Chelsea, Mass.
Manning, Bowman & Co., Meriden, Conn.

Meriden Britannia Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

F. WIRE BREAD & CAKE COOLERS. Woods, Sherwood & Co., Lowell, Mass.

923. COPPER UTENSILS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Bramhall-Deane Co., 264 Water St., New York.
Haberman Mfg. Co., 78 Beekman St., New York.
Thos. Phillips Co., Providence, R. I.
Henry Steeger, 143 E. 31st St., New York.

924. COVERS.

A. BARREL COVERS.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Michigan Barrel Co., Grand Rapids, Mich.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.

B. BOILER COVERS.
Central Stamping Co., 25 Cliff St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.

C. BUCKET COVERS.
Central Stamping Co., 25 Cliff St., New York.
Iron Clad Mfg. Co., 22 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

D. CAKE COVERS.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Gillinder & Son, 135 Oxford St., Philadelphia, Pa.

E. CHEESE COVERS.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.

F. DISH COVERS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.

G. ENAMELLED COVERS.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., St. Louis, Mo.

H. HAMPER COVERS.
John Krauss, 11 W. Houston St., New York.
John F. McHugh, 226 W. 30th St., New York.
Theo. Ollesheimer & Bros., 139 Duane St., New York.
Chas. Zinn & Co., 138 Grand St., New York.

I. KETTLE COVERS.
Central Stamping Co., 25 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.
Topleff & Ely Co., Elyria, O.

J. MOLLASSES JUG COVERS.
Manning, Bowman & Co., Meriden, Conn.
Ohio Lantern Co., Tiffin, O.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

K. PAIL COVERS.
Record Mfg. Co., 2727 Spring Grove Av., Cincinnati, O.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.

L. PERFORATED FRYING PAN COVERS.
Kitchen Specialty Co., c. Reed & Elm Sts., Reading, Pa.
Stewart Enamel Co., Bellaire, O.
X. Stoutenborough, 277 Pearl St., New York.

M. SAUCEPAN COVERS.
Bellaire Stamping Co., Harvey, Ill.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

N. TEA KETTLE COVERS.
Central Stamping Co., 25 Cliff St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.

O. TIN POT COVERS.
Central Stamping Co., 25 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.
Troy Stamping Works, Troy, N. Y.

P. WIRE DISH COVERS.
Bromwell Brush & Wire Goods Co., 429 Walnut St., Cinn., O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
X. Stoutenborough, 277 Pearl St., New York.
Wickwire Bros., Cortlandt, N. Y.

925. CRACKER & CHEESE HOLDERS.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
X. Stoutenborough, 277 Pearl St., New York.

926. CRULLERS.
Central Stamping Co., 25 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

927. CULINARY WHIPS & BEATERS.
J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
Dover Stamping Co., Boston, Mass.
H. W. Humphrey, Unionville, Conn.

Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Landers, Frary & Clark, New Britain, Conn.
Manning, Bowman & Co., Meriden, Conn.
National Mfg. Co., Worcester, Mass.
Parks & Parks, Troy, N. Y.
Rochester Lamp Co., 38 Park Place, New York.
Silver & Co., Inc., 18 Warren St., New York.
Sinclair-Scott Co., Baltimore, Md.
X. Stoutenborough, 277 Pearl St., New York.
Taplin Mfg. Co., Forestville, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

928. CUPS.

A. ALUMINUM CUPS.
Bay State Aluminum Co., Boston, Mass.
Griswold Mfg. Co., Erie, Pa.
Hess & Hinderman, St. Louis, Mo.
Hill, Whitney & Wood Co., Waltham, Mass.
Illinois Pure Aluminum Co., Lemont, Ill.
Niagara Silver Co., Niagara Falls, N. Y.
Patton Mfg. Co., Columbus, O.
Sidney Shepard & Co., Buffalo, N. Y.
Wagner Mfg. Co., Sidney, O.
A. T. Wall & Co., Providence, R. I.

B. COLLAPSIBLE CUPS.
Meriden Britannia Co., Meriden, Conn.
Novelty Mfg. Co., Waterbury, Conn.
Pratt Mfg. Co., 167 Wooster St., New York.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

C. DRINKING CUPS.
Anchor Silver Plate Co., Oswego, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.
A. T. Wall & Co., Providence, R. I.
Wilcox Silver Plate Co., Meriden, Conn.

D. ENAMELLED CUPS & SAUCERS.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.

E. MARKING CUPS.
Central Stamping Co., 25 Cliff St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.

F. MEASURING CUPS.
Central Stamping Co., 25 Cliff St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.

G. MUFFIN CUPS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Central Stamping Co., 25 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

H. SPIT CUPS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Central Stamping Co., 25 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

I. TIN CUPS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

929. CUSPADORES.

Bradley & Hubbard Mfg. Co., Meriden, Conn.
A. H. Hews & Co., North Cambridge, Mass.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

A. ALUMINUM CUSPADORES.
Bay State Aluminum Co., Boston, Mass.
Griswold Mfg. Co., Erie, Pa.
Hess & Hinderman, St. Louis, Mo.
Hill, Whitney & Wood Co., Waltham, Mass.
Illinois Pure Aluminum Co., Lemont, Ill.
Niagara Silver Co., Niagara Falls, N. Y.
Patton Mfg. Co., Columbus, O.
Pratt Mfg. Co., 167 Wooster St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
Wagner Mfg. Co., Sidney, O.
A. T. Wall & Co., Providence, R. I.

B. BRASS CUSPADORES.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Bridgeport Brass Co., Bridgeport, Conn.
J. W. Fiske, 39 Park Place, New York.

Gould-Mersereau Co., 259 Canal St., New York.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Manhattan Brass Co., 338 E. 28th St., New York.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
Pittsburg Brass Co., Pittsburg, Pa.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

C. ENAMELLED CUSPADORES. Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Marietta Hollow Ware & Enamel Co., Marietta, Pa.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

D. FIBRE CUSPADORES. Jennings Bros., Fairfield, Conn.

E. NICKELED CUSPADORES. Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Manning, Bowman & Co., Meriden, Conn.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

F. RUBBER CUSPADORES. American Hard Rubber Co., 9 Mercer St., New York.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Goodyear Rubber Co., 787 Broadway, New York.

G. SANITARY CUSPADORES. Seabury & Johnson, 59 Maiden Lane, New York.

H. SELF-RIGHTING CUSPADORES. Bridgeport Brass Co., Bridgeport, Conn.
Patton Mfg. Co., Columbus, O.
X. Stoutenborough, 277 Pearl St., New York.

I. SICK BED CUSPADORES. Steubenville Pottery Co., Steubenville, O.
Syracuse Stoneware Co., Syracuse, N. Y.
Trenton Potteries Co., Trenton, N. J.

J. TIN CUSPADORES. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Manning, Bowman & Co., Meriden, Conn.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

930. DINNER CARRIERS. Central Stamping Co., 25 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

931. DIPPERS. Paxton Hardware Mfg. Co., Paxton, Ill.
Reilley Bros., 322 W. 41st St., New York.

A. COPPER DIPPERS. Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Thomas Phillips Co., Providence, R. I.
X. Stoutenborough, 277 Pearl St., New York.

B. EGG & VEGETABLE DIPPERS. Bromwell Brush & Wire Goods Co., Cincinnati, O.
Central Stamping Co., 25 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

C. ENAMELLED DIPPERS. Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

D. MILK DIPPERS. Central Stamping Co., 25 Cliff St., New York.
Iron Clad Mfg. Co., 22 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

E. TIN DIPPERS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Hoy & Co., Albany, N. Y.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

932. DISH CLOTH HOLDERS, WIRE.
National Mfg. Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

933. DISH DRAINERS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Paxton Hardware Mfg. Co., Paxton, Ill.
Edwin Prescott, 8 Medford St., Boston, Mass.
Standard Mfg. Co., Pittsburg, Pa.
Woods, Sherwood & Co., Lowell, Mass.

934. DISHES.

A. BAKING DISHES. John C. Jewett Mfg. Co., Buffalo, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.

B. BUTTER DISHES. Anchor Silver Plate Co., Oswego, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

C. CHAFING DISHES. John C. Jewett Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

D. CHAFING DISHES, ALUMINUM.	Griswold Mfg. Co., Erie, Pa.
	Pratt Mfg. Co., 167 Wooster St., New York.
	Sidney Shepard & Co., Buffalo, N. Y.
E. MEAT DISHES.	Manning, Bowman & Co., Meriden, Conn.
	Meriden Britannia Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
F. PUDDING DISHES.	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
G. SALT DISHES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
H. SOAP DISHES.	Avery Stamping Co., Cleveland, O.
	Central Stamping Co., 25 Cliff St., New York.
	Geo. W. Chester, 253 Broadway, New York.
	Columbus Brass Co., Columbus, O.
	Keen & Hagerty Mfg. Co., Baltimore, Md.
	A. Kreamer, S. 3d St., Brooklyn, N. Y.
	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., St. Louis, Mo.
	Standard Mfg. Co., Pittsburg, Pa.
	S. Sternau & Co., 195 Plymouth St., Brooklyn, N. Y.
	X. Stoutenborough, 277 Pearl St., New York.
	Wrightsville Hardware Co., Wrightsville, Pa.
I. SOAP DISHES, ENAMELLED.	Bellaire Stamping Co., Harvey, Ill.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
J. SOAP DISHES, IRON.	Chalfant Mfg. Co., Lancaster, Pa.
	J. W. Fiske, 39 Park Place, New York.
	X. Stoutenborough, 277 Pearl St., New York.
K. SOAP DISHES, RUBBER.	American Hard Rubber Co., 9 Mercer St., New York.
	C. J. Bailey & Co., 22 Boylston St., Boston, Mass.
	Quaker City Rubber Co., Philadelphia, Pa.
L. SOAP DISHES, TIN.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Central Stamping Co., 25 Cliff St., New York.
	X. Stoutenborough, 277 Pearl St., New York.
M. SPONGE DISHES, ENAMELLED.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	Meriden Britannia Co., Meriden, Conn.
N. VEGETABLE DISHES, ENAMELLED.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
935. DRAINERS, TUMBLER.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	John C. Jewett Mfg. Co., Buffalo, N. Y.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	National Mfg. Co., Worcester, Mass.
	Herman Strater & Sons, 74 Sudbury St., Boston, Mass.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
936. EGG OPENERS.	Wm. R. Hartigan, Collinsville, Conn.
	H. W. Humphrey, Unionville, Conn.
937. EGG POACHERS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Paxton Hardware Mfg. Co., Paxton, Ill.
	Sidney Shepard & Co., Buffalo, N. Y.
	Silver & Co., Inc., 18 Warren St., New York.
938. FIBRE WARE.	Cordley & Hayes, 172 Duane St., New York.
	Jennings Bros., Fairfield, Conn.
	Standard Fibre Ware Co., Mankati, Minn.
939. FILLERS.	
A. LAMP FILLERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Central Stamping Co., 25 Cliff St., New York.
	Sidney Shepard & Co., Buffalo, N. Y.
	X. Stoutenborough, 277 Pearl St., New York.
	Wilson Iron Works Co., 173 Randolph St., Chicago, Ill.
B. OIL CAN FILLERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Central Stamping Co., 25 Cliff St., New York.
	Sidney Shepard & Co., Buffalo, N. Y.
	Wilson Iron Works Co., 173 Randolph St., Chicago, Ill.
940. FILTERS.	J. H. Day & Co., Harrison Av. & Borger St., Cincinnati, O.
	N. Y. Filter Mfg. Co., 26 Cortlandt St., New York.
A. BARREL FILTERS.	Cleveland Steam Gauge Co., Cleveland, O.
B. COFFEE FILTERS.	Manning, Bowman & Co., Meriden, Conn.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
C. FAUCET FILTERS.	Boston Brass Co., Boston, Mass.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Jones Mfg. Co., 234 Franklin St., Boston, Mass.

	Jos. H. Seed, 12 Centre St., New York.
D. FELT FILTERS.	Chas. N. Bacon, 98 Milk St., Boston, Mass.
	Eastern Felting & Buffing Wheel Co., Winchester, Mass.
E. WATER FILTERS.	Albany Steam Trap Co., Albany, N. Y.
	Birmingham Fire Brick Works, Birmingham, Ala.
	Boston Filter Co., 21 Broadway, Chelsea, Mass.
	Colls Mfg. Co., 1615 N. 23d St., Philadelphia, Pa.
	Cordley & Hayes, 172 Duane St., New York.
	Firm of John Matthews, 329 E. 26th St., New York.
	Heinz & Munschauer, Buffalo, N. Y.
	O. H. Jewell Filter Co., 40 W. Quincy St., Chicago, Ill.
	John C. Jewett Mfg. Co., Buffalo, N. Y.
	Jones Mfg. Co., 243 Franklin St., Boston, Mass.
	Metropolitan Filter Co., 97 Washington St., Chicago, Ill.
	New England Pottery Co., E. Boston, Mass.
	Jos. H. Seed, 12 Centre St., New York.
	Sidney Shepard & Co., Buffalo, N. Y.
F. WATER STILLS.	A. R. Bailey Mfg. Co., 31 Liberty St., New York.
	Royal Distill Co., 680 La Salle St., Chicago, Ill.
	Standard Water Still Co., 83 Water St., Chicago, Ill.
941. FLASKS.	
A. ALUMINUM FLASKS.	Pratt Mfg. Co., 167 Wooster St., New York.
B. TIN FLASKS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Hoy & Co., Albany, N. Y.
	Sidney Shepard & Co., Buffalo, N. Y.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
942. FLOOR SCRUBBERS.	D. W. Bosley Co., 210 Wash. Boul., Chicago, Ill.
	J. M. C. Martin's Sons, 109 Fulton St., New York.
943. FLOUR DREDGES.	Buffalo Scale Co., Buffalo, N. Y.
	Nicol & Co., 57 W. Washington St., Chicago, Ill.
944. FLY KILLERS.	J. F. Bigelow, Worcester, Mass.
	A. J. Phillips Co., Fenton, Mich.
945. FORKS, CULINARY.	
A. FISH FORKS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Meriden Britannia Co., Meriden, Conn.
	Wm. Rogers Mfg. Co., Hartford, Conn.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
B. FLESH FORKS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	National Mfg. Co., Worcester, Mass.
	Sidney Shepard & Co., Buffalo, N. Y.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
C. OLIVE & PICKLE FORKS, WIRE.	National Mfg. Co., Worcester, Mass.
	Novelty Mfg. Co., Waterbury, Conn.
	C. T. Williamson Novelty Co., Newark, N. J.
	Woods, Sherwood & Co., Lowell, Mass.
D. TOASTING FORKS.	National Mfg. Co., Worcester, Mass.
	C. T. Williamson Novelty Co., Newark, N. J.
E. VEGETABLE FORKS.	H. W. Humphrey, Unionville, Conn.
	National Mfg. Co., Worcester, Mass.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
	C. T. Williamson Novelty Co., Newark, N. J.
	Withington & Cooley Mfg. Co., Jackson, Mich.
946. FREEZERS, ICE CREAM.	
	J. P. Anderson & Co., 422 N. 6th St., Philadelphia, Pa.
	Crandall & Godley, 157 Franklin St., New York.
	J. H. Day & Co., Cincinnati, O.
	Kingery Mfg. Co., 9 W. Pearl St., Cincinnati, O.
	Thos. Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.
	Monitor Co., Moodus, Conn.
	North Bros. Mfg. Co., Lehigh Av., c. N. Amer., Phila., Pa.
	Chas. W. Packer, 20 N. 4th St., Philadelphia, Pa.
	Peerless Freezer Co., Cincinnati, O.
	E. C. Stearns & Co., Syracuse, N. Y.
	Samuel C. Tatum Co., Cincinnati, O.
	Treman, King & Co., Ithaca, N. Y.
	White Mountain Freezer Co., Nashua, N. H.
A. POWER ICE CREAM FREEZERS.	White Mountain Freezer Co., Nashua, N. H.
947. FRIERS, POTATO.	National Mfg. Co., Worcester, Mass.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
	Wire Goods Co., Worcester, Mass.
948. FRUIT & NUT HOLDERS WIRE.	
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
949. FUNNELS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.

Bellaire Stamping Co., Harvey, Ill.
Cordley & Hayes, 172 Duane St., New York.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Hoy & Co., Albany, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Meriden Britannia Co., Meriden, Conn.
Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

A. COPPER FUNNELS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Geo. N. Pierce & Co., Buffalo, N. Y.
Herman Strater & Sons, 74 Sudbury St., Boston, Mass.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

950. GAS COOKING APPARATUS.

Dangler Stove & Mfg. Co., Cleveland, O.
Majestic Mfg. Co., St. Louis, Mo.
Monarch Stove & Mfg. Co., Mansfield, O.

951. GRATERS.

Specialty Novelty Co., Lancaster, Pa.

A. BOX GRATERS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Sidney Shepard & Co., Buffalo, N. Y.

B. CHOCOLATE GRATERS.
Edgar Mfg. Co., Reading Mass.

C. COCOANUT GRATERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
J. P. Anderson & Co., 422 N. 6th St., Philadelphia, Pa.
Crandall & Godley, 157 Franklin St., New York.

D. COMBINED GRATERS & SLAW CUTTERS.
Illinois Cutlery Co., Decatur, Ill.

E. HORSERADISH GRATERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
J. H. Day & Co., Cincinnati, O.
H. N. Hubbard, 18 Cliff St., New York.

F. NUTMEG GRATERS.
Edgar Mfg. Co., Reading, Mass.
New England Novelty Mfg. Co., Boston, Mass.
Union Lock & Hardware Co., Lancaster, Pa.

G. REVOLVING GRATERS.
Thos. W. Houchin Co., 69 Park Place, New York.

H. STARCH GRATERS.
Thomas Hinds, Malone, N. Y.

I. VEGETABLE GRATERS.
Sinclair-Scott Co., Baltimore, Md.

952. GRIDDLES.

A. CAKE GRIDDLES.
Clipper Mfg. Co., Cincinnati, O.
Cronk Hanger Co., Elmira, N. Y.
Hoy & Co., Albany, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Patton Mfg. Co., Columbus, O.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Stewart & Peterson Co., Burlington, N. J.

B. SOAPSTONE GRIDDLES.
Pike Mfg. Co., Pike Station, N. H.
Williams & Co., Nashua, N. H.

953. GRIDIRONS.

Central Stamping Co., 25 Cliff St., New York.
F. & L. Kahn & Bro., Hamilton, O.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

954. HOLDERS.

A. BROOM HOLDERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. W. Fiske, 39 Park Place, New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
M. F. Koenig, Hazelton, Pa.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
Raymond Mfg. Co., Ltd., Corry, Pa.
Samuel C. Tatum Co., Cincinnati, O.

B. BRUSH & COMB HOLDERS.
Searls Mfg. Co., 27 Mulberry St., Newark, N. J.

C. MOP HOLDERS.
W. J. Clark & Co., Salem, O.
P. & F. Corbin, New Britain, Conn.
New England Novelty Mfg. Co., Boston, Mass.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
Parks & Parks, Troy, N. Y.

D. PIE PLATE HOLDERS.
J. C. Jewett Mfg. Co., Buffalo, N. Y.

E. TOOTH BRUSH HOLDERS.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.

F. WHISK BROOM HOLDERS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Arlington Mfg. Co., 475 Broadway, New York.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., Inc., 87 Chambers St., New York.
Chas. Place, Inc., Cambridgeport, Mass.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
Woods, Sherwood & Co., Lowell, Mass.

955. HOLLOW WARE.

Abendroth Bros., Inc., 109 Beekman St., New York.
Bellaire Stamping Co., Harvey, Ill.
Belleville Stove Works, Belleville, Ill.
Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
Cleveland Co-operative Stove Co., Cleveland, O.
Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
Culter & Proctor Stove Co., Peoria, Ill.
Favorite Stove & Range Co., Piqua, O.
Great Western Stove Co., Leavenworth, Kan.
Griswold Mfg. Co., Erie, Pa.
Highland Foundry Co., Boston, Mass.
F. & L. Kahn & Bro., Hamilton, O.
Lithgow Mfg. Co., Louisville, Ky.
Magee Furnace Co., Boston, Mass.
Manning, Bowman & Co., Meriden, Conn.
Marietta Casting Co., Marietta, Pa.
Marietta Hollow Ware & Enameling Co., Marietta, Pa.
Mount Penn Stove Works, Reading, Pa.
Ohio Stove Co., Portsmouth, O.
Patton Mfg. Co., Columbus, O.
J. S. & M. Peckham Co., Albany, N. Y.
Rathbone, Sard & Co., Albany, N. Y.
I. A. Sheppard & Co., N. 4th St., Philadelphia, Pa.
D. R. Sperry & Co., Batavia, Ill.
Standard Mfg. Co., Pittsburg, Pa.
Stewart & Peterson Co., Burlington, N. J.

A. ALUMINUM HOLLOW WARE.

Bay State Aluminum Co., Boston, Mass.
Griswold Mfg. Co., Erie, Pa.
Hess & Hindermann, St. Louis, Mo.
Hill, Whitney & Wood Co., Waltham, Mass.
Illinois Pure Aluminum Co., Lemont, Ill.
Niagara Silver Co., Niagara Falls, N. Y.
Patton Mfg. Co., Columbus, O.
Sidney Shepard & Co., Buffalo, N. Y.
Wagner Mfg. Co., Sidney, O.
A. T. Wall & Co., Providence, R. I.

B. ENAMELLED HOLLOW WARE.

Bellaire Stamping Co., Harvey, Ill.
Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
Haberman Mfg. Co., 78 Beekman St., New York.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Marietta Casting Co., Marietta, Pa.
Marietta Hollow Ware & Enamelling Co., Marietta, Pa.
Patton Mfg. Co., Columbus, O.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

C. GREYSTONE ENAMELLED HOLLOW WARE.

Matthai, Ingram & Co., Baltimore, Md.

D. STEEL HOLLOW WARE.

Avery Stamping Co., Cleveland, O.

E. TINNED HOLLOW WARE.

Bellaire Stamping Co., Harvey, Ill.
Manning, Bowman & Co., Meriden, Conn.
Marietta Casting Co., Marietta, Pa.
Marietta Hollow Ware & Enamelling Co., Marietta, Pa.
Patton Mfg. Co., Columbus, O.

956. HOTEL KITCHEN OUTFITS.

Bramhall-Deane Co., 264 Water St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.
John Van Range Co., 419 Elm St., Cincinnati, O.

957. ICE PICKS.

Erie Specialty Co., Erie, Pa.
H. W. Humphrey, Unionville, Conn.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
H. M. Norton & Co., Chester, Conn.
C. S. Osborne & Co., Newark, N. J.
Palmer Hardware Mfg. Co., Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Snell Mfg. Co., Fiskdale, Mass.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.
Stover Mfg Co., Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Williams & Marvin, Deep River, Conn.

A. ICE PICK MALLETS.

X. Stoutenborough, 277 Pearl St., New York.
Williams & Marvin, Deep River, Conn.

958. IRONING TABLES.

Nashua Novelty Works, Nashua, N. H.

Raritan Woodenware Works, Perth Amboy, N. J.

959. IRON WARE.

A. BRIGHT IRON WARE.
Dover Stamping Co., Boston, Mass.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

B. ENAMELLED IRON WARE.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Matthai, Ingram & Co., Baltimore, Md.
St. Louis Stamping Co., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.

C. GALVANIZED IRON WARE.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
James Hill Mfg. Co., Providence, R. I.
Sidney Shepard & Co., Buffalo, N. Y.
Trenton Iron Co., Trenton, N. J.

960. KETTLES.

A. BRASS KETTLES.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Edward Miller & Co., Meriden, Conn.
Randolph & Clowes, Waterbury, Conn.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Waterbury Brass Co., Waterbury, Conn.

B. BUTTER KETTLES.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

C. CAMP KETTLES.
Horne & Danz Co., St. Paul, Minn.

D. COPPER KETTLES.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Crandall & Godley, 157 Franklin St., New York.
Thomas Phillips Co., Providence, R. I.
D. Picking & Co., Bucyrus, O.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Herman Strater & Sons, 74 Sudbury St., Boston, Mass.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

E. COVERED KETTLES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Meriden Britannia Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

F. ENAMELLED KETTLES.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

G. FISH KETTLES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

H. HOTEL KETTLES, STEAM, JACKETED.
Bramhall-Deane Co., 264 Water St., New York.
Wm. H. Dopp & Son, Buffalo, N. Y.
John Van Range Co., 419 Elm St., Cincinnati, O.

I. IRON KETTLES.
Blymyer Iron Works Co., Cincinnati, O.
Bramhall-Deane Co., 264 Water St., New York.
Columbus Iron Works Co., Columbus, Ga.
Defiance Machine Works, Defiance, O.
F. L. Kahn & Bro., Hamilton, O.
Lithgow Mfg. Co., Louisville, Ky.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.

J. MILK KETTLES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.

K. PRESERVING KETTLES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Marietta Hollow Ware & Enameling Co., Marietta, Pa.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Stewart & Peterson Co., Burlington, N. J.
Troy Stamping Works, Troy, N. Y.

L. PUNCH KETTLES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

M. RANGE KETTLES, BRASS.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

N. RANGE KETTLES, COPPER.
Thomas Phillips Co., Providence, R. I.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

O. RANGE KETTLES, TIN.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

P. STOVE KETTLES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Lithgow Mfg. Co., Louisville, Ky.
Patton Mfg. Co., Columbus, O.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

Q. SWING KETTLES.
John C. Jewett Mfg. Co., Buffalo, N. Y.
A. Kraemer, S. 3d & Kent Av., Brooklyn, N. Y.

	Manning, Bowman & Co., Meriden, Conn.
R. TEA KETTLES.	Bellaire Stamping Co., Harvey, Ill.
	Hill, Whitney & Wood Co., 90 Canal St., Boston, Mass.
	Lithgow Mfg. Co., Louisville, Ky.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
S. TEA KETTLES, COPPER.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Geo. N. Pierce Co., Buffalo, N. Y.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
T. TEA KETTLES, ENAMELLED.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Patton Mfg. Co., Columbus, O.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
U. TEA KETTLES, TIN.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Hoy & Co., Albany, N. Y.
	John C. Jewett Mfg. Co., Buffalo, N. Y.
	Manning, Bowman & Co., Meriden, Conn.
	Meriden Bronze Co., Meriden, Conn.
	Geo. N. Pierce Co., Buffalo, N. Y.
	Sidney Shepard & Co., Buffalo, N. Y.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
	Troy Stamping Works, Troy, N. Y.
961. KETTLE SCRAPERS.	Nickel Plate Mfg. Co., Meriden, Conn.
962. KITCHEN HARDWARE.	Raritan Woodenware Works, Perth Amboy, N. J.
	Richmond Cedar Works, Ltd., Richmond, Va.
	Towel Rack & Novelty Co., Auburn, R. I.
	Udell Works, Indianapolis, Ind.
	Union Mfg. Co., Toledo, O.
963. KNEADING MACHINES.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
964. KNIFE RESTS, WIRE.	National Mfg. Co., Worcester, Mass.
	Woods, Sherwood & Co., Lowell, Mass.
965. KNIFE SHARPENERS.	American Specialty Mfg. Co., Hartford, Conn.
	New England Novelty Mfg. Co., Boston, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	F. R. Woodward, Hill, N. H.
A. KNIFE POLISHERS.	Towel Rack & Novelty Co., Auburn, R. I.
B. SCISSORS SHARPENERS.	Model Mfg. Co. of Pa., 197 Huntington St., Phila., Pa.
966. LADLES.	
A. ENAMELLED LADLES.	Bellaire Stamping Co., Harvey, Ill.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
B. ICE CREAM LADLES.	Crandall & Godley, 157 Franklin St., New York.
	Meriden Britannia Co., Meriden, Conn.
	Thos. Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.
C. SOUP LADLES.	Anchor Silver Plate Co., Oswego, N. Y.
	Bellaire Stamping Co., Harvey, Ill.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	Meriden Britannia Co., Meriden, Conn.
	Wm. Rogers Mfg. Co., Hartford, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
D. TIN LADLES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Sidney Shepard & Co., Buffalo, N. Y.
967. LAP BOARDS.	Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
	L. H. Mace & Co., 117 E. Houston St., New York.
	Ripley Mfg. Co., Unionville, Conn.
A. FOLDING LAP BOARDS.	Udell Works, Indianapolis, Ind.
	Wilkinson Mfg. Co., Binghamton, N. Y.
968. LEMON SQUEEZERS.	Chalfant Mfg. Co., Lancaster, Pa.
	L. M. De Vore & Co., Freeport, Ill.
	Erie Specialty Co., Erie, Pa.
	Edward S. Hotchkiss, Bridgeport, Conn.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	Logan & Strowbridge Iron Co., New Brighton, Pa.
	Nicol & Co., 57 W. Washington St., Chicago, Ill.
	Reed Mfg. Co., Erie, Pa.
	Ripley Mfg. Co., Unionville, Conn.
	John Sommer's Son, Newark, N. J.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
	Union Porcelain Works, Brooklyn, N. Y.
A. GLASS LEMON SQUEEZERS.	Max Loewenstein, 519 Broome St., New York.
	Silver & Co., Inc., 18 Warren St., New York.
B. LEMON DRILLS.	Nicol & Co., 57 W. Washington St., Chicago, Ill.
969. LIFTERS, KITCHEN.	
A. FRUIT JAR LIFTERS.	Range Mfg. Co., Meriden, Conn.
B. PAN LIFTERS.	Range Mfg. Co., Meriden, Conn.

C. PIE LIFTERS & TURNERS. New England Novelty Mfg. Co., Boston, Mass.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
D. PIE PLATE LIFTERS. X. Stoutenborough, 277 Pearl St., New York.
E. WIRE PLATE LIFTERS. Woods, Sherwood & Co., Lowell, Mass.

970. MATCH SAFES.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Samuel C. Tatum Co., Cincinnati, O.
J. J. Warren Co., 8 Washington Sq., Worcester, Mass.

A. BRASS MATCH SAFES.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Columbus Brass Co., Columbus, O.
P. & T. Corbin, New Britain, Conn.
Gould-Mersereau Co., 259 Canal St., New York.
E. S. Johnson & Co., 26 Maiden Lane, New York.
H. L. Judd & Co., 87 Chambers St., New York.
Landers, Frary & Clark, New Britain, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
J. & E. Stevens Co., Cromwell, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
Wojidkow & Gans, Brooklyn, N. Y.

B. ENAMELLED MATCH SAFES.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

C. LUMINOUS MATCH SAFES.
Enterprise Mfg. Co., Akron, O.
Weeden Mfg. Co., New Bedford, Mass.

D. TIN MATCH SAFES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.

971. MEAT JUICE PRESSES.
H. F. Osborn, Newark, N. J.

972. MOPS.
Arcade Mfg. Co., Freeport, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Stover Mfg. Co., Freeport, Ill.
Wire Goods Co., Worcester, Mass.

A. SELF-WRINGING MOPS.
Wilmot Castle & Co., Rochester, N. Y.

973. MOP WRINGERS.
Adjustable Chair Co., Cleveland, O.
Anderson Pole & Shaft Co., Anderson, Ind.

974. MOULDS.

A. CAKE MOULDS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

B. ICE CREAM MOULDS.
Valentine Clad & Sons, 117 S. 11th St., Philadelphia, Pa.
Crandall & Godley, 157 Franklin St., New York.
Wm. Hart, 34 Catherine St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Thos. Mills & Bros., 1301 N. 8th St., Philadelphia, Pa.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

C. JELLY MOULDS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

D. PUDDING MOULDS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

975. MUGS, ENAMELLED.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

976. NUT CRACKERS.
Acme Shear Co., Bridgeport, Conn.
L. M. Devore & Co., Freeport, Ill.
Humason & Beckley Mfg. Co., New Britain, Conn.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Landers, Frary & Clark, New Britain, Conn.
Meriden Britannia Co., Meriden, Conn.
Meriden Cutlery Co., Meriden, Conn.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
Nickel Plate Mfg. Co., Meriden, Conn.
C. S. Osborne & Co., Newark, N. J.
H. M. Quackenbush, Herkimer, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

977. OIL STOVE UTENSILS.	Boss Roaster Mfg. Co., Fort Wayne, Ind. Harkin & Willis, Ann Arbor, Mich. H. M. Hillson & Co., Summerville, Mass. E. H. Huenefeld, Cincinnati, O. Manning, Bowman & Co., Meriden, Conn. Monarch Stove & Mfg. Co., Mansfield, O.
978. PAILS.	
A. BATTER PAILS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
B. CHAMBER PAILS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Manning, Bowman & Co., Meriden, Conn.
C. CHAMBER PAILS, ENAMELLED.	Bellaire Stamping Co., Harvey, Ill. Buhl Stamping Co., Detroit, Mich. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
D. CHAMBER PAILS, FIBRE.	Cordley & Hayes, 172 Duane St., New York. Standard Fiber-Ware Co., Mankato, Minn.
E. CHAMBER PAILS, GALVANIZED.	James Hill Mfg. Co., Providence, R. I. Iron Clad Mfg. Co., 22 Cliff St., New York.
F. COMMODE PAILS, FIBRE.	Cordley & Hayes, 172 Duane St., New York. Standard Fiber-Ware Co., Mankato, Minn.
G. COVERED PAILS.	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo. W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
H. COVERED PAILS, GALVANIZED.	Iron Clad Mfg. Co., 22 Cliff St., New York. X. Stoutenborough, 277 Pearl St., New York.
I. DINNER PAILS.	Hoy & Co., Albany, N. Y. Matthai, Ingram & Co., Baltimore, Md. Sidney Shepard & Co., Buffalo, N. Y. W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y. Troy Stamping Works, Troy, N. Y.
J. GARBAGE PAILS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Zenner-Raymond Disinfectant Co., Detroit, Mich.
K. ICE WATER PAILS.	Cordley & Hayes, 172 Duane St., New York. X. Stoutenborough, 277 Pearl St., New York.
L. INDURATED FIBRE PAILS.	Cordley & Hayes, 172 Duane St., New York. Standard Fiber-Ware Co., Mankato, Minn.
M. IRON PAILS, GALVANIZED.	James Hill Mfg. Co., Providence, R. I. Iron Clad Mfg. Co., 22 Cliff St., New York.
N. MILK PAILS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. Manning, Bowman & Co., Meriden, Conn. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
O. MILK STRAINER PAILS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Hoy & Co., Albany, N. Y. Manning, Bowman & Co., Meriden, Conn.
P. PAPER PAILS.	Amer. Paper Pail & Box Co., 21 Rose St., New York. Cordley & Hayes, 172 Duane St., New York. Crume & Sefton Mfg. Co., Dayton, O. Dimock, Gould & Co., Moline, Ill. Jennings Bros., Fairfield, Conn. C. P. Poole & Co., 255 N. Front St., Philadelphia, Pa.
Q. RUBBER PAILS.	Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn. Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
R. SLOP PAILS.	Cordley & Hayes, 172 Duane St., New York. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
S. VALVE PAILS, GALVANIZED.	Central Stamping Co., 25 Cliff St., New York. Iron Clad Mfg. Co., 22 Cliff St., New York.
T. WATER PAILS, ENAMELLED.	Bellaire Stamping Co., Harvey, Ill. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
U. WATER PAILS, FIBRE.	Cordley & Hayes, 172 Duane St., New York. Standard Fiber-Ware Co., Mankato, Minn.
V. WATER PAILS, TIN.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y. Chicago Stamping Co., 227 S. Green St., Chicago, Ill. Albert Fisher Mfg. Co., Hamilton, O. Hoy & Co., Albany, N. Y. Troy Stamping Works, Troy, N. Y.
W. WATER PAILS, WOOD.	Bousfield Wooden Ware Co., Minneapolis, Minn. L. H. Mace & Co., 111 E. Houston St., New York. Richmond Cedar Works, Ltd., Richmond, Va.
979. PAN GRATES, WIRE.	National Mfg. Co., Worcester, Mass. Wire Goods Co., Worcester, Mass. Woods, Sherwood & Co., Lowell, Mass.
980. PANS.	
A. BAKING PANS.	Bellaire Stamping Co., Harvey, Ill. W. A. Daggett & Co., Vineland, N. J.

M. F. Koenig, Hazelton, Pa.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Marshallton Iron & Steel Co., Marshallton, Del.
Patton Mfg. Co., Columbus, O.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Troy Stamping Works, Troy, N. Y.

B. BREAD PANS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Patton Mfg. Co., Cleveland, O.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

C. CAKE PANS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
North Bros. Mfg. Co., Lehigh Av., Philadelphia, Pa.
J. W. Ruger Mfg. Co., 214 Chicago St., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

D. CORNCAKE PANS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

E. CRACKER PANS.
J. W. Ruger Mfg. Co., 214 Chicago St., Buffalo, N. Y.
St. Louis Stamping Co., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

F. CRUMB PANS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

G. DEEP DISH PANS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Troy Stamping Works, Troy, N. Y.

H. DRIPPING PANS.
Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
Marshallton Iron & Steel Co., Marshallton, Del.

I. DUST PANS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.

J. DUST PANS, CIRCULAR.
Wilmot Castle & Co., Rochester, N. Y.

K. EGG FRY PANS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

L. FRY PANS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

M. HAT RACK PANS.
Central Stamping Co., 25 Cliff St., New York.
Jas. L. Haven Co., Cincinnati, O.
X. Stoutenborough, 277 Pearl St., New York.

N. LADY FINGER PANS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

O. MILK PANS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Cordley & Hayes, 172 Duane St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Troy Stamping Works, Troy, N. Y.

P. MUFFIN PANS.
Lalance & Grosjean Mfg. Co., 10 Cliff St., New York.
Matthai, Ingram & Co., Baltimore, Md.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

Q. PATTY PANS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Troy Stamping Works, Troy, N. Y.

R. PUDDING PANS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Edmands & Hooper, Charlestown, Mass.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

	Troy Stamping Works, Troy, N. Y.
S. REFRIGERATOR PANS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Jas. Hill Mfg. Co., Providence, R. I.
	Iron Clad Mfg. Co., 22 Cliff St., New York.
	Sidney Shepard & Co., Buffalo, N. Y.
T. REFRIGERATOR PANS, FIBRE.	Cordley & Hayes, 172 Duane St., New York.
	Jennings Bros., Fairfield, Conn.
U. ROASTING PANS.	Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
	Marshallton Iron & Steel Co., Marshallton, Del.
V. SALT PANS.	Blymyer Iron Works Co., Cincinnati, O.
	Robert Deeley & Co., 507 W. 32d St., New York.
W. SAUCEPANS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Bellaire Stamping Co., Harvey, Ill.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Patton Mfg. Co., Columbus, O.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
	Stewart & Peterson Co., Burlington, N. J.
X. SAUCEPANS, COPPER.	Manning, Bowman & Co., Meriden, Conn.
	Thomas Phillips Co., Providence, R. I.
	Herman Strater & Sons, 74 Sudbury St., Boston, Mass.
	John Van Range Co., 419 Elm St., Cincinnati, O.
Y. SELF ROASTING PANS.	Central Stamping Co., 25 Cliff St., New York.
	X. Stoutenborough, 277 Pearl St., New York.
Z. STEW PANS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Bellaire Stamping Co., Harvey, Ill.
	Stewart & Peterson Co., Burlington, N. J.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
AA. STEW PANS, COPPER.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
BB. STOVE PANS.	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
	X. Stoutenborough, 277 Pearl St., New York.
CC. TART PANS.	Thomas Phillips Co., Providence, R. I.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
DD. TORTILLA PANS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	X. Stoutenborough, 277 Pearl St., New York.
EE. UMBRELLA PANS.	Gould-Mersereau Co., 259 Canal St., New York.
	Grand Rapids Brass Co., Grand Rapids, Mich.
	H. L. Judd & Co., 87 Chambers St., New York.
FF. WIRE & IRON PANS.	J. W. Ruger Mfg. Co., Buffalo, N. Y.
	X. Stoutenborough, 277 Pearl St., New York.

981. PIE RACKS, PORTABLE.

	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	National Mfg. Co., Worcester, Mass.
	Wire Goods Co., Worcester, Mass.
	Woods, Sherwood & Co., Lowell, Mass.

982. PITCHERS.

A. BEER PITCHERS.	Manning, Bowman & Co., Meriden, Conn.
	Meriden Britannia Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
B. ENAMELLED PITCHERS.	Bellaire Stamping Co., Harvey, Ill.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
C. FIBRE PITCHERS.	Cordley & Hayes, 172 Duane St., New York.
	Standard Fiber-Ware Co., Mankato, Minn.
D. MILK PITCHERS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
E. MOLASSES PITCHERS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
F. TIN PITCHERS.	Sidney Shepard & Co., Buffalo, N. Y.
	X. Stoutenborough, 277 Pearl St., New York.

983. PLANISHED WARE.

	Central Stamping Co., 25 Cliff St., New York.
	Columbus Brass Co., Columbus, O.
	Iron Clad Mfg. Co., 22 Cliff St., New York.
	Keen & Hagerty Mfg. Co., Baltimore, Md.
	A. Kreamer, S. 3d & Kent Av., Brooklyn, N. Y.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., St. Louis, Mo.
	S. Sternau & Co., 195 Plymouth St., Brooklyn, N, Y.
	X. Stoutenborough, 277 Pearl St., New York.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
	Wojidkow & Gans, 270 Kent Av., Brooklyn, N. Y.

984. PLATES, KITCHEN.

A. EGG PLATES.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

B. ENAMELLED PLATES.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

C. LETTERED PLATES.
Central Stamping Co., 25 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

D. PIE PLATES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.

E. SOUP PLATES.
Bellaire Stamping Co., Harvey, Ill.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

F. TIN PLATES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Crandall & Godley, 157 Franklin St., New York.
Wm. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.
Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.

G. WOODEN PLATES.
Creamery Package Mfg. Co., 1 W. Washington St., Chic., Ill.
Crume & Sefton Mfg. Co., Dayton, O.
Wm. P. Sanford Mfg. Co., 57 N. Moore St., New York.

985. POT HOOKS.
Avery Stamping Co., Cleveland, O.
Griswold Mfg. Co., Erie, Pa.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

986. POTS.

A. BEER POTS.
Central Stamping Co., 25 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

B. COFFEE & TEA POTS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Wilmot Castle & Co., Rochester, N. Y.
Hill, Whitney & Wood Co., 90 Canal St., Boston, Mass.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Paxton Hardware Mfg. Co., Paxton, Ill.
Phila. Scoop Co., 134 N. 2d St., Philadelphia, Pa.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

C. COOKING POTS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Lithgow Mfg. Co., Louisville, Ky.
Standard Mfg. Co., Pittsburg, Pa.
X. Stoutenborough, 277 Pearl St., New York.

D. IRON POTS.
Blymyer Iron Works Co., Cincinnati, O.
Byram & Co., Detroit, Mich.
F. & L. Kahn & Bro., Hamilton, O.
Lithgow Mfg. Co., Louisville, Ky.

E. SAUCE POTS.
Bellaire Stamping Co., Harvey, Ill.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

F. SOUP STOCK POTS.
Central Stamping Co., 25 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

G. STOVE POTS.
Central Stamping Co., 25 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.

H. WATERING POTS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Iron Clad Mfg. Co., 22 Cliff St., New York.
S. Obermayer Co., Cincinnati, O.
Rutland Fire Clay Co., Rutland, Vt.
Troy Stamping Works, Troy, N. Y.
Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.

987. PRESSES, DOMESTIC.
Athol Machine Co., Athol, Mass.
M. L. Edwards Co., Salem, O.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila, Pa.

988. RETINNED WARE.
Avery Stamping Co., Cleveland, O.
Central Stamping Co., 25 Cliff St., New York.
Haberman Mfg. Co., 78 Beekman St., New York.

A. Kreamer, S. 3d & Kent Av., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

989. REVOLVING FLY FANS. Bridgeport Brass Co., Bridgeport, Conn.
C. & C. Electric Co., 143 Liberty St., New York.
Matthai, Ingram Co., Baltimore, Md.

990. ROLLING PINS. E. B. Estes & Sons, 45 John St., New York.
Ohio Tool Co., Columbus, O.
John Sommer's Son, Newark, N. J.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Williams & Marvin, Deep River, Conn.

991. SAFES, KITCHEN.

A. CHEESE SAFES. E. T. Barnum, Detroit, Mich.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.

B. MEAT SAFES. Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton, New York.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Howard & Morse, 45 Fulton St., New York.
L. H. Mace & Co., 117 E. Houston St., New York.
J. W. Mason & Co., 406 Pearl St., New York.

C. PROVISION SAFES. W. P. Brewer, Birmingham, Ala.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Mattoon Mfg. Co., Sheboygan, Wis.
Robert Mitchell Furn. Co., 111 W. 4th St., Cincinnati, O.

992. SCOOPS, COAL. Central Stamping Co., 25 Cliff St., New York.
Hussey, Binns & Co., Ltd., Pittsburg, Pa.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., St. Louis, Mo.
X. Stoutenborough, 277 Pearl St., New York.

993. SIEVES.

A. ASH SIFTERS. L. H. Allen, Amherst Mass.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Newburgh Sifter Mfg. Co., 65 Broadway, Newburgh, N. Y.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

B. ASH SIFTERS, AUTOMATIC. Towel Rack & Novelty Mfg. Co., Auburn, R. I.

C. FLOUR SIEVES. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
J. H. Day, Cincinnati O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
Wickwire Bros., Cortland, N. Y.

D. FLOUR SIFTERS. Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
J. H. Day & Co., Harrison Av. & Borgen St., Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
Nordyke & Marmon Co., Indianapolis, Ind.
Richmond City Mill Works, Richmond, Ind.
Sidney Shepard & Co., Buffalo, N. Y.

E. SIFTER SHOVELS. Joseph H. Seed, 12 Centre St., New York.

994. SKILLETS. Avery Stamping Co., Cleveland, O.
Central Stamping Co., 25 Cliff St., New York.
Griswold Mfg. Co., Erie, Pa.
Iron Clad Mfg. Co., 22 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

995. SKIMMERS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
National Mfg. Co., Worcester, Mass.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

996. SLICERS, KITCHEN.

A. BREAD & CAKE SLICERS. Landers, Frary & Clark, New Britain, Conn.

B. EGG SLICERS. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

C. PINEAPPLE SLICERS. Sinclair-Scott Co., Baltimore, Md.

D. POTATO SLICERS. Goodell Co., Antrim, N. H.
Landers, Frary & Clark, New Britain, Conn.

E. REVOLVING SLICERS. Thos. W. Houchin Co., 67 Park Place, New York.
National Mfg. Co., Lancaster, Pa.

F. VEGETABLE SLICERS. Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila, Pa.

997. SLOP JARS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Cordley & Hayes, 172 Duane St., New York.

A. ENAMELLED SLOP JARS. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.

B. FIBRE SLOP JARS. Cordley & Hayes, 172 Duane St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Standard Fiber-Ware Co., Mankato, Minn.

C. HOTEL SLOP JARS. St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Standard Fiber-Ware Co., Mankato, Minn.

D. TIN SLOP JARS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Central Stamping Co., 25 Cliff St., New York.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 277 Pearl St., New York.

998. SOAP CUP HOLDERS. Searles Mfg. Co., 27 Mulberry St., Newark, N. J.

999. SOAP CUPS. Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
L. H. Mace & Co., 117 E. Houston St., New York.

1000. SOAP SHAKERS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bromwell Brush & Wire Goods Co., 429 Walnut, Cinn., O.
C. T. Williamson Wire Novelty Co., Newark, N. J.

1001. SOUP TUREENS. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

1002. SPICE CHESTS. Central Stamping Co., 25 Cliff St., New York.
St. Louis Stamping Co., St. Louis, Mo.
Sidney Shepard & Co., Buffalo. N. Y.
X. Stoutenborough, 277 Pearl St., New York.

1003. SPIDERS. Estate of Chas. Holmes, 23 W. 1st St., Boston, Mass.
Griswold Mfg. Co., Erie, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Patton Mfg. Co., Columbus, O.

1004. SPITTOONS. Bellaire Stamping Co., Harvey, Ill.
Cordley & Hayes, 172 Duane St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manhattan Brass Co., 338 E. 28th St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Stewart & Peterson Co., Burlington, N. J.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

A. FIBRE SPITTOONS. Jennings Bros., Fairfield, Conn.
Standard Fiber-Ware Co., Mankato, Minn.

B. IRON SPITTOONS. Jas. L. Haven Co., 56 Plum St., Cincinnati, O.

C. PHYSICIANS' & DENTISTS' FLUSHING SPITTOONS. A. Rosenberg Co., 629 N. Carey St., Baltimore, Md.

D. RUBBER SPITTOONS. American Hard Rubber Co., 9 Mercer St., New York.
Boston Belting Co., Boston, Mass.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
Quaker City Rubber Co., Philadelphia, Pa.

1005. SPONGE HOLDERS. Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
Searles Mfg. Co., 27 Mulberry St., Newark, N. J.

1006. SPOONS, KITCHEN.

A. BASTING SPOONS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Arlington Mfg. Co., 475 Broadway, New York.
Bellaire Stamping Co., Harvey, Ill.
H. W. Humphrey, Unionville, Conn.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Wm. Rogers Mfg. Co., Hartford, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

B. MUSTARD SPOONS. Piqua Handle & Mfg. Co., Piqua, O.

C. PEACH PITTING SPOONS. Sinclair-Scott Co., Baltimore, Md.

D. STEEL SPOONS & FORKS. Acme Shear Co., Bridgeport, Conn.
Chas. Parker Co., Meriden, Conn.

E. TINNED SPOONS. Atlas Mfg. Co., 127 Water St., New Haven, Conn.
C. Rogers & Bros., Meriden, Conn.

F. TIN SPOONS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
H. W. Humphrey, Unionville, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

1007. STAMPED WARE.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Bellaire Stamping Co., Harvey, Ill.
	Central Stamping Co., 25 Cliff St., New York.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Matthai, Ingram Co., Baltimore, Md.
	St. Louis Stamping Co., St. Louis, Mo.
	X. Stoutenborough, 277 Pearl St., New York.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
1008. STANDS.	
A. BOILER STANDS.	Standard Mfg. Co., Pittsburg, Pa.
B. DISH STANDS, WIRE.	Woods, Sherwood & Co., Lowell, Mass.
C. FRUIT STANDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
D. KETTLE STANDS.	Geiger & Bush, Bucyrus, O.
E. PLANT STANDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
F. SUGAR & FLOUR STANDS.	Mt. Washington Glass Co., New Bedford, Mass.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
G. TEA & COFFEE POT STANDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Chalfant Mfg. Co., Lancaster, Pa.
	Manning, Bowman & Co., Meriden, Conn.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	National Mfg. Co., Worcester, Mass.
	Nicol & Co., 55 W. Washington St., Chicago, Ill.
	Patton Mfg. Co., Columbus, O.
	Stover Mfg. Co., Freeport, Ill.
	Woods, Sherwood & Co., Lowell, Mass.
	Wrightsville Hardware Co., Wrightsville, Pa.
H. TILE TABLE STANDS.	Low Art Tile Co., Chelsea, Mass.
	Manning, Bowman & Co., Meriden, Conn.
I. WATER COOLER STANDS.	John C. Jewett Mfg. Co., Buffalo, N. Y.
	Landers, Frary & Clark, New Britain, Conn.
	William & Marvin, Deep River, Conn.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
1009. STEAK HAMMERS.	R. H. Brown & Co., New Haven, Conn.
	Illinois Cutlery Co., Decatur, Ill.
	Nicol & Co., 55 W. Washington St., Chicago, Ill.
	Ripley Mfg. Co., Unionville, Conn.
	N. R. Streeter & Co., Rochester, N. Y.
	Wrightsville Hardware Co., Wrightsville, Pa.
A. STEAK MAULS & ICE PICKS COMB.	Nicol & Co., 55 W. Washington St., Chicago, Ill.
B. STEAK MAULS, WOOD.	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
1010. STEAMERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	Sidney Shepard & Co., Buffalo, N. Y.
	Troy Stamping Works, Troy, N. Y.
A. BROWN BREAD STEAMERS.	McDowell Oven Co., 64 Pitts St., Boston, Mass.
1011. STEEL COOKING UTENSILS.	Avery Stamping Co., Cleveland, O.
1012. STOVE SCRAPERS.	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Lamson & Sessions Co., Cleveland, O.
	Wheeling Hinge Co., Wheeling, W. Va.
1013. STRAINERS.	
A. CUP STRAINERS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	National Mfg. Co., Worcester, Mass.
B. FAUCET STRAINERS.	O. H. Jewell Filter Co., 73 W. Jackson St., Chicago, Ill.
	National Mfg. Co., Worcester, Mass.
	Woods, Sherwood & Co., Lowell, Mass.
C. GRAVY STRAINERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	National Mfg. Co., Worcester, Mass.
D. MILK STRAINERS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Iron Clad Mfg. Co., 22 Cliff St., New York.
	Parks & Parks, Troy, N. Y.
	Sidney Shepard & Co., Buffalo, N. Y.
	Star Milk Cooler Co., Haddonfield, N. J.
E. TEA & COFFEE STRAINERS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Meriden Britannia Co., Meriden, Conn.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	National Mfg. Co., Worcester, Mass.
	X. Stoutenborough, 277 Pearl St., New York.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
	Wallace & Sons Mfg. Co., Wallingford, Conn.
	Woods, Sherwood & Co., Lowell, Mass.
F. TODDY STRAINERS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	National Mfg. Co., Worcester, Mass.

Herman Strater & Co., Worcester, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

G. WELL STRAINERS. Illinois Malleable Iron Co., W. Monroe St., Chicago, Ill.

H. WIRE STRAINERS. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
C. O. Jelliff & Co., Southport, Conn.
National Mfg. Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

1014. SWAB HOLDERS, WIRE. C. T. Williamson Wire Novelty Co., Newark, N. J.

1015. TABLE MATS.

A. RUBBER TABLE MATS. New Jersey Car Spring & Rubber Co., Jersey City, N. J.

B. WIRE TABLE MATS. Manning, Bowman & Co., Meriden, Conn.
National Mfg. Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

C. WOOD TABLE MATS. L. H. Mace & Co., 117 E. Houston St., New York.

1016. TABLE SAUCERS. Horton Cato Mfg. Co., Detroit, Mich.

1017. TEA BALLS. Meriden Britannia Co., Meriden, Conn.
National Mfg. Co., Worcester, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Woods, Sherwood & Co., Lowell, Mass.

1018. TEA STEEPERS. Bellaire Stamping Co., Harvey, Ill.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.

1019. TINWARE. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Jacob Block, 40 Elizabeth St., New York.
Central Stamping Co., 25 Cliff St., New York.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
Cincinnati Stamping Co., 386 Walnut St., Cincinnati, O.
Cincinnati Tin & Japan Co., Cincinnati, O.
Dover Stamping Co., 88 North St., Boston, Mass.
C. H. Fisk, Syracuse, N. Y.
Jas. Hill Mfg. Co., Providence, R. I.
Horne & Danz Co., St. Paul, Minn.
H. B. Hunt Stamping Works, Cleveland, O.
Kieckhefer Bros. Co., Milwaukee, Wis.
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Matthai, Ingram & Co., Baltimore, Md.
H. F. Miller & Son, Baltimore, Md.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
St. Louis Stamping Co., St. Louis, Mo.
Leo. Schlesinger & Co., 129 Crosby St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Wood & Bishop Co., Bangor, Me.

A. ANTI-RUSTING TINWARE. Matthai, Ingram & Co., Baltimore, Md.
X. Stoutenborough, 277 Pearl St., New York.

B. HEAVY TINWARE. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
Matthai, Ingram & Co., Baltimore, Md.

C. JAPANNED TINWARE. Adams & Westlake Co., Ontario St., Chicago, Ill.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Jacob Block, 40 Elizabeth St., New York.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
Cincinnati Stamping Co., 386 Walnut St., Cincinnati, O.
Dover Stamping Co., Boston, Mass.
Haberman Mfg. Co., 78 Beekman St., New York.
H. Haller Mfg. Co., Ltd., New Orleans, La.
Horne & Danz Co., St. Paul, Minn.
Hoy & Co., Albany, N. Y.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Matthai, Ingram & Co., Baltimore, Md.
Norton Bros., 813 Masonic Temple, Chicago, Ill.
St. Louis Stamping Co., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.
H. Wetler Mfg. Co., Memphis, Tenn.

D. ORNAMENTED TINWARE. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Matthai, Ingram & Co., Baltimore, Md.
Somers Bros., 3d Av., c. 3d St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.

E. PIECED TINWARE. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
Horne & Danz Co., St. Paul, Minn.

Matthai, Ingram & Co., Baltimore, Md.
Sidney Shepard & Co., Buffalo, N. Y.
H. Wetter Mfg. Co., Memphis, Tenn.

F. STAMPED TINWARE.
Jacob Block, 40 Elizabeth St., New York.
Central Stamping Co., 25 Cliff St., New York.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
Cincinnati Stamping Co., 386 Walnut St., Cincinnati, O.
Haberman Mfg. Co., 78 Beekman St., New York.
H. Haller Mfg. Co., Ltd., New Orleans, La.
Hoy & Co., Albany, N. Y.
Matthai, Ingram & Co., Baltimore, Md.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.
H. Wetter Mfg. Co., Memphis, Tenn.

1020. TOASTERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., 429 Walnut, Cinn., O.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
Paxton Hardware Mfg. Co., Paxton, Ill.
Woods, Sherwood & Co., Lowell, Mass.

1021. TOAST RACKS.
Meriden Britannia Co., Meriden, Conn.
National Mfg. Co., Worcester, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Woods, Sherwood & Co., Lowell, Mass.

1022. TOILET STANDS, COMPLETE.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
J. W. Fiske, 39 Park Place, New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Oakes & Burger, Cattaraugus, N. Y.
Otto Furniture Co., Williamsport, Pa.

1023. TOILET WARE, METAL.
Novelty Mfg. Co., Waterbury, Conn.

A. ENAMELLED TOILET WARE.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., St. Louis, Mo.

B. TIN TOILET WARE.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
Sidney Shepard & Co., Buffalo, N. Y.

1024. TOWEL HOLDERS.
Novelty Mfg. Co., Waterbury, Conn.
Jos. H. Seed, 12 Centre St., New York.
Westcott-Jewell Co., Seneca Falls, N. Y.

1025. TRAYS.

A. BED TRAYS.
Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
L. H. Mace & Co., 117 E. Houston St., New York.

B. BRASS TRAYS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., 87 Chambers St., New York.
Manning, Bowman & Co., Meriden, Conn.

C. BREAD TRAYS.
Anchor Silver Plate Co., Oswego, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

D. BUTLERS' TRAYS, COMPLETE.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Crane Bros., Westfield, Mass.
Florence Mfg. Co., Florence, Mass.
L. H. Mace & Co., 117 E. Houston St., New York.
Robert Mitchell Furn. Co., 111 W. 4th St., Cincinnati, O.
St. Anthony Furn. Co., St. Anthony Park, St. Paul, Minn.

E. CHILD'S TRAYS.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

F. CRUMB TRAYS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Anchor Silver Plate Co., Oswego, N. Y.
John C. Jewett Mfg. Co., Buffalo, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
X. Stoutenborough, 277 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

G. DRIP TRAYS, ENAMELLED IRON.
Haydenville Mfg. Co., 73 Beekman St., New York.
Standard Mfg. Co., Pittsburg, Pa.

H. ENAMELLED TRAYS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.
I. FOLDING TRAYS.	J. W. Mason & Co., 406 Pearl St., New York.
	Herbert S. Smith, 102 William St., New York.
J. KNIFE TRAYS.	A. B. Hauck, Lebanon, Pa.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	L. H. Mace & Co., 117 E. Houston St., New York.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
	Union Mfg. Co., Toledo, O.
K. MIRROR TRAYS.	J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.
L. PIN TRAYS.	Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
M. TEA TRAYS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Cordley & Hayes, 172 Duane St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	C. B. Porter & Co., 128 N. 2d St., Philadelphia, Pa.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
N. TIN TRAYS.	E. W. Bliss & Co., Plymouth St., Brooklyn, N. Y.
	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
	A. Weiskittel & Son, Baltimore, Md.
O. WIRE TRAYS.	Detroit Fence & Wire Goods Co., Detroit, Mich.
1026. TUBS.	
A. CEDAR TUBS.	Richmond Cedar Works, Ltd., Richmond, Va.
B. FIBRE TUBS.	Cordley & Hayes, 172 Duane St., New York.
	Jennings Bros., Fairfield, Conn.
C. KEELERS, CEDAR.	Richmond Cedar Works, Ltd., Richmond, Va.
D. KEELERS, FIBRE.	Cordley & Hayes, 172 Duane St., New York.
	Jennings Bros., Fairfield, Conn.
	Standard Fiber-Ware Co., Mankato, Minn.
E. WASH TUBS.	Beaver Mills, Keene, N. H.
	Bousfield Wooden Ware Co., Minneapolis, Minn.
	E. L. Goodrich & Co., Fair Haven, Vt.
	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
	Menasha Wooden Ware Co., Menasha, Wis.
	Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
	Richmond Cedar Works, Ltd., Richmond, Va.
	Samuel C. Tatum Co., Water & John Sts., Cincinnati, O.
F. WASH TUBS, FIBRE.	Cordley & Hayes, 172 Duane St., New York.
G. WOODEN TUBS.	Beaver Mills, Keene, N. H.
	Bousfield Wooden Ware Co., Minneapolis, Minn.
	Menasha Wooden Ware Co., Menasha, Wis.
	George Woolford, 2238 N. 9th St., Philadelphia, Pa.
1027. TUB STANDS.	A. J. Phillips Co., Fenton, Mich.
1028. TUMBLER WARMERS.	John C. Jewett Mfg. Co., Buffalo, N. Y.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	X. Stoutenborough, 277 Pearl St., New York.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
1029. URNS.	
A. COPPER URNS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Manning, Bowman & Co., Meriden, Conn.
	X. Stoutenborough, 277 Pearl St., New York.
	Herman Strater & Sons, 74 Sudbury St., Boston, Mass.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
B. ENAMELLED URNS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
	Stewart Enamel Co., Bellaire, O.
C. ORNAMENTAL URNS.	Anchor Silver Plate Co., Oswego, N. Y.
D. RESTAURANT URNS.	Manning, Bowman & Co., Meriden, Conn.
	X. Stoutenborough, 277 Pearl St., New York.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
E. STEAM URNS.	Wilmot Castle & Co., Rochester, N. Y.
	Manning, Bowman & Co., Meriden, Conn.
	X. Stoutenborough, 277 Pearl St., New York.
F. STOVE URNS.	Dayton Mfg. Co., Dayton, O.
	Manning, Bowman & Co., Meriden, Conn.
	X. Stoutenborough, 277 Pearl St., New York.
G. TEA & COFFEE URNS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Bramhall-Deane Co., 264 Water St., New York.
	Wilmot Castle & Co., Rochester, N. Y.
	Valentine Clad & Sons, Inc., 117 S. 11th St., Philadelphia, Pa.
	Crandall & Godley, 157 Franklin St., New York.
	Wm. G. Fischer Mfg. Co., 109 Church Place, Cincinnati, O.
	Manning, Bowman & Co., Meriden, Conn.
	John Van Range Co., 419 Elm St., Cincinnati, O.
	Wrought Iron Range Co., St. Louis, Mo.

H. TERRA COTTA URNS. Jacob C. Cassell, 109 Arch St., Philadelphia, Pa.

1030. VEGETABLE MASHERS.

Gibbs Mfg. Co., Canton, O.
F. E. Kohler & Co., Canton, O.

A. POTATO MASHERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Chalfant Mfg. Co., Lancaster, Pa.
H. W. Humphrey, Unionville, Conn.
Ohio Tool Co., Columbus, O.
John Sommer's Sons, Newark, N. J.
N. R. Streeter & Co., Rochester, N. Y.

B. POTATO MASHERS, WIRE.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
Paxton Hardware Mfg. Co., Paxton, Ill.
Woods, Sherwood & Co., Lowell, Mass.

C. POTATO MASHERS, WOOD.
Piqua Handle & Mfg. Co., Piqua, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Williams & Marvin, Deep River, Conn.

1031. WAFFLE IRONS.
Griswold Mfg. Co., Erie, Pa.
F. & L. Kahn & Bros., Hamilton, O.
Patton Mfg. Co., Columbus, O.
Stewart & Peterson Co., Burlington, N. J.

1032. WASH BASINS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Cordley & Hayes, 172 Duane St., New York.
Thos. Maddock & Sons, Trenton, N. J.
Standard Mfg. Co., Pittsburg, Pa.

A. BRASS WASH BASINS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Waterbury Brass Co., Waterbury, Conn.

B. COPPER WASH BASINS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Ansonia Brass & Copper Co., 19 Cliff St., New York.

C. ENAMELLED WASH BASINS.
Bellaire Stamping Co., Harvey, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

D. FIBRE WASH BASINS.
Jennings Bros., Fairfield, Conn.
Standard Fiber-Ware Co., Mankato, Minn.

E. TIN WASH BASINS.
Central Stamping Co., 25 Cliff St., New York.
X. Stoutenborough, 277 Pearl St., New York.
Troy Stamping Works, Troy, N. Y.

1033. WASH RAGS.
Star & Crescent Mills Co., Lehigh Av., Philadelphia, Pa.

1034. WATER CARRIERS.
John C. Jewett Mfg. Co., Buffalo, N. Y.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

1035. WATER HEATERS, INSTANTANEOUS.
Humphrey Mfg. & Plating Co., Kalamazoo, Mich.

1036. WINDOW CLEANERS, RUBBER.
D. W. Bosley & Co., 210 Washington Boulevard, Chicago, Ill.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
Towel Rack & Novelty Mfg. Co., Asburn, R. I.

XXI. JEWELRY.

1037. BADGES.

A. GOLD BADGES.
E. G. Braxmar, 47 Cortlandt St., New York.
Durand & Co., Inc., Newark, N. J.
Henry Guild & Sons, 433 Washington St., Boston, Mass.
Irons & Russell, 162 Friendship St., Providence, R. I.
J. & R. Lamb, 59 Carmine St., New York.
S. F. Myers Co., 48 Maiden Lane, New York.
E. R. Stockwell, 180 Broadway, New York.

B. SILVER BADGES.
E. G. Braxmar, 47 Cortlandt St., New York.
Durand & Co., Inc., Newark, N. J.
Henry Guild & Son, 433 Washington St., Boston, Mass.
J. & R. Lamb, 59 Carmine St., New York.
Lane Mfg. Co., Waterbury, Conn.
E. R. Stockwell, 180 Broadway, New York.

1038. BANGLES.
Thos. W. Adams & Co., Newark, N. J.
Alling & Co., Newark, N. J.
Bates & Bacon, Attleboro, Mass.

Day, Clark & Co., Newark, N. J.
Durand & Co., Inc., Newark, N. J.
E. I. Franklin & Co., N. Attleboro, Mass.
Reeves & Brown, Newark, N. J.
E. Ira Richards & Co., 68 Nassau St., New York.
Snow & Westcott, Providence, R. I.

A. STERLING BANGLES.
H. F. Barrows & Co., N. Attleboro, Mass.
S. Cottle Co., 31 E. 17th St., New York.
Durand & Co., Inc., Newark, N. J.
E. Ira Richards & Co., 68 Nassau St., New York.

1039. BARS, CHAIN.
H. F. Barrows & Co., N. Attleboro, Mass.
Bridgeport Chain Co., Bridgeport, Conn. *32
Geo. H. Fuller & Son, Pawtucket, R. I.
Larter, Elcox & Co., 21 Maiden Lane, New York.
E. Ira Richards & Co., 68 Nassau St., New York.
A. T. Wall & Co., Providence, R. I.

1040. BEADS, CORAL.
Goodman & Byck, 5 Bleecker St., New York.
S. M. Lewis & Co., 108 Eddy St., Providence, R. I.
Albert Lorsch & Co., Providence, R. I.

1041. BRACELETS.
Thos. W. Adams & Co., Newark, N. J.
Averbeck & Averbeck, 16 Maiden Lane, New York.
Wm. H. Ball & Co., 15 John St., New York.
H. F. Barrows & Co., N. Attleboro, Mass.
Bates & Bacon, Attleboro, Mass.
S. O. Bigney & Co., Providence, R. I.
James Bingham, 108 S. 8th St., Philadelphia, Pa.
Codding & Heilborn Co., N. Attleboro, Mass.
S. Cottle Co., 31 E. 17th St., New York.
J. L. Crandall & Co., Providence, R. I.
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S. F. Myers Co., 48 Maiden Lane, New York.
Plainville Stock Co., Plainville, Mass.
Reeves & Brown, Newark, N. J.
E. Ira Richards & Co., 68 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.
D. Wilcox & Co., Providence, R. I.

A. BLACK ONYX EARRINGS.
Cox, Cooper, Ward & Young, Inc., 26 John St., New York.

B. HOOP EARRINGS.
C. H. Cooke Co., Providence, R. I.
Cutler Jewelry Co., Providence, R. I.
Durand & Co., Inc., Newark, N. J.
Fargo & Valentine, Attleboro, Mass.
Hancock, Becker & Co., 40 Clifford St., Providence, R. I.
P. & A. Linton, Providence, R. I.
Plainville Stock Co., Plainville, Mass.
E. Ira Richards & Co., 68 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
F. M. Whiting Co., N. Attleboro, Mass.

1053. EMBLEMS, MASONIC & SOCIETY.
James Bingham, 108 S. 8th St., Philadelphia, Pa.
C. G. Braxmar, 47 Cortlandt St., New York.
C. C. Darling & Co., Providence, R. I.
Durand & Co., Inc., Newark, N. J.
Wm. F. Englehart, 205 Market St., Philadelphia, Pa.
Henry Guild & Son, 433 Washington St., Boston, Mass.
Irons & Russell, 102 Friendship St., Providence, R. I.
J. & R. Lamb, 59 Carmine St., New York.
S. F. Myers Co., 48 Maiden Lane, New York.
Thos. Parry & Sons, 712 Wood St., Philadelphia, Pa.
J. W. Richardson & Co., 1 Maiden Lane, New York.
Chas. M. Robbins, Attleboro, Mass.
Sinnock & Sherrill, 21 Maiden Lane, New York.
E. R. Stockwell, 180 Broadway, New York.
Waite, Mathewson & Co., 102 Orange St., Providence, R. I.

A. MASONIC SOCIETY CUFF BUTTON EMBLEMS.
C. G. Braxmar, 47 Cortlandt St., New York.

1054. HAIR ORNAMENTS.
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Day, Clark & Co., 21 Maiden Lane, New York.
W. D. Earl & Co., Leominster, Mass.
Hancock, Becker & Co., Providence, R. I.
Wm. Maas & Co., 370 Broadway, New York.
Eugene H. Richards, 7 Green St., Boston, Mass.
E. Ira Richards & Co., 68 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Tilton & Cook, Leominster, Mass.
F. M. Whiting Co., N. Attleboro, Mass.

1055. HOLDERS.

A. CUFF HOLDERS.
E. Ira Richards & Co., 68 Nassau St., New York.

B. EYE GLASS HOLDERS.
B. A. Ballou & Co., Providence, R. I.
W. N. Fisher & Co., Attleboro, Mass.
Ketcham & McDougall, 37 Maiden Lane, New York.
Martin, Copeland & Co., 37 Maiden Lane, New York.
E. Ira Richards & Co., 68 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Waite, Mathewson & Co., 102 Orange St., Providence, R. I.

C. SCARF HOLDERS.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
Sloan & Co., Inc., 21 Maiden Lane, New York.

1056. HOOPS, ROLLED PLATE.
C. H. Cooke Co., Providence, R. I.

E. Ira Richards & Co., 68 Nassau St., New York.

1057. JEWELRY.

A. AMBER JEWELRY.
S. & B. Lederer, Providence, R. I.
Wm. Maas & Co., 370 Broadway, New York.
Potter & Buffinton, Providence, R. I.

B. CELLULOID JEWELRY.
Celluloid Co., Newark, N. J.
S. & B. Lederer, Providence, R. I.

C. CORAL JEWELRY.
Cory & Reynolds, Providence, R. I.
G. P. Granbery, 114 E. 14th St., New York.
R. L. Griffith & Son Co., Providence, R. I.

D. DIAMOND JEWELRY.
G. Armeny, 90 Nassau St., New York.
James Bingham, 108 S. 8th St., Philadelphia, Pa.
Bonner, Grinberg, Rich & Co., 54 Maiden Lane, New York.
Bunde & Upmeyer, 121 Wisconsin St., Milwaukee, Wis.
S. Cottle Co., 31 E. 17th St., New York.
Cutler Jewelry Co., Providence, R. I.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
Mount & Woodhull, 26 Maiden Lane, New York.
S. F. Myers Co., 48 Maiden Lane, New York.
Chas. H. Pfeil, 182 State St., Chicago, Ill.
Potter & Buffinton, 19 Snow St., Providence, R. I.
William L. Sexton & Co., 41 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.
Waite-Thresher Co., Providence, R. I.
D. Wilcox & Co., Providence, R. I.

E. DIAMOND JEWELRY, IMITATION.
Fox & Co., 22 John St., New York.
Hancock, Becker & Co., Providence, R. I.
S. & B. Lederer, 66 Stewart St., Providence, R. I.
Wm. Maas & Co., 370 Broadway, New York.
R. L. Moorhead & Co., Providence, R. I.
S. F. Myers Co., 50 Maiden Lane, New York.

F. ELECTRO-PLATE JEWELRY.
A. Bushee & Co., Attleboro, Mass.
Freeman, Daughaday & Co., Chartley, Mass.
S. & B. Lederer, Providence, R. I.
P. & A. Linton, Providence, R. I.
Wm. H. Luther & Son, 214 Oxford St., Providence, R. I.
Wm. Maas & Co., 370 Broadway, New York.
New England Pearl Co., Providence, R. I.
Rothschild & Hadenfeldt, San Francisco, Cal.
Shreve & Co., San Francisco, Cal.
Simons Bros. & Co., 616 Chestnut St., Philadelphia, Pa.
Waite, Mathewson & Co., Providence, R. I.

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S. & B. Lederer, Providence, R. I.
Providence Emblem Co., Providence, R. I.
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Sloan & Co., Inc., 21 Maiden Lane, New York.

H. GOLD JEWELRY.
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Alling & Co., 2 Maiden Lane, New York.
Bassett Jewelry Co., Providence, R. I.
Bergestein & Son, 20 John St., New York.
Bugbee & Niles Co., N. Attleboro, Mass.
Durand & Co., Inc., Newark, N. J.
Hodenpyl & Sons, 170 Broadway, New York.
S. F. Myers Co., 48 Maiden Lane, New York.
Chas. F. Pfeil, 182 State St., Chicago, Ill.
E. Ira Richards & Co., 68 Nassau St., New York.
Enos Richardson & Co., 23 Maiden Lane, New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.

I. HAIR JEWELRY.
E. Burnham, 71 State St., Chicago, Ill.
S. & B. Lederer, Providence, R. I.
Wm. Maas & Co., 370 Broadway, New York.
Wm. E. Montoux, 2345 8th Av., New York.

J. HORN JEWELRY.
Walter M. Farwell & Co., Northboro, Mass.
Wm. Maas & Co., 370 Broadway, New York.
Sloan & Co., 21 Maiden Lane, New York.

K. IVORY JEWELRY.
Gorham Mfg. Co., Providence, R. I.

L. MOTHER OF PEARL JEWELRY.
S. P. Orth Co., 207 Quarry St., Philadelphia, Pa.

M. MOURNING JEWELRY.
D. F. Adams, Providence, R. I.
Cox, Cooper, Ward & Young, 26 John St., New York.
O. C. Devereux & Co., Providence, R. I.
S. & B. Lederer, Providence, R. I.

N. NICKEL JEWELRY.
H. F. Barrows & Co., N. Attleboro, Mass.
S. & B. Lederer, Providence, R. I.

O. OLD COIN JEWELRY.	D. F. Adams, Providence, R. I.
	F. M. Whiting Co., N. Attleboro, Mass.
P. ONYX JEWELRY.	D. F. Adams, Providence, R. I.
	Cox, Cooper, Ward & Young, Inc., 26 John St., New York.
	O. C. Devereux & Co., Providence, R. I.
	Freeman, Daughaday & Co., Chartley, Mass.
	G. P. Granberry, 114 E. 14th St., New York.
	Larter, Elcox & Co., 21 Maiden Lane, New York.
	S. & B. Lederer, Providence, R. I.
	Sinnock & Sherrill, 21 Maiden Lane, New York.
	Snow & Westcott, Providence, R. I.
Q. PEARL JEWELRY.	Bunde & Upmeyer, 121 Wisconsin St., Milwaukee, Wis.
	E. Huebner & Sons, Newark, N. J.
	New England Pearl Co., Providence, R. I.
	Novelty Pearl Co., 56 Dudley St., Providence, R. I.
	Phila. Pearl Novelty Co., 207 Quarry St., Philadelphia, Pa.
R. PEARL JEWELRY, IMITATION.	S. & B. Lederer, Providence, R. I.
	Wm. Maas & Co., 370 Broadway, New York.
S. RUBBER JEWELRY.	Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
T. SHELL JEWELRY.	Walter M. Farwell & Co., Northboro, Mass.
	W. K. Potter, Providence, R. I.
U. SILVER JEWELRY.	B. A. Ballou & Co., Providence, R. I.
	Codding & Heilborn Co., N. Attleboro, Mass.
	Durand & Co., Inc., Newark, N. J.
	S. & B. Lederer, Providence, R. I.
	Wm. H. Luther & Son, Providence, R. I.
	A. L. Moorhead & Co., Providence, R. I.
	S. F. Myers Co., 50 Maiden Lane, New York.
	Plainville Stock Co., Plainville, Mass.
	Read & Lincoln, Providence, R. I.
	E. Ira Richards & Co., 68 Nassau St., New York.
	Enos Richardson & Co., 23 Maiden Lane, New York.
	Sandland, Capron & Co. N. Attleboro, Mass.
	Sloan & Co., Inc., 21 Maiden Lane, New York.
	F. M. Whiting Co., N. Attleboro, Mass.
V. WHITE STONE JEWELRY.	Bugbee & Niles Co., N. Attleboro, Mass.
	S. & B. Lederer, Providence, R. I.
058. JEWELS, SOCIETY.	Ames Sword Co., Chicopee, Mass.
	Henry Guild & Son, 433 Washington St., Boston, Mass.
059. LOCKETS.	Albro & Co., Providence, R. I.
	Alling & Co., 2 Maiden Lane, New York.
	James Bingham, 108 S. 8th St., Philadelphia, Pa.
	Cory & Reynolds, Providence, R. I.
	O. C. Devereux & Co., Providence, R. I.
	Durand & Co., Inc., Newark, N. J.
	J. M. Fisher & Co., Attleboro, Mass.
	Theo. W. Foster & Bro. Co., Providence, R. I.
	Freeman, Daughaday & Co., Chartley, Mass.
	Hamilton & Hamilton, Jr., Providence, R. I.
	A. J. Hedges & Co., Newark, N. J.
	Kent & Stanley, Providence, R. I.
	S. & B. Lederer, Providence, R. I.
	Wm. H. Luther & Son, Providence, R. I.
	S. F. Myers Co., 48 Maiden Lane, New York.
	Eugene H. Richards, 7 Green St., Boston, Mass.
	E. Ira Richards & Co., 68 Nassau St., New York.
	Rothschild Bros., 51 Maiden Lane, New York.
	Sandland, Capron & Co., N. Attleboro, Mass.
	Snow & Westcott, Providence, R. I.
	Stanley Bros., Attleboro, Mass.
	Waite, Mathewson & Co., Providence, R. I.
A. SHELL LOCKETS.	W. K. Potter, Providence, R. I.
	August Trenkmann, 403 Broome St., New York.
1060. MEDALS.	Amer. Railway Supply Co., 24 Park Place, New York.
	C. G. Braxmar, 47 Cortlandt St., New York.
	Robert F. Cooke, 76 Nassau St., New York.
	Daggett & Clapp, Attleboro, Mass.
	J. H. Diehl, 19 N. 9th St., Philadelphia, Pa.
	Durand & Co., Inc., 49 Franklin St., Newark, N. J.
	W. J. Feeley Co., Providence, R. I.
	Henry Guild & Son, 433 Washington St., Boston, Mass.
	Irons & Russell, Providence, R. I.
	Peter L. Krider Co., 618 Chestnut St., Philadelphia, Pa.
	Schwaab Stamp & Seal Co., Milwaukee, Wis.
	Nelson Stafford, 66 Fulton St., New York.
	E. R. Stockwell, 180 Broadway, New York.

A. ALUMINUM MEDALS.
Aluminum Mfg. Co., Two Rivers, Wis.

B. SOCIETY MEDALS.
C. G. Braxmar, 47 Cortlandt St., New York.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
Peter L. Krider Co., 618 Chestnut St., Philadelphia, Pa.
J. & R. Lamb, 59 Carmine St., New York.
Eugene H. Richards, 7 Green St., Boston, Mass.
Sinnock & Sherrill, 21 Maiden Lane, New York.
E. R. Stockwell, 180 Broadway, New York.

1061. MONOGRAMS, SILVER.
Chicago Art Medal Works, 67 Lake St., Chicago, Ill.

1062. NECKLACES.
C. H. Cooke Co., Providence, R. I.
S. Cottle Co., 31 E. 17th St., New York.
Cutler Jewelry Co., Providence, R. I.
Daggett & Clapp, Attleboro, Mass.
Day, Clark & Co., Newark, N. J.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
A. J. Hedges & Co., Newark, N. J.
S. & B. Lederer, Providence, R. I.
Martin, Copeland & Co., 37 Maiden Lane, New York.
Potter & Buffinton, Providence. R. I.
E. Ira Richards & Co., 68 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Geo. L. Vose Mfg. Co., Providence, R. I.
Charles F. Wood & Co., 13 Maiden Lane, New York.

A. ROMAN PEARL NECKLACES.
E. Ira Richards & Co., 68 Nassau St., New York.
William L. Sexton & Co., 41 Maiden Lane, New York.

1063. NOVELTIES, JEWELRY.
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H. F. Barrows & Co., N. Attleboro, Mass.
Crossin & Co., 409 Pine St., Providence, R. I.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
A. J. Hedges & Co., Newark, N. J.
Larter, Elcox & Co., 21 Maiden Lane, New York.
S. & B. Lederer, Providence, R. I.
Wm. H. Luther & Son, Providence, R. I.
New England Pearl Co., Providence, R. I.
Bernard Rice's Sons, 518 Broadway, New York.
Eugene H. Richards, 7 Green St., Boston, Mass.
E. Ira Richards & Co., 68 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Waite, Mathewson & Co., Providence, R. I.
F. M. Whiting Co., N. Attleboro, Mass.

A. ROMAN JEWELRY NOVELTIES.
Block & Bergfels, 336 Mulberry St., Newark, N. J.
S. & B. Lederer, Providence, R. I.
N. B. Nickerson, Providence, R. I.
E. Ira Richards & Co., 68 Nassau St., New York.
Enos Richardson & Co., 23 Maiden Lane, New York.

B. SILVER JEWELRY NOVELTIES.
H. F. Barrows & Co., N. Attleboro, Mass.
S. Cottle Co., 31 E. 17th St., New York.
Durand & Co., Newark, N. J.
Hamilton & Hamilton, Jr., Providence, R. I.
S. & B. Lederer, Providence, R. I.
Manhattan Silver Plate Co., 253 Broadway, New York.
S. F. Myers Co., 48 Maiden Lane, New York.
E. Ira Richards & Co,, 68 Nassau St., New York.
Sloan & Co., 21 Maiden Lane, New York.
F. M. Whiting Co., N. Attleboro, Mass.

1064. PENDANTS.
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W. G. Clark & Co., Attleboro, Mass.
Cory & Reynolds, Providence, R. I.
Durand & Co., Inc., Newark, N. J.
Fowler Bros., Providence, R. I.
Hancock, Becker & Co., Providence, R. I.
A. J. Hedges & Co., Newark, N. J.
R. L. Moorhead & Co., Providence, R. I.
Ripley-Howland Mfg. Co., 383 Wash. St., Boston, Mass.
Rothschild Bros., 51 Maiden Lane, New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
A. T. Wall & Co., Providence, R. I.

1065. PINS.

A. BAR PINS.
Thos. W. Adams & Co., Newark, N. J.
Averbeck & Averbeck, 16 Maiden Lane, New York.
B. Ballou & Co., Providence, R. I.
H. F. Barrows & Co., N. Attleboro, Mass.
R. Blackinton & Co., N. Attleboro, Mass.

Bliss Bros., Attleboro, Mass.
Bonner, Grinberg, Rich & Co., 54 Maiden Lane, New York.
B. B. Brady & Co., N. Attleboro, Mass.
Brooks & Pike, 383 Washington St., Boston, Mass.
Bugbee & Niles Co., N. Attleboro, Mass.
W. G. Clarke & Co., Attleboro Falls, Mass.
Codding, Heilborn & Co., N. Attleboro, Mass.
C. H. Cooke Co., Providence, R. I.
Cory & Reynolds, Providence, R. I.
J. L. Crandall & Co., Providence, R. I.
Crossin & Co., Providence, R. I.
Cutler Jewelry Co., Providence, R. I.
Daggett & Clapp, Attleboro, Mass.
O. C. Devereux & Co., Providence, R. I.
Durand & Co., Inc., Newark, N. J.
Theo. W. Foster & Bro. Co., Providence, R. I.
Fowler Bros., Providence, R. I.
E. I. Franklin & Co., N. Attleboro, Mass.
Freeman, Daughaday & Co., Chartley, Mass.
Hancock, Becker & Co., Providence, R. I.
O. W. Hawkins & Co., Attleboro, Mass.
A. J. Hedges & Co., Newark, N. J.
S. & B. Lederer, Providence, R. I.
Wm. H. Luther & Son, Providence, R. I.
Wm. Maas & Co., 370 Broadway, New York.
R. L. Moorhead & Co., Providence, R. I.
S. F. Myers Co., 48 Maiden Lane, New York.
Plainville Stock Co., Plainville, Mass.
Potter & Buffinton, Providence, R. I.
Reeves & Brown, Newark, N. J.
Regnell, Bigney & Co., Attleboro, Mass.
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E. Ira Richards & Co., 68 Nassau St., New York.
Ripley-Howland Mfg. Co., 383 Wash. St., Boston, Mass.
Sandland, Capron & Co., N. Attleboro, Mass.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.
Stern Bros. & Co., 63 Nassau St., New York.
Waite, Mathewson & Co., Providence, R. I.
Charles A. Wetherell & Co., Attleboro, Mass.

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E. Ira Richards & Co., 68 Nassau St., New York.

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Durand & Co., Inc., 49 Franklin St., Newark, N. J.
E. I. Franklin & Co., N. Attleboro, Mass.
A. J. Hedges & Co., Newark, N. J.
Plainville Stock Co., Plainville, Mass.
Reeves & Brown, Newark, N. J.
Regnell, Bigney & Co., Attleboro, Mass.
Eugene H. Richards, 7 Green St., Boston, Mass.
E. Ira Richards & Co., 68 Nassau St., New York.
William L. Sexton & Co., 41 Maiden Lane, New York.
Simmons & Paye, Providence, R. I.
Sloan & Co., Inc., 21 Maiden Lane, New York.

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Bugbee & Niles Co., N. Attleboro, Mass.
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J. L. Crandall & Co., Providence, R. I.
Crossin & Co., Providence, R. I.
Cutler Jewelry Co., Providence, R. I.
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Ostby & Barton Co., Providence, R. I.
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F. M. Whiting Co., N. Attleboro, Mass.

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J. L. Crandall & Co., Providence, R. I.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
A. J. Hedges & Co., Newark, N. J.
Irons & Russell, Providence, R. I.
R. L. Moorehead & Co., Providence, R. I.
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Ripley-Howland Mfg. Co., 383 Wash. St., Boston, Mass.
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F. HAIR PINS.
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Cheever, Tweedy & Co., N. Attleboro, Mass.
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A. J. Hedges & Co., Newark, N. J.
Plainville Stock Co., Plainville, Mass.
E. Ira Richards & Co., 68 Nassau St., New York.
Sandland, Capron & Co., N. Attleboro, Mass.
William L. Sexton & Co., 41 Maiden Lane, New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.

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B. A. Ballou & Co., Providence, R. I.
C. H. Cooke Co., Providence, R. I.
J. L. Crandall & Co., Providence, R. I.
Cutler Jewelry Co., Providence, R. I.
Durand & Co. Inc., Newark, N. J.
E. I. Franklin & Co., N. Attleboro, Mass.
Wm. C. Greene & Co., Providence, R. I.
Hancock, Becker & Co., Providence, R. I.
Horton, Angell & Co., Attleboro, Mass.
S. F. Myers Co., 48 Maiden Lane, New York.
Potter & Buffington, Providence, R. I.
Reeves & Brown, Newark, N. J.
E. Ira Richards & Co., 68 Nassau St., New York.
Schofield Battey Co., Providence, R. I.
Waite, Mathewson & Co., Providence, R. I.

H. NATIONAL FLAG PINS.
Chas. M. Robbins, Attleboro, Mass.

I. RIBBON PINS.
A. J. Hedges & Co., Newark, N. J.
Howe Mfg. Co., Derby, Conn.
E. Ira Richards & Co., 68 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.

J. ROLLED PLATE PINS.
S. & B. Lederer, Providence, R. I.
P. & A. Linton, Providence, R. I.
R. L. Moorhead & Co., Providence, R. I.
E. Ira Richards & Co., 68 Nassau St., New York.
Charles A. Wetherell & Co., Attleboro, Mass.

K. SCARF PINS.
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Alling & Co., 2 Maiden Lane, New York.
Wm. H. Ball & Co., 15 John St., New York.
James Bingham, 108 S. 8th St., Philadelphia, Pa.
Block & Bergfels, 336 Mulberry St., Newark, N. J.
B. B. Brady & Co., N. Attleboro, Mass.
Codding & Heilborn Co., N. Attleboro, Mass.
Cory & Reynolds, Providence, R. I.
Cressin & Co., Providence, R. I.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
E. I. Franklin & Co., N. Attleboro, Mass.
Freeman, Daughaday & Co., Chartley, Mass.
Wm. C. Greene & Co., Providence, R. I.
Hancock, Becker & Co., Providence, R. I.
A. J. Hedges & Co., Newark, N. J.
Henry Henrich, 35 Maiden Lane, New York.
Wm. F. Herring & Co., Attleboro, Mass.
W. O. Hutchins & Co., Providence, R. I.
Krementz & Co., 49 Chestnut St., Newark, N. J.
P. & A. Linton, Providence, R. I.
Wm. H. Luther & Son, Providence, R. I.
R. L. Moorhead & Co., Providence, R. I.
Plainville Stock Co., Plainville, Mass.
Reeves & Brown, Newark, N. J.

E. Ira Richards & Co., 68 Nassau St., New York.
Simmons & Paye, Providence, R. I.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.
Waite-Thresher Co., Providence, R. I.
D. Wilcox & Co., Providence, R. I.

L. SCARF PINS, PLATED.
R. Blackington & Co., N. Attleboro, Mass.
O. C. Devereux & Co., Providence, R. I.
Theo. W. Foster & Bro. Co., Providence, R. I.
S. & B. Lederer, Providence, R. I.
Wm. H. Luther & Son, Providence, R. I.
R. L. Moorhead & Co., Providence, R. I.
S. F. Myers Co., 48 Maiden Lane, New York.
Plainville Stock Co., Plainville, Mass.
E. Ira Richards & Co., 68 Nassau St., New York.
Sandland, Capron & Co., N. Attleboro, Mass.

M. SHAWL PINS.
Durand & Co., Inc., Newark, N. J.
Freeman, Daughaday & Co., Chartley, Mass.
Howe Mfg. Co., Derby, Conn.
S. & B. Lederer, Providence, R. I.
E. Ira Richards & Co., 63 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.

N. SOCIETY PINS.
C. G. Braxmar, 47 Cortlandt St., New York.
Durand & Co., Inc., Newark, N. J.
Irons & Russell, Providence, R. I.
S. & B. Lederer, Providence, R. I.
Josiah W. Richardson & Co., Providence, R. I.
E. R. Stockwell, 180 Broadway, New York.
Waite, Mathewson & Co., Providence, R. I.

O. STICK PINS.
Cory & Reynolds, Providence, R. I.
Wm. Loeb & Co., Providence, R. I.

1066. RINGS.

A. BAND RINGS.
Durand & Co., Inc., Newark, N. J.
A. J. Hedges & Co., Newark, N. J.
Larter, Elcox & Co., 21 Maiden Lane, New York.
S. & B. Lederer, Providence, R. I.
S. F. Myers Co., 48 Maiden Lane, New York.
Ostby & Barton Co., Providence, R. I.
Palmer & Capron, 20 Maiden Lane, New York.
Ripley-Howland Mfg. Co., Washington St., Boston, Mass.
Shafer & Douglass, Newark, N. J.
J. R. Wood & Son, 21 Maiden Lane, New York.

B. BANGLE RINGS.
Durand & Co., Inc., Newark, N. J.
Larter, Elcox & Co., 21 Maiden Lane, New York.
S. & B. Lederer, Providence, R. I.
Palmer & Capron, 20 Maiden Lane, New York.
E. Ira Richards & Co., 63 Nassau St., New York.

C. FIRE GILT RINGS.
S. & B. Lederer, Providence, R. I.

D. GOLD ENGRAVED RINGS.
Durand & Co., Inc., Newark, N. J.
Larter, Elcox & Co., 21 Maiden Lane, New York.
Martin, Copeland & Co., 37 Maiden Lane, New York.
Palmer & Capron, 20 Maiden Lane, New York.
Shafer & Douglass, Newark, N. J.
Geo. O. Street & Sons, 24 John St., New York.

E. GOLD RINGS.
Thos. W. Adams & Co., Newark, N. J.
J Beck & Son, 10 Liberty Place, New York.
Block & Bergfels, Newark, N. J.
Bonner, Grinberg, Rich & Co., 54 Maiden Lane, New York.
J. B. Bowden & Co., 3 Maiden Lane, New York.
Brooks & Pike, 383 Washington St., Boston, Mass.
M. B. Bryant & Co., 10 Maiden Lane, New York.
Bugbee & Niles Co., N. Attleboro, Mass.
Thos. E. Carpenter, Providence, R. I.
S. B. Champlin & Son, Providence, R. I.
Durand & Co., Inc., Newark, N. J.
Geo. H. Fuller & Son, Pawtucket, R. I.
Hancock, Becker & Co., Providence, R. I.
A. J. Hedges & Co., Newark, N. J.
Henry Henrich, 35 Maiden Lane, New York.
G. H. Howeth, Syracuse, N. Y.
W. O. Hutchins & Co., Providence, R. I.
Hutchison & Huestis, Providence, R. I.
Larter, Elcox & Co., 21 Maiden Lane, New York.
S. & B. Lederer, Providence, R. I.
E. A. Lehman & Co., 20 Maiden Lane, New York.
P. & A. Linton, Providence, R. I.

Wm. H. Luther & Son, Providence, R. I.
R. L. Moorhead & Co., Providence, R. I.
H. Muhr's Sons, 1110 Chestnut St., Philadelphia, Pa.
S. F. Myers Co., 48 Maiden Lane, New York.
Ostby & Barton Co., Providence, R. I.
Palmer & Capron, Providence, R. I.
E. Ira Richards & Co., 63 Nassau St., New York.
Ripley-Howland Mfg. Co., Washington St., Boston, Mass.
William L. Sexton & Co., 41 Maiden Lane, New York.
Shafer & Douglass, Newark, N. J.
Sinnock & Sherrill, 21 Maiden Lane, New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Wm. Smith & Co., 13 Maiden Lane, New York.
Stern Bros. & Co., 68 Nassau St., New York.
Geo. O. Street & Sons, 24 John St., New York.
Waite-Thresher Co., Providence, R. I.
D. Wilcox & Co., Providence, R. I.
J. R. Wood & Sons, 21 Maiden Lane, New York.

F. NOVELTY RINGS.
Block & Bergfels, Newark, N. J.
Henry Henrich, 35 Maiden Lane, New York.
W. O. Hutchins & Co., Providence, R. I.
Larter, Elcox & Co., 21 Maiden Lane, New York.
S. & B. Lederer, Providence, R. I.
Stern Bros. & Co., 30 Maiden Lane, New York.

G. PLATED RINGS.
Clark & Coombs, Providence, R. I.
S. & B. Lederer, Providence, R. I.
P. & A. Linton, Providence, R. I.
Palmer & Capron, Providence, R. I.

H. SCARF RINGS.
Thos. W. Adams & Co., Newark, N. J.
W. G. Clarke & Co., Attleboro Falls, Mass.
Codding, Heilborn & Co., N. Attleboro, Mass.
J. L. Crandall & Co., Providence, R. I.
O. C. Devereux & Co., Providence, R. I.
Durand & Co., Inc., Newark, N. J.
Fowler Bros., Providence, R. I.
O. W. Hawkins & Co., Attleboro, Mass.
A. J. Hedges & Co., Newark, N. J.
S. & B. Lederer, Providence, R. I.
Ostby & Barton, Providence, R. I.
Eugene H. Richards, 7 Green St., Boston, Mass.
E. Ira Richards & Co., 63 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.

I. SILVER RINGS.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
O. W. Hawkins, Attleboro, Mass.
Larter, Elcox & Co., 21 Maiden Lane, New York.
Martin, Copeland & Co., 37 Maiden Lane, New York.
Palmer & Capron, Providence, R. I.
E. Ira Richards, & Co., 63 Nassau St., New York.

J. SOCIETY RINGS.
C. G. Braxmar, 47 Cortlandt St., New York.

K. STONE RINGS.
Block & Bergfels, 336 Mulberry St., Newark, N. J.
J. B. Bowden & Co., 3 Maiden Lane, New York.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
Henderson & Winter, 15 Maiden Lane, New York.
Henry Henrich, 35 Maiden Lane, New York.
W. O. Hutchins & Co., Providence, R. I.
Larter, Elcox & Co., 21 Maiden Lane, New York.
S. & B. Lederer, Providence, R. I.
H. Muhr's Sons, 1110 Chestnut St., Philadelphia, Pa.
Ostby & Barton Co., Providence, R. I.
Ripley-Howland Mfg. Co., Washington St., Boston, Mass.
Shafer & Douglass, Newark, N. J.
Sinnock & Sherrill, 21 Maiden Lane, New York.
Stern Bros. & Co., 68 Nassau St., New York.

L. STONE RINGS, SOLID GOLD.
Durand & Co., Inc., Newark, N. J.
Larter, Elcox & Co., 21 Maiden Lane, New York.
Palmer & Capron, 20 Maiden Lane, New York.
Sinnock & Sherrill, 21 Maiden Lane, New York.

1067. SETS, JEWELRY.

A. COMBINATION JEWELRY SETS.
Freeman, Daughaday & Co., Chartley, Mass.
Hancock, Becker & Co., Providence, R. I.
Horton, Angell & Co., Attleboro, Mass.
Mason, Howard & Co., Attleboro Falls, Mass.
Waite, Mathewson & Co., Providence, R. I.
H. Wexel & Co., Attleboro, Mass.

B. LADIES' SETS.
B. B. Brady & Co., N. Attleboro, Mass.
Daggett & Clapp, Attleboro, Mass.

C. SHIRT WAIST SETS.
Hancock, Becker & Co., Providence, R. I.
New England Pearl Co., Providence, R. I.
Geo. L. Vose Mfg. Co., Providence, R. I.

1068. STUDS.
Alling & Co., 2 Maiden Lane, New York.
Wm. F. Herring & Co., Attleboro, Mass.
Larter, Elcox & Co., 21 Maiden Lane, New York.
Mason, Howard & Co., Attleboro Falls, Mass.
New England Pearl Co., Providence, R. I.

A. GOLD STUDS.
B. A. Ballou & Co., Providence, R. I.
C. L. Barrows & Co., Attleboro Falls, Mass.
Block & Bergfels, Newark, N. J.
Bonner, Grinberg, Rich & Co., 54 Maiden Lane, New York.
S. Cottle Co., 31 E. 17th St., New York.
Daggett & Clapp, Attleboro, Mass.
Day, Clark & Co., 21 Maiden Lane, New York.
Durand & Co., Inc., Newark, N. J.
E. I. Franklin & Co., N. Attleboro, Mass.
Freeman, Daughaday & Co., Chartley, Mass.
Hancock, Becker & Co., Providence, R. I.
A. J. Hedges & Co., Newark, N. J.
Larter, Elcox & Co., 21 Maiden Lane, New York.
Wm. H. Luther & Son, Providence, R. I.
R. L. Moorhead & Co., Providence, R. I.
Potter & Buffinton, Providence, R. I.
E. Ira Richards & Co., 63 Nassau St., New York.
Ripley-Howland Mfg. Co., Washington St., Boston, Mass.
Schofield, Battey & Co., Providence, R. I.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.
Geo. O. Street & Sons, 24 John St., New York.
Waite-Thresher Co., Providence, R. I.

B. ROLLED GOLD STUDS.
Bugbee & Niles Co., N. Attleboro, Mass.
O. C. Devereux & Co., Providence, R. I.
R. R. Fogel & Co., 177 Broadway, New York.
R. L. Moorhead & Co., Providence, R. I.
E. Ira Richards & Co., 63 Nassau St., New York.
Geo. L. Vose Mfg. Co., Providence, R. I.

C. SEPARABLE STUDS.
Horton, Angell & Co., Attleboro, Mass.
E. Ira Richards & Co., 63 Nassau St., New York.
H. Wexel & Co., Attleboro, Mass.

D. WHITE STONE STUDS.
Barker Mfg. Co., Providence, R. I.
R. L. Moorhead & Co., Providence, R. I.

1069. THIMBLES.

A. GOLD THIMBLES.
Durand & Co., Inc., 49 Franklin St., Newark, N. J.
Ketcham & McDougall, 37 Maiden Lane, New York.
H. Muhr's Sons, 1110 Chestnut St., Philadelphia, Pa.
Simons Bros. & Co., 616 Chestnut St., Philadelphia, Pa.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Stern Bros. & Co., 68 Nassau St., New York.
Waite-Thresher Co., Providence, R. I.
F. M. Whiting Co., N. Attleboro, Mass.

B. SILVER THIMBLES.
Ketcham & McDougall, 37 Maiden Lane, New York.
H. Muhr's Sons, 1110 Chestnut St., Philadelphia, Pa.
Simons Bros. & Co., 616 Chestnut St., Philadelphia, Pa.
Stern Bros. & Co., 68 Nassau St., New York.
Waite-Thresher Co., Providence, R. I.
F. M. Whiting Co., N. Attleboro, Mass.

1070. TOOTHPICKS, GOLD.
E. S. Johnson & Co., 26 Maiden Lane, New York.
F. T. Pearce & Co., Providence, R. I.

1071. WATCH PROTECTORS.
Geo. H. Fuller & Son, Pawtucket, R. I.
E. Ira Richards & Co., 63 Nassau St., New York.

1072. WATCH SEALS.
Bliss Bros., Attleboro, Mass.
Larter, Elcox & Co., 21 Maiden Lane, New York.
Reeves & Brown, Newark, N. J.
E. Ira Richards & Co., 63 Nassau St., New York.
Sloan & Co., Inc., 21 Maiden Lane, New York.
Snow & Westcott, Providence, R. I.
Geo. O. Street & Sons, 24 John St., New York.

XXII. LEATHER.

1073. ALLIGATOR LEATHER.

I. W. Dawson & Co., Newark, N. J.
Driscoll Tanning Co., 2415 S. 3d St., St. Louis, Mo.
Dwyer Leather Co., Newark, N. J.
H. Hahn & Strumpf, Harrison, N. J.
Thos. V. Johnston, 56 Union Square, New York.
Kaufherr & Co., Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
R. G. Salomon, Newark, N. J.
F. A. Schaeffer, Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
White Bros. & Co., Lowell, Mass.

1074. ARTIFICIAL LEATHER.

Boston Artificial Leather Co., Pearl St., Boston, Mass.
R. Neumann & Co., 76 Duane St., New York.
Pantasote Leather Co., 29 Broadway, New York.

1075. BAG LEATHER.

Aug. Barth, New Albany, Ind.
Philip Corell, 74 Duane St., New York.
J. G. Curtis Leather Co., Ludlow, Pa.
H. Hahn & Strumpf, Harrison, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Henry Lang, Newark, N. J.
John C. Lighthouse, Rochester, N. Y.
Mark W. Mahon Leather Co., Newark, N. J.
W. W. Mooney & Sons, Columbus, Ind.
J. N. Moore, Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Inc., Newark, N. J.
Theron Rockwell, 195 William St., New York.
F. A. Schaeffer, Newark, N. J.
C. L. & R. E. Smith, Newark, N. J.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.

1076. BELLOWS LEATHER.

Driscoll Tanning Co., 2415 S. 3d St., St. Louis, Mo.
Dwyer Leather Co., Newark, N. J.
Fayerweather & Ladew, 159 E. Houston St., New York.
H. Hahn & Strumpf, Harrison, N. J.
J. W. & A. P. Howard & Co., Corry, Pa.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Newark, N. J.
Theron Rockwell, 195 William St., New York.
C. L. & R. E. Smith, Newark, N. J.
United States Leather Co., 28 Ferry St., New York.

1077. BELTING LEATHER.

American Oak Leather Co., 141 Main St., Cincinnati, O.
Conrad Tanning Co., Louisville, Ky.
A. Groetzinger & Sons, Allegheny City, Pa.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
W. W. Mooney & Sons, Columbus, Ind.
Hans Rees' Sons, 17 Ferry St., New York.
Theron Rockwell, 195 William St., New York.
C. C. Smoot & Sons Co., Alexandria, Va.
William Sumner Belting Co., Tolland, Conn.
Union Belt Co., 66 Troy St., Fall River, Mass.
United States Leather Co., 28 Ferry St., New York.
J. F. & C. G. Warren, 151 Front St., Worcester, Mass.
Weatherhead, Thompson & Co., Pawtucket, R. I.

1078. BOOKBINDERS' LEATHER.

Adams & Keen, 60 N. 5th St., Philadelphia, Pa.
F. Blumenthal & Co., 193 William St., New York.
M. Caffrey, Newark, N. J.
Conroy & Weyrauch, 45 Morris Av., Newark, N. J.
Philip Corell, 74 Duane St., New York.
Dwyer Leather Co., 62 Ferguson St., Newark, N. J.
Thos. Garnar & Co., 181 William St., New York.
T. P. Howell & Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Mark W. Mahon Leather Co., Newark ,N. J.
W. W. Mooney & Sons, Columbus, Ind.

J. N. Moore, Newark, N. J.
Palmer, Smith & Co., Inc., Newark, N. J.
Richard Retter, Louisville, Ky.
Theron Rockwell, 195 William St., New York.
F. A. Schaeffer, Newark, N. J.
C. L. & R. E. Smith, Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.
Winslow Bros., Norwood, Mass.
Richard Young Co., 35 Spruce St., New York.

1079. BUCKSKINS. United States Leather Co., 28 Ferry St., New York.
West Mill Leather Co., Gloversville, N. Y.
White Bros. & Co., Lowell, Mass.
Richard Young Co., 35 Spruce St., New York.

1080. CALF. J. S. Barnet & Bros., Little Falls, N. Y.
Cappon & Bertsch Leather Co., Holland, Mich.
Philip Corell, 74 Duane St., New York.
A. F. Gallun & Sons, Milwaukee, Wis.
H. Hahn & Strumpf, Harrison, N. J.
J. C. Lappe & Son Tanning Co., Allegheny, Pa.
Martin & Riedle, Aberdeen, O.
Norton Tanning Co., San Francisco, Cal.
Pfister & Vogel Leather Co., Milwaukee, Wis.
A. Platz Leather Co., Racine, Wis.
Fred. Rueping Leather Co., Fond-du-Lac, Wis.
R. G. Salomon, Newark, N. J.
United States Leather Co., 28 Ferry St., New York.
West Mill Leather Co., Gloversville, N. Y.
White Bros. & Co., 17 East St., Boston, Mass.
Winslow Bros., 59 High St., Boston, Mass.
G. F. Zeller & Sons, 272 Howard St., Buffalo, N. Y.
Herman Zohrlaut Leather Co., N. Water St., Milwaukee, Wis.

A. COLORED CALF. Richard Young Co., 35 Spruce St., New York.

1081. CALF KID. Adams & Keen, 60 N. 5th St., Philadelphia, Pa.
Bittel, Tepel & Co., 195 William St., New York.
F. Blumenthal & Co., 193 William St., New York.
Garrett & Barr, Wilmington, Del.
R. Neumann & Co., 76 Duane St., New York.
E. J. Sweeney, Salem, Mass.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Ziegel, Eisman & Co., Newark, N. J.

1082. CARRIAGE LEATHER. American Oak Leather Co., 141 Main St., Cincinnati, O.
Blanchard Bros. & Lane, Newark, N. J.
F. Blumenthal & Co., 193 William St., New York.
Boston Artificial Leather Co., Boston, Mass.
M. Caffrey, Newark, N. J.
I. W. Dawson & Co., Newark, N. J.
Dwyer Leather Co., 62 Ferguson St., Newark, N. J.
S. Halsey & Son, Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Thos. V. Johnson Co., 56 Union Square, E., New York.
Henry Lang, Newark, N. J.
E. H. McCormick, 25 New York Av., Newark, N. J.
J. N. Moore, Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
John Reilly, Inc., Newark, N. J.
Patrick Reilly & Son, Inc., Newark, N. J.
Mary E. Riordan, Newark, N. J.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
E. S. Ward & Co., 300 High St., Newark, N. J.
H. P. Witzel Co., Newark, N. J.

1083. CASE LEATHER. Benjamin V. Harrison, 91 Gold St., New York.
W. W. Mooney & Sons, Columbus, Ind.

1084. CHAMOIS, IMITATION. R. Neumann & Co., 76 Duane St., New York.
Theron Rockwell, 195 William St., New York.
R. G. Salomon, Newark, N. J.
C. Trautman & Co., Cincinnati, O.
Richard Young Co., 35 Spruce St., New York.

1085. CHROME LEATHER. Grey, Clark & Eagle, 201 Lake St., Chicago, Ill.
M. & H. Mfg. Co., 130 Pearl St., Boston, Mass.

Webster & Co., 55 High St., Boston, Mass.
Herman Zohrlaut Leather Co., Milwaukee, Wis.

1086. COLLAR LEATHER.

American Oak Leather Co., 141 Main St., Cincinnati, O.
C. Anstedt Leather Co., Milwaukee, Wis.
Aug. Barth, New Albany, Ind.
Blanchard Bros. & Lane, Newark, N. J.
Bona Allen, Buford, Ga.
Matthew Caffrey, Newark, N. J.
Cappon & Bertsch Leather Co., Holland, Mich.
I. W. Dawson & Co., Newark, N. J.
S. Halsey & Son, Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
John C. Lighthouse, Rochester, N. Y.
E. H. McCormick, 25 New York Av., Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Newark, N. J.
John Reilly, Inc., Newark, N. J.
Patrick Reilly & Son, Inc.. Newark, N. J.
Mary E. Riordan, Newark, N. J.
Siehm Leather Co., Milwaukee, Wis.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., Inc., 413 Halsted St., Chicago, Ill.
H. P. Witzel Co., Newark, N. J.
Herman Zohrlaut Leather Co., Milwaukee, Wis.
Zschetzsche & Son Co., Sheboygan, Wis.

1087. CORDOVAN LEATHER.

I. W. Dawson & Co., Newark, N. J.
H. Hahn & Strumpf, Harrison, N, J.
R. Neumann & Co., 176 Duane St., New York.
R. G. Salomon, Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Woelfel Leather Co., Morris, Ill.
Richard Young Co., 35 Spruce St., New York.

1088. DASH LEATHER.

American Oak Leather Co., 141 Main St., Cincinnati, O.
Blanchard Bros. & Lane, Newark, N. J.
Matthew Caffrey, Newark, N. J.
I. W. Dawson & Co., Newark, N. J.
Eagle Tanning Works, 214 Lake St., Chicago, Ill.
S. Halsey & Son, Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
E. H. McCormick, 25 New York Av., Newark, N. J.
J. N. Moore, Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
John Reilly, Inc., Newark, N. J.
Patrick Reilly & Son, Inc., Newark, N. Y.
Mary E. Riordan, Newark, N. J.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
E. S. Ward & Co., 300 Norfolk St., Newark, N. J.
H. P. Witzel Co., Newark., N. J.
Woelfel Leather Co., Morris, Ill.

1089. DEERSKINS.

N. R. Allens' Son, Kenosha, Wis.
McMillan Fur & Wool Co., 200 First Av., Minneapolis, Min.
Sawyer Tanning Co., Napa, Cal.
United States Leather Co., 28 Ferry St., New York.

1090. DONGOLA LEATHER.

Chas. Baird & Co., Wilmington, Del.
Bittel, Tepel & Co., 195 William St., New York.
Gaensslen, Fisher & Co., Gowanda, N. Y.
A. B. Hoffmann, Lynn, Mass.
Leviseur Bros. & Co., 42 High St., Boston, Mass.
G. Levor, Gloversville, N. Y.
McNeely Co., N. 4th & Arch Sts., Philadelphia, Pa.
C. Moench & Sons, Boston, Mass.
R. Neumann & Co., 76 Duane St., New York.

Pevear & Co., Boston, Mass.
Pfister & Vogel Leather Co., Milwaukee, Wis.
A. Platz Leather Co., Racine, Wis.
R. G. Salomon, Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Webster & Co., 55 High St., Boston, Mass.
Richard Young Co., 35 Spruce St., New York.
Zeigel, Eisman & Co., Newark, N. J.
Herman Zohrlaut Leather Co., Milwaukee, Wis.

A. DULL DONGOLA KID. Mulford, Cary & Conklin, 34 Spruce St., New York.

1091. EMBOSSED & ILLUMINATED LEATHER.

Philip Corell, 74 Duane St., New York.
T. P. Howell & Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Thos. V. Johnson, 56 Union Square, New York.
Newark Decorative Leather Co., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.
Richard Young Co., 35 Spruce St., New York.

1092. ENAMELLED LEATHER.

American Oak Leather Co., 141 Main St., Cincinnati, O.
Blanchard Bros. & Lane, Newark, N. J.
Matthew Caffrey, Newark, N. J.
I. W. Dawson & Co., Newark, N. J.
A. F. Gallun & Sons, Milwaukee, Wis.
T. P. Howell & Co., Newark, N. J.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
E. H. McCormick, Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Thos. F. Preston, Newark, N. J.
Patrick Reilly & Son, Inc., Newark, N. J.
Mary E. Riordan, Newark, N. J.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
United States Leather Co., 28 Ferry St., New York.
E. S. Ward & Co., Newark, N. J.
Webster & Co., 55 High St., Boston, Mass.
H. P. Witzel Co., Newark, N. J.

1093. FANCY LEATHER.

Blanchard Bros. & Lane, Newark, N. J.
Ed. K. Butler, 57 High St., Boston, Mass.
Matthew Caffrey, Newark, N. J.
Conroy & Wayrauch, Newark, N. J.
Philip Corell, 74 Duane St., New York.
I. W. Dawson & Co., Newark, N. J.
Eagle Tanning Works, 214 Lake St., Chicago, Ill.
Hazen B. Goodrich & Co., Haverhill, Mass.
T. P. Howell & Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
J. C. Lappe & Sons Tanning Co., Alleghany City, Pa.
Mark W. Mahon Leather Co., Newark, N. J.
E. H. McCormick, 25 New York Av., Newark, N. J.
J. N. Moore, Newark, N. J.
Jos. Nevil & Sons, 1016 St. John St., Philadelphia, Pa.
John Nieder, Newark, N. J.
Palmer, Smith & Co., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
A. Platz Leather Co., Racine, Wis.
John Reilly, Inc., Newark, N. J.
Patrick Reilly & Son, Inc., Newark, N. J.
Mary E. Riordan, Newark, N. J.
Theron Rockwell, 195 William St., New York.
R. G. Salomon, Newark, N. J.
F. A. Schaffer, Newark, N. J.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.

H. P. Witzel Co., Newark, N. J.
Richard Young Co., 35 Spruce St., New York.

1094. FLY NET LEATHER.
Siehm Leather Co., Milwaukee, Wis.

1095. GLAZED KID.
Adams & Keen, 60 N. 5th St., Philadelphia, Pa.
Wm. Amer & Co., 438 N. 3d St., Philadelphia, Pa.
Chas. Baird & Co., Wilmington, Del.
Bittel, Tepel & Co., 195 William St., New York.
F. J. Blatz & Bro., 29 Spruce St., New York.
F. Blumenthal & Co., 193 Williams St., New York.
Burke Bros., 409 Arch St., Philadelphia, Pa.
Ed. K. Butler, 57 High St., Boston, Mass.
Dungan, Hood & Co., 2100 N. American St., Phila., Pa.
Daniel Hays & Co., Gloversville, N. Y.
A. B. Hoffmann, Lynn, Mass.
Leviseur Bros. Co., 42 High St., Boston, Mass.
G. Levor, Gloversville, N. Y.
McNeely Co., N. 4th & Arch Sts., Philadelphia, Pa.
Mulford, Cary & Conklin, 34 Spruce St., New York.
R. Neumann & Co., 76 Duane St., New York.
Pevear & Co., 83 High St., Boston, Mass.
Rutter & Turner, 32 Spruce St., New York.
R. G. Salomon, Newark, N. J.
Oscar Scherer & Bro., 29 Spruce St., New York.
Carl E. Schmidt, Detroit, Mich.
Wm. A. Stetson & Co., Wilmington, Del.
E. J. Sweeney, Salem, Mass.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Richard Young Co., 35 Spruce St., New York.
Ziegel, Eisman & Co., Newark, N. J.

A. GLAZED KID, COLORED.
F. Blumenthal & Co., 193 William St., New York.

1096. GLOVE LEATHER.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Booth & Co., Gloversville, N. Y.
W. N. Eisendrath & Co., Inc., Ft. N. Sangamon St., Chic., Ill.
G. Levor, Gloversville, N. Y.
R. Neumann & Co., 76 Duane St., New York.
Pfister & Vogel Leather Co., Milwaukee, Wis.
J. G. & T. Robinson, R. R. Av., Gloversville, N. Y.
Rueping Leather Co., Fond-du-Lac, Wis.
Sawyer Tanning Co., Napa, Cal.
Benj. F. Thompson & Co., 187 Summit St., Boston, Mass.
United States Leather Co., 28 Ferry St., New York.
Webster & Co., 55 High St., Boston, Mass.
West Mill Leather Co., Gloversville, N. Y.
Richard Young Co., 35 Spruce St., New York.
Herman Zohrlaut Leather Co., N. Water St., Milwaukee, Wis.

1097. GOAT LEATHER.
Wm. Becker Leather Co., Milwaukee, Wis.
Edward K. Butler, 57 High St., Boston, Mass.
Corey Leather Co., Boston, Mass.
W. N. Eisendrath & Co., Inc., Ft. N. Sangamon St., Chic., Ill.
A. B. Hoffmann, Lynn, Mass.
Geo. Martin Leather Co., Milwaukee, Wis.
R. Neumann & Co., 76 Duane St., New York.
Norton Tanning Co., San Francisco, Cal.
Pevear & Co., 83 High St., Boston, Mass.
Sawyer Tanning Co., Napa, Cal.
Jacob Schoening's Sons, 1545 N. Randolph St., Phila., Pa.
United States Leather Co., 28 Ferry St., New York.
White Bros. & Co., Lowell, Mass.
Winslow Bros., 59 High St., Boston, Mass.
Richard Young Co., 35 Spruce St., New York.
Ziegel, Eisman & Co., Newark, N. J.

A. IMITATION GOAT LEATHER.
Webster & Co., 55 High St., Boston, Mass.

1098. GRAIN LEATHER.
N. R. Allen's Sons, Kenosha, Wis.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Arey, Maddock & Locke, 39 High St., Boston, Mass.
Baltimore Leather Co., Baltimore, Md.
Beggs & Cobb, Boston, Mass.
Buswell, Hubbard & Co., 137 Summer St., Boston, Mass.
M. Caffrey, Newark, N. J.
Cappon & Bertsch Leather Co., Holland, Mich.
De Long, Getz & Co., 281 N. 3d St., Philadelphia, Pa.
Stephen Dow Co., 6 High St., Boston, Mass.
A. F. Gallun & Sons, Milwaukee, Wis.
H. Hahn & Strumpf, Harrison, N. J.

Homer Bros., Boston, Mass.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
C. Moench & Sons, Cattaraugus, N. Y.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Inc., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Portville Tanning Co. Portville, N. Y.
Fred. Rueping Leather Co., Fond-du-Lac, Wis.
James Skinner Leather Co., 14 High St., Boston, Mass.
Benj. F. Thompson & Co., 187 Summer St., Boston, Mass.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Webster & Co., 55 High St., Boston, Mass.
Herman Zohrlaut Leather Co., Milwaukee, Wis.
Theo. Zschetzsche & Son Co., Sheboygan, Wis.

1099. HARNESS LEATHER.
Bona Allen, Buford, Ga.
N. R. Allen's Sons, Kenosha, Wis.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Christian Bardes' Sons, Cincinnati, O.
Aug. Barth, New Albany, Ind.
James Callery & Co., Pittsburg, Pa.
Jas. Clark Leather Co., 422 N. 3d St., St. Louis, Mo.
Dienhart Harness Co., Lafayette, Ind.
Wm. Flaccus Oak Leather Co., Inc., Pittsburg, Pa.
C. C. Hax Leather Co., Allegheny City, Pa.
Hermann & Koenitzer Oak Leather Co., St., Louis, Mo.
Amos Hollinger & Son, Lancaster, Pa.
Anthony Kessler & Sons Oak Leather Co., St. Louis, Mo.
Geo. Lamb & Sons, 1051 Clinton St., Buffalo, N. Y.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
John C. Lighthouse, Rochester, N. Y.
Mrs. M. E. Longsworth, Delphos, O.
Martin & Riedle, Aberdeen, O.
W. W. Mooney & Sons, Columbus, Ind.
R. Neumann & Co., 76 Duane St., New York.
Otto Oeters Leather Co., 209 S. Main St., St. Louis, Mo.
Palmer, Smith & Co., Inc., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
J. B. Schott Saddlery Co., Quincy, Ill.
C Schumann & Co., 78 Franklin St., Chicago, Ill.
Suhm Leather Co., Milwaukee, Wis.
C. Trautman & Co., 614 Main St., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
C. B. Williams Sons, Philadelphia, Pa.
W. P. Wood & Co., Ashboro, N. C.
Richard Young Co., 35 Spruce St., New York.
G. F. Zeller & Sons, 272 Howard St., Buffalo, N. Y.
Herman Zohrlaut Leather Co., Milwaukee, Wis.
Theo. Zschetzsche & Son Co., Sheboygan, Wis.

A. HARNESS LEATHER, OAK.
John G. Hoffman & Sons, Co., Wheeling, W. Va.
Adam Kroehles' Sons, Cleveland, O.
J. C. Lappe & Sons Tanning Co., Allegheny, Pa.
Richard Ritter, Louisville, Ky.
Rudolph Suhre, 1958 Central Av., Cincinnati, O.

B. RUSSET HARNESS LEATHER.
W. W. Mooney & Sons, Columbus, Ind.

1100. HOSE LEATHER.
R. Neumann & Co., 76 Duane St., New York.
Pevear & Co., 83 High St., Boston, Mass.
Hans Rees' Sons, 17 Ferry St., New York.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Richard Young Co., 35 Spruce St., New York.

1101. HYDRAULIC PACKING LEATHER.
Geo. Rahmann & Co., 31 Ferry St., New York.
J. E. Rhoads & Son, 239 Market St., Philadelphia, Pa.

1102. IMITATION LEATHER.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Fairfield Rubber Co., Fairfield, Conn.
J. Frank Hayes, Belvidere, N. J.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Inc., Newark, N. J.
Arthur W. Pope Co., 339 Broadway, New York.
Fred. Rueping Leather Co., Fond-du-Lac, Wis
Stengel & Rothschild, Newark, N. J.
Trenton Oil Cloth & Linoleum Co., Trenton, N. J.
Herman Zohrlaut Leather Co., Milwaukee, Wis.

1103. KANGAROO LEATHER.
Bittel, Tepel & Co., 195 William St., New York.

A. F. Gallun & Sons, Milwaukee, Wis.
J. C. Lappe & Sons Tanning Co., Allegheny, Pa.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
G. Levor, Gloversville, N. Y.
R. Neumann & Co., 76 Duane St., New York.
A. Platz Leather Co., Racine, Wis.
R. G. Salomon, Newark, N. J.
Salomon & Phillips, 33 Spruce St., New York.
United States Leather Co., 28 Ferry St., New York.
White Bros. & Co., Lowell, Mass.
Richard Young Co., 35 Spruce St., New York.
Ziegel, Eisman & Co., Newark, N. J.
Herman Zohrlaut Leather Co., Milwaukee, Wis.

A. IMITATION KANGAROO LEATHER.
Arey, Maddock & Locke, 39 High St., Boston, Mass.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
Pfister & Vogel Leather Co., Milwaukee, Wis.

B. PATENT KANGAROO LEATHER.
Richard Young Co., 35 Spruce St., New York.

1104. KID LEATHER.
Edward K. Butler, 57 High St., Boston, Mass.
Eli Cool, 41 Cayadutta St., Johnstown, N. Y.
Dungan, Hood & Co., Inc., 2100 American St., Phila., Pa.
Leviseur Bros. & Co., 42 High St., Boston, Mass.
McNeely Co., N. 4th & Arch Sts., Philadelphia, Pa.
R. Neumann & Co., 76 Duane St., New York.
R. G. Salomon, Newark, N. J.
Salomon & Phillips, 33 Spruce St., New York.
Sawyer Tanning Co., Napa, Cal.
Jacob Schoening's Sons, 1545 Randolph St., Philadelphia, Pa.
Benj. F. Thompson & Co., 187 Summer St., Boston, Mass.
United States Leather Co., 28 Ferry St., New York.
White Bros. & Co., Lowell, Mass.
Richard Young Co., 35 Spruce St., New York.
G. F. Zeller & Sons, 272 Howard St., Buffalo, N. Y.

1105. KIPS.
Cappon & Bertsch Leather Co., Holland, Mich.
Philip Corell, 74 Duane St., New York.
A. F. Gallun & Sons, Milwaukee, Wis.
Kaufherr & Co., Newark, N. J.
J. C. Lappe & Sons Tanning Co., Allegheny, Pa.
John C. Lighthouse, Rochester, N. Y.
R. Neumann & Co., 76 Duane St., New York.
Pfister & Vogel Leather Co., Milwaukee, Wis.
United States Leather Co., 28 Ferry St., New York.
Herman Zohrlaut Leather Co., Milwaukee, Wis.

1106. LACE LEATHER.
American Supply Co., Providence, R. I.
Brown Bros. & Co., Providence, R. I.
A. Burgess & Son, Providence, R. I.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
Detroit Oak Belting Co., 266 Wight St., Detroit, Mich.
Josiah Gates & Sons, Lowell, Mass.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
R. Neumann & Co., 76 Duane St., New York.
N. Y. Leather Belting Co., 8 Ferry St., New York.
Page Belting Co., Concord, N. H.
J. B. Schott Saddlery Co., Quincy, Ill.
J. R. Stine & Co., 8 Ferry St., New York.
United States Leather Co., 28 Ferry St., New York.
Willemsen Belting Co., 205 Destrahan St., St. Louis, Mo.

A. RAW HIDE LACE LEATHER.
Geo. Rahmann & Co., 31 Ferry St., New York.
Shultz Belting Co., St. Louis, Mo.

1107. MACHINE & HAND BUFFED LEATHER.
American Oak Leather Co., Cincinnati, O.
Blanchard Bros. & Lane, Newark, N. J.
Matthew Caffrey, Newark, N. J.
F. W. Clarke, Boston, Mass.
I. W. Dawson & Co., Newark, N. J.
England & Bryan, 258 N. 3d St., Philadelphia, Pa.
Thos. Garnar & Co., 181 William St., New York.
J. H. Halsey & Smith, Inc., Newark, N. J.
S. Halsey & Son, Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
E. H. McCormick, 25 New York Av., Newark, N. J.
N. Moore, Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.

Palmer, Smith & Co., Newark, N. J.
Portville Tanning Co., Portville, N. Y.
John Reilly, Inc., Newark, N. J.
James Skinner Leather Co., 14 High St., Boston, Mass.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
Benj. F. Thompson & Co., 187 Summer St., Boston, Mass.
United States Leather Co., 28 Ferry St., New York.
E. S. Ward & Co., Newark, N. J.
H. P. Witzel Co., Newark, N. J.
Richard Young Co., 35 Spruce St., New York.

1108. MOCCASIN LEATHER. R. Neumann & Co., 76 Duane St., New York.
Philbrook Shoe Co., Racine, Wis.
Carl E. Schmidt, Detroit, Mich.
C. L. & R. E. Smith, Newark, N. J.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Richard Young Co., 35 Spruce St., New York.

1109. MOROCCO LEATHER. Adams & Keen, 60 N. 5th St., Philadelphia, Pa.
Wm. Amer & Co., 438 N. 3d St., Philadelphia, Pa.
American Leather Co., Wilmington, Del.
George Baum & Son, 145 Columbia Av., Philadelphia, Pa.
Bittel, Tepel & Co., 195 William St., New York.
Blanchard Bros. & Lane, Newark, N. J.
F. Blumenthal & Co., 193 William St., New York.
Chas. Bockius, 425 St. John St., Philadelphia, Pa.
Booth & Co., 88 Gold St., New York.
Burk Bros., 409 Arch St., Philadelphia, Pa.
Wm. P. Clark & Co., Peabody, Mass.
Corey Leather Co., Boston, Mass.
A. L. P. Duncan & Co., 42 Wildey St., Philadelphia, Pa.
Dungan, Hood & Co., Inc., 2100 N. American St., Phila., Pa.
Eilers & Movins Leather Co., 38 Spruce St., New York.
John R. Evans & Co., 337 Arch St., Philadelphia, Pa.
Robert H. Foerderer, 1714 Randolph Av., Philadelphia, Pa.
Chas. E. Fritz & Co., Wilmington, Del.
Thos. Garnar & Co., 181 William St., New York.
Garrett & Barr, Wilmington, Del.
J. H. Halsey & Smith, Inc., Newark, N. J.
A. B. Hoffman, Lynn, Mass.
T. P. Howell & Co., Newark, N. J.
Kelley & Green, Lynn, Mass.
Keystone Leather Co., 325 Arch St., Philadelphia, Pa.
Patrick Lennox & Co., Lynn, Mass.
Leviseur Bros. & Co., 42 High St., Boston, Mass.
Clifford L. Lutkins, 71 Gold St., New York.
C. J. Matthews & Co., 215 Willow St., Philadelphia, Pa.
McDermott & Howard, 182 William St., New York.
McNeely Co., N. 4th & Arch Sts., Philadelphia, Pa.
Mitchell & Thomas, Wilmington, Del.
Jos. Nevil & Son, 1016 St. John St., Philadelphia, Pa.
H. A. Pemberton Leather Co., Peabody, Mass.
Pevear & Co., 83 High St., Boston, Mass.
Rosenburg, Happ & Siegel, Baltimore, Md.
Rowland & Landell, 2559 Collins St., Philadelphia, Pa.
Rutter & Turner, 32 Spruce St., New York.
R. G. Salomon, Newark, N. J.
Schmidt, Traugott & Sons, Inc., Detroit, Mich.
L. B. Southwick & Co., Peabody, Mass.
E. J. Sweeney, Salem, Mass.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Weber Leather Co., Lynn, Mass.
Webster & Co., 55 High St., Boston, Mass.
Winslow Bros., Norwood, Mass.
H. P. Witzel Co., Newark, N. J.
Richard Young Co., 35 Spruce St., New York.
Ziegel, Eisman & Co., Newark, N. J.

1110. OAK BUTTS. Deford Co., Baltimore, Md.
Fayerweather & Ladew, 159 E. Houston St., New York.
M. Lappe & Sons, Oak Leather Co., Pittsburg, Pa.
R. Neumann & Co., 76 Duane St., New York.
Hans Rees' Sons, 17 Ferry St., New York.
C. C. Smoot & Sons Co., Alexandria, Va.
United States Leather Co., 28 Ferry St., New York.
A. T. Williams, Trenton, N. J.

1111. OAK LEATHER.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Deford Co., Baltimore, Md.
Fayerweather & Ladew, 159 E. Houston St., New York.
Graton & Knight Mfg. Co., Worcester, Mass.
M. Lappe & Son, Oak Leather Co., Pittsburg, Pa.
R. Neumann & Co., 76 Duane St., New York.
Hans Rees' Sons, 17 Ferry St., New York.
Richard Ritter, Louisville, Ky.
C. C. Smoot & Sons Co., Alexandria, Va.
United States Leather Co., 28 Ferry St., New York.
Webster & Co., 55 High St.. Boston, Mass.

1112. PATENT LEATHER.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Blanchard Bros. & Lane, Newark, N. J.
Bridgeport Patent Leather Mfg. Co., Bridgeport, Conn.
Matthew Caffrey, Newark, N. J.
I. W. Dawson & Co., Newark, N. J.
A. F. Gallun & Sons, Milwaukee, Wis.
S. Halsey & Son, Newark, N. J.
J. H. Halsey & Smith, Inc., Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Henry Lang, Newark, N. J.
Leviseur Bros. & Co., 42 High St., Boston, Mass.
E. H. McCormick, 25 New York Av., Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Thos. F. Preston, Newark, N. J.
C. & J. Pyle Co., Wilmington, Del.
John Reilly, Inc., Newark, N. J.
Patrick Reilly & Son, Inc., Newark, N. J.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
United States Leather Co., 28 Ferry St., New York.
E. S. Ward & Co., Newark, N. J.
Webster & Co., 55 High St., Boston, Mass.
H. P. Witzel Co., Newark, N. J.

1113. PEBBLED LEATHER.
Beggs & Cobb, Boston, Mass.
F. Blumenthal & Co., 193 William St., New York.
Matthew Caffrey, Newark, N. J.
Ellers & Movius Leather Co., 38 Spruce St., New York.
Grey, Clark & Engle, 201 Lake St., Chicago, Ill.
Howell-Hinchman Co., Middletown, N. Y.
Thos. V. Johnson, 56 Union Square, New York.
Lake Tanning Co., Elston Av. & Wade St., Chicago, Ill.
Mark W. Mahon Leather Co., Newark, N. J.
E. H. McCormick, 25 New York Av., Newark, N. J.
Palmer, Smith & Co., Newark, N. J.
Fred. Rueping Leather Co., Fond-du-Lac, Wis.
F. A. Schaeffer, Newark, N. J.
Jacob Schoening's Sons, Randolph St., Philadelphia, Pa.
Benj. F. Thompson & Co., 87 Summer St., Boston, Mass.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Winslow Bros., 59 High St., Boston, Mass.
Richard Young Co., 35 Spruce St.. New York.
Herman Zohrlaut Leather Co., Milwaukee, Wis.

1114. PICKER LEATHER.
A. Burgess & Son, Providence, R. I.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
W. Coupe & Co., S. Attleboro, Mass.
Josiah Gates & Sons, Lowell, Mass.
A. & C. W. Holbrook, Providence, R. I.
Howell-Hinchman Co., Middletown, N. Y.
R. Neumann & Co., 76 Duane St., New York.
Fred. Rueping Leather Co., Fon-du-Lac, Wis.
Shultz Belting Co., St., Louis, Mo.
C. Trautman & Co., Cincinnati, O.

1115. PIG SKINS.
Richard Young Co., 35 Spruce St., New York.

1116. POCKETBOOK LEATHER.
Matthew Caffrey, Newark, N. J.
Conroy & Weyrauch, Newark, N. J.
Philip Corell, 74 Duane St., New York.
Culbert & Co., 24 Maiden Lane, New York.
Dwyer Leather Co., Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Mark W. Mahon Leather Co., Newark, N. J.

J. N. Moore, Newark, N. J.
John Nieder, Newark, N. J.
Palmer, Smith & Co., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Theron Rockwell, 195 William St., New York.
F. A. Schaeffer, Newark, N. J.
C. L. & R. E. Smith, Newark, N. J.
C. Trautman & Co., Cincinnati, O.
Walker, Oakley Co., Boston, Mass.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.
Winslow Bros., 59 High St., Boston, Mass.
Richard Young Co., 35 Spruce St., New York.

1117. PORPOISE LEATHER. Amer. Hide & Leather Import. & Trading Co., Newark, N. J.
H. Hahn & Strumpf, Harrison, N. J.
R. Neuman & Co., 76 Duane St., New York.
R. G. Salomon, Newark, N. J.
C. Trautman & Co., Cincinnati, O.

1118. RAILING LEATHER. American Oak Leather Co., 141 Main St., Cincinnati, O.
Blanchard Bros. & Lane, Newark, N. J.
Matthew Caffrey, Newark, N. J.
I. W. Dawson & Co., Newark, N. J.
J. H. Halsey & Smith, Inc., Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
E. H. McCormick, 25 New York Av., Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
John Reilly, Inc., Newark, N. J.
Mary E. Riordan, Newark, N. J.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
H. P. Witzel Co., Newark, N. J.
Richard Young Co., 35 Spruce St., New York.

1119. RAWHIDE. Wm. Becker Leather Co., Boston, Mass.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
Wm. Coupe & Co., S. Attleboro, Mass.
E. K. Janney & Sons, 328 N. 3d St., Philadelphia, Pa.
R. Neumann & Co., 76 Duane St., New York.
Geo. Rahmann & Co., 31 Ferry St., New York.
Lyman Smith Sons Co., 34 High St., Boston, Mass.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.

1120. ROLLER LEATHER. Winslow Bros., 59 High St., Boston, Mass.

1121. RUSSET LEATHER. Amer. Oak Leather Co., 241 Main St., Cincinnati, O.
Cappon & Bertsch Leather Co., Holland, Mich.
Diamond, McDonnell & Co., 409 N. 4th St., Philadelphia, Pa.
Dwyer Leather Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Kaufherr & Co., Newark, N. J.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
Mark W. Mahon Leather Co., Newark, N. J.
Martin & Riedle, Aberdeen, O.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Geo. Plumer & Co., 44 High St., Boston, Mass.
Theron Rockwell, 195 William St., New York.
Fred. Rueping Leather Co., Fond-du-Lac, Wis.
Sawyer Tanning Co., Napa, Cal.
Henry Schlegel, Lapeer, Mich.
Schmidt, Traugott & Sons, Inc., Detroit, Mich.
C. L. & R. E. Smith, Newark, N. J.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros. Inc., 413 N. Halsted St., Chicago, Ill.
J. M. & V. Weil, 43 Coventry St., Chicago, Ill.
H. P. Witzel Co., Newark, N. J.
W. P. Wood & Co., Ashboro, N. C.
Richard Young Co., 35 Spruce St., New York.
Herman Zohrlaut Leather Co., Milwaukee, Wis.

1122. SADDLERY LEATHER. N. R. Allen's Sons, Kenosha, Wis.
Amer. Oak Leather Co., Cincinnati, O.
Blanchard Bros. & Lane, Newark, N. J.
Matthew Caffrey, Newark, N. J.

S. Halsey & Son, Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Henry Lang, Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Newark, N. J.
Theron Rockwell, 195 William St., New York.
C. L. & R. E. Smith, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
United States Leather Co., 28 Ferry St., New York.
H. P. Witzel Co., Newark, N. J.
Richard Young Co., 35 Spruce St., New York.

A. BICYCLE SADDLE LEATHER.
Howell-Hinchman Co., Middletown, N. Y.

1123. SEALSKIN LEATHER.
R. Neumann & Co., 76 Duane St., New York.
R. G. Salomon, Newark, N. J.
C. Trautman & Co., Cincinnati, O.
White Bros. & Co., Lowell, Mass.
Richard Young Co., 35 Spruce St.. New York.

1124. SHEEPSKINS.
Wm. Becker Leather Co., Milwaukee, Wis.
Chicago Tanning Co., 121 Michigan St., Chicago, Ill.
Philip Corell, 74 Duane St., New York.
Thos. Garnar & Co., 181 William St., New York.
A. B. Hoffman, Lynn, Mass.
Henry Holmes, 58 E. Allen St., Philadelphia, Pa.
Leviseur Bros. & Co., 43 High St., Boston, Mass.
Mark W. Mahon Leather Co., Newark, N. J.
McAdoo & Allen, 317 N. 3d St., Philadelphia, Pa.
McWilliam Fur & Wool Co., Minneapolis, Minn.
R. Neumann & Co., 76 Duane St., New York.
Norton Tanning Co., San Francisco, Cal.
Carroll S. Page, Hyde Park, Vt.
Palmer, Smith & Co., Newark, N. J.
Theron Rockwell, 195 William St., New York.
Sawyer Tanning Co., Napa, Cal.
Schmidt, Traugott & Sons, Inc., Detroit, Mich.
Schoelkopf & Co., 103 Mississippi St., Buffalo, N. Y.
L. B. Southwick & Co., Peabody, Mass.
Mathias Strauss, Buffalo, N. Y.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., 413 N. Halsted St., Chicago, Ill.
J. M. & V. Weil, 43 Coventry St., Chicago, Ill.
West Mill Leather Co., Gloversville, N. Y.
White Bros. & Co., Lowell, Mass.
Winslow Bros., 59 High St., Boston, Mass.
Richard Young Co., 35 Spruce St., New York.
Ziegel, Eisman & Co., Newark, N. J.

1125. SHOE LEATHER.
Blanchard Bros. & Lane, Newark, N. J.
Booth & Co., Gloversville, N. Y.
Cappon & Bertsch Leather Co., Holland, Mich.
Jas. Clark Leather Co., St. Louis, Mo.
Philip Corell, 74 Duane St., New York.
J. G. Curtis Leather Co., Ludlow, Pa.
I. W. Dawson & Co., Newark, N. J.
Dienhart Harness Co., Lafayette, Ind.
D. Frantz & Sons, Louisville, Ky.
H. Hahn & Strumpf, Harrison, N. J.
T. P. Howell & Co., Newark, N. J.
H. Lang, Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
A. Platz Leather Co., Racine, Wis.
Hans Rees' Sons, 17 Ferry St., New York.
Theron Rockwell, 195 William St., New York.
Fred. Rueping Leather Co., Fond-du-Lac, Wis.
F. A. Schaeffer, Newark, N. J.
Suhm Leather Co., Milwaukee, Wis.
Benj. F. Thompson & Co., Boston, Mass.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.
Richard Young Co., 35 Spruce St., New York.
Herman Zohrlaut & Co., Milwaukee, Wis.

A. TIPPING LEATHER.
Matthew Caffrey, Newark, N. J.
Dwyer Leather Co., 62 Ferguson St., Newark, N. J.

1126. SKIRTING.
N. R. Allen's Sons, Kenosha, Wis.
Blanchard Bros. & Lane, Newark, N. J.
Cappon & Bertsch Leather Co., Holland, Mich.

Wm. Flaccus Oak Leather Co., Inc., Pittsburg, Pa.
T. P. Howell & Co., Newark, N. J.
Martin & Riedle, Aberdeen, O.
W. W. Mooney & Sons, Columbus, Ind.
R. Neumann & Co., 76 Duane St., New York.
Hans Rees' Sons, 17 Ferry St., New York.
Richard Ritter, Louisville, Ky.
J. B. Schott Saddlery Co., Quincy, Ill.
United States Leather Co., 28 Ferry St., New York.
Herman Zohrlaut Leather Co., N. Water St., Milwaukee, Wis.

1127. SKIVERS.
Philip Corell, 74 Duane St., New York.
Du Bois & Van Tassel Bros., Boston, Mass.
Eagle Tanning Works, 214 Lake St., Chicago, Ill.
Thos. Garnar & Co., 181 William St., New York.
R. Neumann & Co., 76 Duane St., New York.
Theron Rockwell, 195 William St., New York.
C. Trautman & Co., Cincinnati, O.
Albert Trostel & Sons, Milwaukee, Wis.
United States Leather Co., 28 Ferry St., New York.
Richard Young Co., 35 Spruce St., New York.

1128. SOLE LEATHER.
Bona Allen, Buford, Ga.
N. R. Allen's Sons, Kenosha, Wis.
Crary Bros., Hancock, N. Y.
Du Bois & Van Tassel Bros., Du Bois, Pa.
Lyvenus Ellis & Son, Laona, N. Y.
Chas. H. Faxon & Son, Chestertown, N. Y.
Horton, Crary & Co., Sheffield, Pa.
J. W. & A. P. Howard & Co., Corry, Pa.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Proctor, Ellison & Co., 127 South St., Boston, Mass.
Schoellkopf, Horton & Co., Sheffield, Pa.
United States Leather Co., 28 Ferry St., New York.

A. HEMLOCK SOLE LEATHER.
N. R. Allen's Sons, Kenosha, Wis.
Crary Bros., Hancock, N. Y.
S. B. Davidge & Co., Newark Valley, N. Y.
Du Bois & Van Tassel Co., Du Bois, Pa.
Lyvenus Ellis & Son, Laona, N. Y.
C. H. Faxon & Son, Chestertown, N. Y.
Heckman, Bissell & Co., Boston, Mass.
Holroyd & Co., Waterford, N. Y.
Horton, Crary & Co., Sheffield, Pa.
J. W. & A. P. Howard & Co., Corry, Pa.
Pfister & Vogel Leather Co., Milwaukee, Wis.
A. T. Prindle & Son, Hornellsville, N. Y.
C. C. Smoot & Sons Co., Alexandria, Va.
United States Leather Co., 28 Ferry St., New York.
Walker-Oakley Co., Boston, Mass.

B. OAK SOLE LEATHER.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Conrad Tanning Co., Lexington Av., Louisville, Ky.
Cover, Drayton & Leonard, 355 N. 3d St., Philadelphia, Pa.
Fayerweather & Ladew, 159 E. Houston St., New York.
C. Greene & Son, Saltillo, Pa.
A. Groetzinger & Sons, Allegheny City, Pa.
Leas & McVitty, 301 N. 3d St., Philadelphia, Pa.
Louisville Leather Co., 1517 Brent St., Louisville, Ky.
Phoenix Tanning Co., 11th St., & Lex. Av., Louisville, Ky.
Proctor, Ellison & Co., 127 South St., Boston, Mass.
Hans Rees' Sons, 17 Ferry St., New York.
Chas. A. Schieren & Co., 47 Ferry St., New York.
C. C. Smoot & Sons Co., Alexandria, Va.
United States Leather Co., 28 Ferry St., New York.
C. B. Williams' Sons, 2d St., Philadelphia, Pa.

C. UNION TANNED LEATHER.
Gutmann & Co., 203 Michigan St., Chicago, Ill.
John G. Hoffmann & Sons Co., Wheeling, W. Va.
J. T. Kirkpatrick & Co., 351 N. 3d St., Philadelphia, Pa.
A. C. Lawrence Leather Co., Boston, Mass.
United States Leather Co., 28 Ferry St., New York.

1129. SPEEDER LEATHER.
American Supply Co., Providence, R. I.
Josiah Brackett & Son, Boston, Mass.
R. Neumann & Co., 76 Duane St., New York.
C. Trautman & Co., Cincinnati, O.
Wilder & Co., 212 Lake St., Chicago, Ill.

1130. SPLIT LEATHER.
American Oak Leather Co., 141 Main St., Cincinnati, O.
Arey, Maddock & Locke, 39 High St., Boston, Mass.
Beggs & Cobb, Boston, Mass.
Blanchard Bros. & Lane, Newark, N. J.

Buswell, Hubbard & Co., 137 Summer St., Boston, Mass.
Matthew Caffrey, Newark, N. J.
Cappon & Bertsch Leather Co., Holland, Mich.
Chapman & Burt, 9 Ferry St., New York.
I. W. Dawson & Co., Newark, N. J.
Stephen Dow Co., 6 High St., Boston, Mass.
Dwyer Leather Co., Newark, N. J.
A. F. Gallun & Sons, Milwaukee, Wis.
T. P. Howell & Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
J. M. Jones & Co., Boston, Mass.
M. Lappe & Sons Oak Leather Co., Pittsburg, Pa.
A. Loehnberg & Co., 62 Liberty St., Newark, N. J.
Mark W. Mahon Oak Leather Co., Newark, N. J.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Benj. F. Thompson & Co., Boston, Mass.
Portville Tanning Co., Portville, N. Y.
Proctor-Ellison Co., Boston, Mass.
Hans Rees' Sons, 17 Ferry St., New York.
John Reilly, Inc., Newark, N. J.
N. W. Rice & Co., 12 South St., Boston, Mass.
Fred. Rueping Leather Co., Fond-du-Lac, Wis.
James Skinner Leather Co., 14 High St., Boston, Mass.
C. L. & R. E. Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
Benj. F. Thompson & Co., Boston, Mass.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
Webster & Co., 55 High St., Boston, Mass.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.
Wilder & Co., 212 Lake St., Chicago, Ill.
Herman Zohrlaut Leather Co., N. Water St., Milwaukee, Wis.
Theo. Zschetzsche & Son Co., Sheboygan, Wis.

1131. STRAP LEATHER.

Blanchard Bros. & Lane, Newark, N. J.
A. Burgess & Son, Providence, R. I.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
J. G. Curtis Leather Co., Ludlow, Pa.
T. P. Howell & Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
M. Lappe Sons Oak Leather Co., Pittsburg, Pa.
Mark W. Mahon Leather Co., Newark, N. J.
W. W. Mooney & Sons, Columbus, Ind.
R. Neumann & Co., 76 Duane St., New York.
Palmer, Smith & Co., Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Hans Rees' Sons, 17 Ferry St., New York.
C. L. & R. E. Smith, Newark, N. J.
C. Trautman, 614 Main St., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
J. Weil & Bros., Inc., 413 N. Halsted St., Chicago, Ill.
H. Zohrlaut Leather Co., 819 N. Water St., Millwaukee, Wis.
Theo. Zschetzsche & Son Co., Sheboygan, Wis.

1132. TRIMMING LEATHER.

Blanchard Bros. & Lane, Newark, N. J.
Bridgeport Patent Leather Mfg. Co., Bridgeport, Conn.
Matthew Caffrey, Newark, N. J.
I. W. Dawson, Newark, N. J.
John Dwyer & Co., Boston, Mass.
S. Halsey & Son, Newark, N. J.
J. H. Halsey & Smith, Inc., Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
Mark W. Mahon Leather Co., Newark, N. J.
E. H. McCormick, 25 New York Av., Newark, N. J.
Palmer, Smith & Co., Inc., Newark, N. J.
Hans Rees' Sons, 17 Ferry St., New York.
John Reilly, Inc., Newark, N. J.
Mary E. Riordan, Newark, N. J.
Theron Rockwell, 195 William St., New York.
Hugh Smith, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
B. F. Thompson & Co., Boston, Mass.
C. Trautman & Co., Cincinnati, O.

United States Leather Co., 28 Ferry St., New York.
E. S. Ward & Co., Newark, N. J.
Wilder & Co., 212 Lake St., Chicago, Ill.
H. P. Witzel Co., Newark, N. J.
Richard Young Co., 35 Spruce St., New York.

1133. UPHOLSTERY LEATHER.
Adams & Keen, 60 N. 5th St., Philadelphia, Pa.
Aug. Barth, New Albany, Ind.
Geo. Baum & Son, 145 Columbia Av., Philadelphia, Pa.
Blanchard Bros. & Lane, Newark, N. J.
Matthew Caffrey, Newark, N. J.
I. W. Dawson & Co., Newark, N. J.
Dwyer Leather Co., 62 Ferguson St., Newark, N. J.
S. Halsey & Son, Newark, N. J.
J. H. Halsey & Smith, Inc., Newark, N. J.
T. P. Howell & Co., Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Thos. V. Johnson, 56 Union Square, New York.
Henry Lang, Newark, N. J.
Mark W. Mahon Leather Co., Newark, N. J.
Mitchell & Thomas, Wilmington, Del.
Palmer, Smith & Co., Newark, N. J.
John Reilly, Inc., Newark, N. J.
Mary E. Riordan, Newark, N. J.
F. A. Schaeffer, Newark, N. J.
Stengel & Rothschild, Newark, N. J.
M. Straus & Sons, Inc., Newark, N. J.
C. Trautman & Co., Cincinnati, O.
United States Leather Co., 28 Ferry St., New York.
E. S. Ward & Co., Newark, N. J.
H. P. Witzel Co., Newark, N. J.
Richard Young Co., 35 Spruce St., New York.

1134. UPPER LEATHER.
Cappon & Bertsch Leather Co., Holland, Mich.
Philip Corell, 74 Duane St., New York.
Dienhardt Harness Co., Lafayette, Ind.
Dungan, Hood & Co., Inc., 2100 N. American St., Phila., Pa.
A. F. Gallun & Sons, Milwaukee, Wis.
H. Hahn & Strumpf, Harrison, N. J.
J. G. Hynds Mfg. Co., Gainsville, Ga.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Fred. Rueping Leather Co., Fond-du-Lac, Wis.
Benj. F. Thompson & Co., Boston, Mass.
United States Leather Co., 28 Ferry St., New York.
G. F. Zeller & Sons, 272 Howard St., Buffalo, N. Y.
Herman Zohrlaut Leather Co., Milwaukee, Wis.
Theo. Zschetzsche & Son Co., Sheboygan, Wis.

1135. VALVE LEATHER.
Chas. A. Schieren & Co., 47 Ferry St., New York.

1136. WAX CALFSKINS.
N. R. Allen's Sons, Kenosha, Wis.
A. F. Gallun & Sons, Milwaukee, Wis.
H. Hahn & Strumpf, Harrison, N. J.
John C. Lighthouse, Rochester, N. Y.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Albert Trostel & Sons, Milwaukee, Wis.
Herman Zohrlaut Leather Co., N. Water St., Milwaukee, Wis.
Theo. Zschetzsche & Son Co., Sheboygan, Wis.

1137. YELLOW VEALS.
Herman Zohrlaut Leather Co., N. Water St., Milwaukee, Wis.

XXIII. LIGHTING.

1138. ACETYLENE GAS GENERATORS.
Bryan Mfg. Co., 210 N. Liberty St., Baltimore, Md.
Carbide Arc Light Mfg. Co., Newark, O.
Cincinnati Acetylene Gas Co., Cincinnati, O.
J. B. Colt & Co., 3 W. 29th St., New York.
McGrane Acetylene Gas Co., 187 Broadway, New York.
Mechanical Engineering Construction Co., 63 5th Av., N. Y.
Geo. F. Owen & Co., Grand Rapids, Mich.

Pacific Acetylene Gas Co., San Francisco, Cal.
Turner & Hauser, Grand Rapids, Mich.
M. B. Wheeler Electric Co., Grand Rapids, Mich.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.
Manhattan Machinery Co., 109 Liberty St., New York. *14

1139. BRACKETS, LAMP & CANDLE.

A. CANDLE BRACKETS.
Foster, Merriam & Co., Meriden, Conn.
J. & R. Lamb, 59 Carmine St., New York.

B. LAMP BRACKETS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Gun Implement Co., Bridgeport, Conn.
Climax Mfg. Co., East Hampton, Conn.
Foster, Merriam & Co., Meriden, Conn.
Forsyth Mfg. Co., 308 Terrace, Buffalo, N. Y.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
J. & R. Lamb, 59 Carmine St., New York.
Manhattan Brass Co., 338 E. 28th St., New York.
Meriden Malleable Iron Co., Meriden, Conn.
Stover Mfg. Co., Freeport, Ill.
United States Mfg. Co., Fond-du-Lac, Wis.

C. LAMP BRACKETS, BICYCLE.
L. M. Devore & Co., Freeport, Ill.

D. LAMP BRACKETS, IRON.
Hecla Iron Works, N. 10th & Berry Sts., Brooklyn, N. Y.
J. & R. Lamb, 59 Carmine St., New York.
Pittsburg Lamp & Brass Co., Allegheny, Pa.

E. LAMP BRACKETS, WAGON.
Nicol & Co., 55 W. Washington St., Chicago, Ill.

F. STREET LAMP BRACKETS.
J. W. Fiske, 39 Park Place, New York.

1140. BURNERS.

Benedict & Burnham Mfg. Co., Waterbury, Conn.
Manhattan Brass Co., 338 E. 28th St., New York.

A. ACETYLENE GAS BURNERS.
American Carbide Co., Ltd., Jackson, Mich.
Cincinnati Acetylene Gas Co., Cincinnati, O.
Pacific Acetylene Gas Co., San Francisco, Cal.
Starr Acetylene Gas Burner Co., Chattanooga, Tenn.

B. ARGAND BURNERS.
A. L. Bogart Co., 123 Liberty St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Edward Miller & Co., Meriden, Conn.
Pittsburg Lamp & Brass Co., Pittsburg, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.

C. AUTOMATIC GAS BURNERS.
A. L. Bogart Co., 123 Liberty St., New York.
Jos. H. Seed, 12 Centre St., New York.

D. CONVERTIBLE GAS ATTACHMENTS.
Edward Miller & Co., Meriden, Conn.

E. GAS BURNERS.
Folmer & Schwing Mfg. Co., 271 Canal St., New York.
Gilbert & Barker Mfg. Co., Springfield, Mass.
E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
Matchless Mfg. Co., 35 Warren St., New York.
Mitchell-Vance Co., 836 Broadway, New York.
D. M. Stewart Mfg. Co., Chattanooga, Tenn.

F. GAS BURNERS, ELECTRIC.
A. L. Bogart Co., 123 Liberty St., New York.
J. H. Lehman & Co., 1222 Clover St., Philadelphia, Pa.
John Y. Parke & Co., 728 Cherry St., Philadelphia, Pa.

G. GAS BURNERS, REGULATING.
American Lighting Co., 27 Union Square, New York.
Matchless Mfg. Co., 35 Warren St., New York.
H. W. Rappleye, 935 Drexel Building, Philadelphia, Pa.
Union Incandescent Light Co., 202 E. 46th St., New York.

H. GASOLINE BURNERS.
Bridgeport Brass Co., Bridgeport, Conn.
Forest City Brass Works, Cleveland, O.
Maryland Mfg. & Construction Co., Baltimore, Md.
Thos. T. Smith, 352 Pearl St., New York.
Wellington Mfg. Co., 468 Cherry St., New York.

I. GAS TIPS, ALUMINUM.
Pratt Mfg. Co., 167 Wooster St., New York.

J. GAS TIPS, LAVA.
D. M. Stewart Mfg. Co., Chattanooga, Tenn.

K. INCANDESCENT GAS BURNERS.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Tirrill Gas Machine Co., 39 Dey St., New York.

L. INCANDESCENT GAS LIGHT BY-PASSES.
Matchless Mfg. Co., 35 Warren St., New York.

M. LAMP BURNERS.
American Lamp & Brass Co., Trenton, N. J.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass & Clock Co., Bristol, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Manhattan Brass Co., 338 E. 28th St., New York.
Edward Miller & Co., Meriden, Conn.

National Brass & Iron Works, Reading, Pa.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rochester Lamp Co., 35 Barclay St., New York.
Scovill Mfg. Co., Waterbury, Conn.
Wheeling Stamping Co., Wheeling, W. Va.

N. LANTERN BURNERS. Bridgeport Brass Co., Bridgeport, Conn.
R. E. Dietz Co., 60 Laight St., New York.
Edward Miller & Co., Meriden, Conn.

O. NATURAL GAS BURNERS. Illinois Malleable Iron Co., 32 W. Monroe St., Chicago, Ill.
Pittsburg Clay Mfg. Co., New Brighton, Pa.

P. STREET LAMP BURNERS. M. L. Hull, 24 Broadway, Cleveland, O.

1141. CALCIUM LIGHT APPARATUS.
N. Y. Calcium Light Co., 410 Bleecker St., New York.

1142. CANDELABRA. Anchor Silver Plate Co., Oswego, N. Y.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
H. L. Judd & Co., 87 & 89 Chambers St., New York.
Meriden Britannia Co., Meriden, Conn.

A. BRASS CANDELABRA. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Foster, Merriam & Co., Meriden, Conn.
H. L. Judd, Co., 87 Chambers St., New York.
J. & R. Lamb, 59 Carmine St., New York.
Meriden Britannia Co., Meriden, Conn.
Rochester Lamp Co., 38 Park Place, New York.

B. BRONZE CANDELABRA. Archer & Pancoast Mfg. Co., 18 W. 25th St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Cassidy & Son Mfg. Co., 133 W. 23d St., New York.
General Electric Co., Schenectady, N. Y.
Hecla Iron Works, N. 10th & Berry St., Brooklyn, N. Y.
J. & R. Lamb, 59 Carmine St., New York.

C. GLASS CANDELABRA. Fostoria Glass Co., Moundsville, W. Va.

D. IRON CANDELABRA. J. W. Fiske, 39 Park Place, New York.
General Electric Co., Schenectady, N. Y.
E. P. Gleason Mfg. Co., 20 E. Houston St., New York.
Hecla Iron Works, N. 10th & Berry Sts., Brooklyn, N. Y.
J. & R. Lamb, 59 Carmine St., New York.
W. H. Pries, Arlington, N. J.
A. B. & W. P. Westervelt, 102 Chambers St., New York.

1143. CANDLE EXTINGUISHERS.
H. L. Judd & Co., 87 Chambers St., New York.
Edward Miller & Co., Meriden, Conn.

1144. CANDLE LIGHTERS. Thos. W. Houchin Co., 67 Park Place, New York.

1145. CANDLES. American Soap Co., 75 Murray St., New York.
James Boyd, 12 Franklin St., New York.
S. F. Candle Co., 402 Front St., San Francisco, Cal.
Colgate & Co., 55 John St., New York.
Emery Candle Co., Cincinnati, O.
Goodwin Mfg. Co., 3332 Chateau Av., St. Louis, Mo.
Hammerschlag Mfg. Co., 234 Greenwich St., New York.
Harkness & Cowing Co., 334 Eggleston Av., Cincinnati, O.
Proctor & Gamble Co., 3d & Walnut St., Cincinnati, O.
Schaffer Bros. & Powell Mfg. Co., 325 N. 2d St. Louis, Mo.
Smith & Nichols, 143 Front St., New York.
W. & H. Walker, Pittsburg, Pa.

A. BEESWAX CANDLES. Will & Baumer Co., Syracuse, N. Y.

B. CHRISTMAS TREE CANDLES. Hammerschlag Mfg. Co., 234 Greenwich St., New York.
Standard Oil Co., of New York, 26 Broadway, New York.
Will & Baumer Co., Syracuse, N. Y.

C. CHURCH CANDLES. Proctor & Gamble, 3d & Walnut Sts., Cincinnati, O.
W. & H. Walker, Pittsburg, Pa.
Will & Baumer Co., Syracuse, N. Y.

D. DECORATED CANDLES. Eckermann & Will, Syracuse, N. Y.

E. PARAFFINE WAX CANDLES. Geo. Delano's Sons, New Bedford, Mass.
Smith & Nichols, 143 Front St., New York.
Will & Baumer Co., Syracuse, N. Y.

F. SPERMACETI CANDLES. Arctic Oil Works, San Francisco, Cal.
Geo. Delano's Sons, New Bedford, Mass.
W. A. Robinson & Co., New Bedford, Mass.

G. STEARINE CANDLES. S. F. Candle Co., 402 Front St., San Francisco, Cal.
Eckermann & Will, Syracuse, N. Y.
Emery Candle Co., Cincinnati, O.
Proctor & Gamble Co., 3d & Walnut St., Cincinnati, O.
Will & Baumer Co., Syracuse, N. Y.

H. TALLOW CANDLES. James Boyd, 12 Franklin St., New York.

I. TAR CANDLES. Emery Candle Co., Cincinnati, O.

J. WAX CANDLES. Emery Candle Co., Cincinnati, O.

Harkness & Cowing Co., Cincinnati, O.
Will & Baumer Co., Syracuse, N. Y.

K. WAX TAPERS.
Thos. W. Houchin Co., 67 Park Place, New York.
Smith & Nichols, 143 Front St., New York.
Will & Baumer Co., Syracuse, N. Y.

L. WAX TAPERS, FLOATING.
Thos. W. Houchin Co., 67 Park Place, New York.

1146. CANDLESTICKS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Anchor Silver Plate Co., Oswego, N. Y.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.

A. BRASS CANDLESTICKS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
J. & R. Lamb, 59 Carmine St., New York.
Landers, Frary & Clark, New Britain, Conn.
Manhattan Brass Co., 338 E. 28th St., New York.
Manning, Bowman & Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.
Pittsburg Lamp & Brass Co., Pittsburg, Pa.

B. BRONZE CANDLESTICKS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
J. & R. Lamb, 59 Carmine St., New York.
Manning, Bowman & Co., Meriden, Conn.
New Jersey Lamp & Bronze Wks., New Brunswick, N. J.

C. ENAMELLED CANDLESTICKS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Low Art Tile Co., Chelsea, Mass.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

D. FANCY GLASS CANDLESTICKS.
Atterbury Glass Co., Inc., Pittsburg, Pa.
Mt. Washington Glass Co., New Bedford, Conn.

E. GLASS CANDLESTICKS.
Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
S. McKee & Co., Pittsburg, Pa.
Mt. Washington Glass Co., New Bedford, Conn.
Riverside Glass Works, Wellsburg, W. Va.

F. IRON CANDLESTICKS.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.

G. MINERS' CANDLESTICKS.
Abner Doble Co., San Francisco, Cal.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Tower & Lyons, 96 Chambers St., New York.

H. PLATED CANDLESTICKS.
Meriden-Britannia Co., Meriden, Conn.

I. SAFETY CANDLESTICKS.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

J. SPRING CANDLESTICKS.
Bridgeport Brass Co., Bridgeport, Conn.

K. TIN CANDLESTICKS.
North Bros. Mfg. Co., Lehigh Av. & N. Am'can St., Phil., Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

1147. CAR LIGHTING APPARATUS.
Adams & Westlake Co., N. Franklin St., Chicago, Ill.
Safety Car Heating & Lighting Co., 160 Broadway, N. Y.

1148. CHANDELIERS.
Charles Parker Co., Meriden, Conn.
I. P. Frink, 551 Pearl St., New York.

A. CAR CHANDELIERS.
Consolidated Car Heating Co., 26 Cortlandt St., New York.
Safety Car Heating & Lighting Co., 160 Broadway, N. Y.
Chas. G. Smith, 350 Pearl St., New York.

B. CHURCH CHANDELIERS.
J. & R. Lamb, 59 Carmine St., New York.

C. CRYSTAL CHANDELIERS.
Mt. Washington Glass Co., New Bedford, Mass.
Riverside Glass Works, Wellsburg, W. Va.

D. EXTENSION CHANDELIERS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Meriden Malleable Iron Co., Meriden, Conn.
Charles Parker Co., Meriden, Conn.

E. LAMP CHANDELIERS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.
Pittsburg Lamp & Brass Co., Pittsburg, Pa.

F. OIL CHANDELIERS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Fay Gas Fixture Co., 1126 Olive St., St. Louis, Mo.
Meriden Malleable Iron Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.
Pittsburg Lamp & Brass Co., Pittsburg, Pa.

G. REFLECTOR CHANDELIERS.
Gill Bros. & Co., Steubenville, O.
Wheeler Reflector Co., Boston, Mass.

1149. CHURCH LIGHTS.
J. & R. Lamb, 59 Carmine St., New York.
Pittsburg Brass Co., Pittsburg, Pa.
Wheeler Reflector Co., 24 Washington St., Boston, Mass.

A. PULPIT LIGHTS.
I. P. Frink, 551 Pearl St., New York.

1150. CONTRACTORS' LIGHTS.
Wells Light Mfg. Co., 44 Washington St., New York.

1151. DOME CEILING LIGHTS.
I. P. Frink, 551 Pearl St., New York.

1152. ELECTRIC GAS ATTACHMENTS.
I. S. Spencer's Sons, Guilford, Conn.

1153. ELECTRIC GAS LIGHTING APPARATUS.
Advance Specialty Co., Chicago, Ill.
A. L. Bogart Co., 123 Liberty St., New York.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Central Electric Co., 204 5th Av., Chicago, Ill.
Edwards & Co., 144th St. & 4th Av., New York.
Nat'l. Electric Car Heating Co., 30 Broad St., New York.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Frederick Pearce, 77 John St., New York.
Universal Elec. Stage Light Co., 842 Broadway, New York.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

1154. ELECTRIC LIGHTING SYSTEMS.
C. & C. Electric Co., 143 Liberty St., New York.
Murray Iron Works Co., Burlington, Iowa.
Jas. Smith Woolen Machy. Co., 411-421 Race St., Phila. Pa.

A. ALTERNATING CURRENT SYSTEMS.
Ft. Wayne Electric Corp. Ft. Wayne, Ind.
Westinghouse Electric Co., Pittsburg, Pa.

B. ARC LIGHTING SYSTEMS.
Ft. Wayne Electric Corp., Ft. Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Keystone Electric Co., Erie, Pa.
Siemens & Halske Electric Co. of America, Chicago, Ill.
Thomson-Houston Elec. Co., 620 Atlantic Av., Boston Mass.
Triumph Electric Co., Cincinnati, O.
Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

C. CONTINUOUS CURRENT SYSTEMS.
Thos. H. Dallett & Co., York & Sedgley, Philadelphia, Pa.
General Electric Co., Schenectady, N. Y.

D. INCANDESCENT LIGHT SYSTEMS.
Ft. Wayne Electric Corp., Ft. Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Keystone Electric Co., Erie, Pa.
Siemens & Halske Electric Co. of America, Chicago, Ill.
Thomson-Houston Elec. Co., 620 Atlantic Av., Boston, Mass.
Triumph Electric Co., Cincinnati, O.
Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

1155. ELECTRIC LIGHT PROJECTORS.
Rushmore Dynamo Wks., Hudson & Morris, Jersey City, *2

1156. ELECTRIC LIGHT SUPPLIES.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
General Electric Co., Schenectady, N. Y.
Keystone Electric Co., Erie, Pa.
Partrick, Carter & Wilkins, 125 S. 2d St., Philadelphia, Pa.
Triumph Electric Co., Cincinnati, O.
Turner Brass Works, 122 Kinzie St., Chicago, Ill.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

A. ARC CUT-OUT BOXES.
T. H. Brady, New Britain, Conn.

B. ARC LAMP CLUTCHES.
Phila. Elec. & Mfg. Co., 2011 Market St., Philadelphia, Pa.

C. ARC LAMP PLUNGERS.
Holmes Fibre & Graphite Mfg. Co., Philadelphia, Pa.

D. CARBON HOLDERS.
Phila. Elec. & Mfg. Co., 2011 Market St., Philadelphia, Pa.

E. ELECTRIC LAMP GUARDS.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

F. ELECTRIC LAMP HOLDERS.
Faries Mfg. Co., Decatur, Ill.
William A. Franklin & Co., Rochester, N. Y.

G. ELECTRIC LIGHT HOODS.
T. H. Brady, New Britain, Conn.
Ft. Wayne Electric Corp., Fort Wayne, Ind.

H. ELECTRIC LIGHT PANEL BOARDS.
J. Jones & Son, 64 Cortlandt St., New York.

I. ELECTRIC LIGHT ROSETTES.
Bryant Electric Co., Bridgeport, Conn.

J. ELECTRIC LIGHT SOCKETS.
Bryant Electric Co., Bridgeport, Conn.

K. GLASS BULBS, INCANDESCENT LAMP.
Mount Washington Glass Co., New Bedford, Mass.

L. INCANDESCENT LAMP BUSHINGS.
Scranton Button Co., Ltd., Scranton, Pa.

M. MAST ARMS, ELECTRIC LIGHT.
T. H. Brady, New Britain, Conn.
Star Iron Tower Co., Fort Wayne, Ind.
Utica Electric Mfg. & Supply Co., Utica, N. Y.

1157. ELECTRIC SEARCH LIGHTS.
Fort Wayne Electric Corp., Fort Wayne, Ind.
General Electric Co., Schenectady, N. Y.
Rushmore Dynamo Wks., Hudson & Morris, Jersey City. *2
Thomson-Houston Elec. Co., Atlantic Av., Boston, Mass.

1158. FIXTURES, LIGHTING.

A. CHANDELIER WINDLASSES.
Edson Mfg. Co., Boston, Mass.

B. COMBINATION FIXTURES.
Ansonia Brass & Copper Co., 19 Cliff St., New York.

Archer & Pancoast Co., 570 1st Av., New York.
E. Baggot, 169 Adams St., Chicago, Ill.
P. J. Buck, Sons & Co., N. E. cor. 8th & Willow, Phila., Pa.
Cassidy & Son, 133 W. 23d St., New York.
W. S. Edwards Mfg. Co., 21 E. Lake St., Chicago, Ill.
E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
Mitchell-Vance Co., 836 Broadway, New York.
W. C. Vosburgh Mfg. Co., Ltd., 281 State, Brooklyn, N. Y.

C. CRYSTAL FIXTURES. I. P. Frink, 551 Pearl St., New York.
Mt. Washington Glass Co., New Bedford, Mass.

D. ELECTRIC LIGHT FIXTURES. Archer & Pancoast Co., 570 1st Av., New York.
E. Baggot, 169 Adams St., Chicago, Ill.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
P. J. Buck, Sons & Co., N. E. cor. 8th & Willow, Phila., Pa.
Cassidy & Son Mfg. Co., 133 W. 23d St., New York.
Cleveland Gas & Electric Fixture Co., Cleveland, O.
De Kosenko Mfg. Co., 804 Sansom St., Philadelphia, Pa.
W. S. Edwards Mfg. Co., 21 E. Lake St., Chicago, Ill.
I. P. Frink, 551 Pearl St., New York.
E. P. Gleason Electric Co., 20 W. Houston St., New York.
Horn & Brannen Mfg. Co., 427 N. Broad St., Phila., Pa.
Iden & Co., 42 University Place, New York.
Reinbold G. Ledig, 8211 Cherry St., Philadelphia, Pa.
Michigan Electric Co., 101 Woodward Av., Detroit, Mich.
Mitchell-Vance Co., 836 Broadway, New York.
Mt. Washington Glass Co., New Bedford, Mass.
A. Schultz & Co., 1016 E. Baltimore St., Baltimore, Md.
Thackara Mfg. Co., 1606 Chestnut St., Philadelphia, Pa.
W. C. Vosburgh Mfg. Co., Ltd., 281 State, Brooklyn, N. Y.

E. GAS FIXTURE FITTINGS, BRASS. W. C. Vosburgh Mfg. Co., Ltd., 281 State, Brooklyn, N. Y.

F. GAS FIXTURES. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Archer & Pancoast Co., 910 Broadway, New York.
E. Baggot, 169 Adams St., Chicago, Ill.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
P. J. Buck Sons & Co., N. E. cor. 8th & Willow, Phila., Pa.
Cassidy & Son Mfg. Co., 133 W. 23d St., New York.
Cleveland Gas & Electric Fixture Co., Cleveland, O.
De Kosenko & Son, 804 Sansom St., Phila., Pa.
W. S. Edwards Mfg. Co., 21 E. Lake St., Chicago, Ill.
Fay Gas Fixture Co., 1126 Olive St., St. Louis, Mo.
General Electric Co., Schenectady, N. Y.
Richard Hollings & Co., 51 Troy St., Boston, Mass.
Horn & Brannen Mfg. Co., 427 N. Broad St., Phila., Pa.
Iden & Co., 42 University Place, New York.
Reinbold G. Ledig, 821 Cherry St., Philadelphia, Pa.
Mitchell-Vance Co., 836 Broadway, New York.
G. W. Shaw & Co., 710 Chestnut St., Philadelphia, Pa.
A. Shultz & Co., 1016 E. Baltimore St., Baltimore, Md.
Thackara Mfg. Co., 1606 Chestnut St., Philadelphia, Pa.
W. C. Vosburgh Mfg. Co., Ltd., 281 State, Brooklyn, N. Y.
J. Williams, 556 W. 27th St., New York.

G. GAS PENDANTS. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Archer & Pancoast Co., 18 W. 25th St., New York.
E. Baggot, 167 Adams St., Chicago, Ill.
W. S. Edwards Mfg. Co., 21 E. Lake St., Chicago, Ill.
I. P. Frink, 551 Pearl St., New York.
E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
Mitchell-Vance Co., 836 Broadway, New York.
W. C. Vosburgh Mfg. Co., Ltd., 281 State, Brooklyn, N. Y.

H. HEADLIGHT FIXTURES. Clark Novelty Co., 380 Exchange St., Rochester, N. Y.
Wm. Porter's Son & Co., 194 Water St., New York.
Triumph Electric Co., Cincinnati, O.

I. OIL & LAMP FIXTURES. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Meriden Malleable Iron Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.
Chas. Parker Co., Meriden, Conn.
Pittsburg Brass Co., Pittsburg, Pa.

1159. FOOT LIGHTS. I. P. Frink, 551 Pearl St., New York.

1160. GASOLINE GAS GENERATORS.
Ransom Gas Machine Co. of New York, Oneida, N. Y.

1161. GAS TURNING KEYS. Thos. W. Houchin Co., 67 Park Place, New York.
Mitchell-Vance Co., 836 Broadway, New York.
Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.

1162. GLOBES & SHADES. Dithridge & Co., Pittsburg, Pa.

	Sneath Glass Co., Hartford City, Ind.
	Washington Glass Mfg. Co., Washington, Pa.
A. BILLIARD SHADES.	I. P. Frink, 551 Pearl St., New York.
	Wheeler Reflector Co., Boston, Mass.
B. CANDLE SHADES.	E. Baggot, 167 Adams St., Chicago, Ill.
	National Brass & Iron Works, Reading, Pa.
	Phoenix Glass Co., 15 Murray St., New York.
	Will & Baumer Co., Syracuse, N. Y.
C. ELECTRIC LIGHT GLOBES.	E. Baggot, 169 Adams St., Chicago, Ill.
	Dithridge & Co., Pittsburg, Pa.
	Gill & Co., Inc., York & Thompson Sts., Philadelphia, Pa.
	Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
	E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
	F. Hormann & Son, 2657 Salmon St., Philadelphia, Pa.
	Mount Washington Glass Co., New Bedford, Mass.
	J. J. Murray & Co., Trenton, cor. E. Willard Av., Phila., Pa.
	Phoenix Glass Co., 15 Murray St., New York.
	J. L. Rodgers, Pittsburg, Pa.
	Washington Glass Mfg. Co., Washington, Pa.
D. ELECTRIC LIGHT SHADES.	E. Baggot, 169 Adams St., Chicago, Ill.
	Faries Mfg. Co., Decatur, Ill.
	Gill & Co., Inc., York & Thompson Sts., Philadelphia., Pa.
	Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
	E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
	Mt. Washington Glass Co., New Bedford, Mass.
	J. J. Murray Co., Trenton, cor. E. Willard Av., Phila., Pa.
	Pacific Electric Co., La Crosse, Wis. *17
	Phoenix Glass Co., 15 Murray St., New York.
	Pratt Mfg. Co., 167 Wooster St., New York.
	Utility Shade Co., Tenafly, N. J.
	Washington Glass Mfg. Co., Washington, Pa.
	Wheeler Reflector Co., Boston, Mass.
E. GAS GLOBES.	C. Baggot, 169 Adams St., Chicago., Ill.
	Dithridge & Co., Pittsburg, Pa.
	Gill & Co., Inc., York & Thompson Sts., Philadelphia, Pa.
	Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
	E. P. Gleason, 20 W. Houston St., New York.
	F. Hormann & Son, 2657 Salmon St., Philadelphia, Pa.
	Mt. Washington Glass Co., New Bedford, Mass.
	J. J. Murray & Co., Trenton Av. & E. Willard, Phila., Pa.
	Phoenix Glass Co., 15 Murray St., New York.
	Smith Bros., New Bedford, Mass.
F. GAS GLOBES, CUT.	E. Baggot, 169 Adams St., Chicago, Ill.
	Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
	J. J. Murray Co., Trenton St., cor. E. Willard Av., Phila., Pa.
	Phoenix Glass Co., Pittsburg, Pa.
	Smith Bros., New Bedford, Mass.
G. GAS SHADES.	E. Baggot, 169 Adam St., Chicago, Ill.
	Thos. Evans Co., Pittsburg, Pa.
	Gill & Co., Inc., York & Thompson Sts., Phila., Pa.
	Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
	E. P. Gleason Glass Co., 20 W. Houston St., New York.
	Thos. W. Houchin Co., 67 Park Place, New York.
	Mt. Washington Glass Co., New Bedford, Mass.
	J. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
	Phoenix Glass Co., 15 Murray St., New York.
	Smith Bros., New Bedford, Mass.
H. GAS SHADES, TIN.	V. Quarre Co., 916 Filbert St., Philadelphia, Pa.
I. GLASS SHADES.	Gill & Co., York & Thompson Sts., Philadelphia, Pa.
	Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
	Mt. Washington Glass Co., New Bedford, Mass.
	J. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
	Phoenix Glass Co., Pittsburg, Pa.
	Smith Bros., New Bedford, Mass.
J. GLASS SHADES, FANCY.	Gill & Co., York & Thompson Sts., Philadelphia, Pa.
	Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
	Mt. Washington Glass Co., New Bedford, Mass.
	J. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
	Phoenix Glass Co., Pittsburg, Pa.
	Smith Bros., New Bedford, Mass.
K. HALF SHADES.	I. P. Frink, 551 Pearl St., New York.
L. LAMP GLOBES.	American Lamp & Brass Co., Trenton, N. J.
	Gill & Co., York & Thompson Sts., Phila., Pa.
	F. Hormann & Son, 2657 Salmon St., Phila., Pa.
	Lippincott Glass Co., Alexandria, Ind.
	J. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.

Phoenix Glass Co., 15 Murray St., New York.

M. LAMP GLOBES, DECORATED.
Dithridge & Co., Pittsburg, Pa.
Gill & Co., York & Thompson Sts., Phila., Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Washington Glass Mfg. Co., Washington, Pa.

N. LAMP SHADES.
Dithridge & Co., Pittsburg, Pa.
Thomas Evans Co., Pittsburg, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Mt. Washington Glass Co., New Bedford, Mass.
J. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
Phoenix Glass Co., 15 Murray St., New York.
Rochester Lamp Co., 35 Barclay St., New York.
Geo. N. Seaman Co., Boston, Mass.
Smith Bros., New Bedford, Mass.

O. LAMP SHADES, DECORATED.
American Lamp & Brass Co., Trenton, N. J.
Dithridge & Co., Pittsburg, Pa.
Gillinder & Son, 135 Oxford St., Phila., Pa.
J. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
Smith Bros., New Bedford, Mass.
Washington Glass Mfg. Co., Washington, Pa.

P. LAMP SHADES, FOLDING.
New England Novelty Mfg. Co., 24 Portland, Boston, Mass.
Geo. N. Seaman Co., Boston, Mass.

Q. LAMP SHADES, LACE.
L. D. Bloch & Co., 44 West Broadway, New York.
I. P. Frink, 551 Pearl St., New York.

R. LAMP SHADES, METAL.
American-Belgian Lamp Co., 31 Barclay St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
I. P. Frink, 551 Pearl St., New York.

S. LAMP SHADES, MIRROR.
I. P. Frink, 551 Pearl St., New York.

T. LAMP SHADES, SILK.
L. D. Bloch & Co., 44 W. Broadway, New York.
I. P. Frink, 551 Pearl St., New York.

U. LANTERN GLOBES.
Thos. Evans Co., Pittsburg, Pa.
Gill Bros. & Co., Steubenville, O.
Lippincott Glass Co., Alexandria, Ind.
Long Island Flint Glass Works, Maujer St., Brooklyn, N. Y.
S. McKee & Co., Pittsburg, Pa.
Rodefer Bros., Bellaire, O.
Sneath Glass Co., Hartford City, Ind.
Wormser Glass Co., Pittsburg, Pa.

V. OPAL SHADES.
Gill & Co., York & Thompson Sts., Phila., Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
Libbey Glass Co., Toledo, O.

W. PIANO LAMP SHADES.
American-Belgian Lamp Co., 47 Barclay St., New York.
Dithridge & Co., Pittsburg, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Geo. N. Seaman Co., 31 John St., Boston, Mass.
Smith Bros., New Bedford, Mass.

X. SEMAPHORE GLOBES.
Sneath Glass Co., Hartford City, Ind.

1163. HOLDERS, ELECTRIC LAMP.
American Electric Specialty Co., New York.
J. H. Bunnell & Co., 76 Cortlandt St., New York.
Central Electric Co., 264 5th Av., Chicago, Ill.
Fairies Mfg. Co., Decatur, Ill.
Ohio Electric Specialty Mfg. Co., Troy, O.

1164. HOLDERS, GLOBE & SHADE.
American-Belgian Lamp Co., 47 Barclay St., New York.
Barbee Wire & Iron Wks., 44 Dearborn St., Chicago, Ill.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Manhattan Brass Co., 338 E. 28th St., New York.
Mitchell-Vance Co., 836 Broadway, New York.
Pittsburg Brass Co., Pittsburg, Pa.
Steele & Johnson Mfg. Co., Waterbury, Conn.

1165. INCANDESCENT GAS LAMPS.
American Incandescent Lamp Co., New York.
American Lighting Co., 27 Union Square, W., New York.
Apollo Incandescent Gas Light Co., 1146 Broadway, N. Y.
Union Incandescent Light Co., 202 E. 46th St., New York.
Victor Incandescent Co., 171 6th Av., New York.
Welsbach Light Co., Drexel Bldg., Philadelphia, Pa.

1166. INCANDESCENT LIGHT BULBS.
Lippincott Glass Co., Alexandria, Ind.
E. J. S. Van Houten, 74 Park Place, New York.

1167. LAMP CHIMNEYS.
Adams & Westlake Co., Ontario & N. Franklin, Chicago, Ill.
American Lamp Chimney Co., Toledo, O.
Brox & Ryall, Port Jervis, N. Y.
Challinor, Taylor & Co., Pittsburg, Pa.

Consolidated Lamp & Glass Co., Coraopolis, Pa.
Corning Glass Works, Corning, N. Y.
E. De La Chapelle & Co., Ottawa, Ill.
Dithridge & Co., Pittsburg, Pa.
C. Dorflinger & Sons, White Mills, Pa.
Thomas Evans Co., Pittsburg, Pa.
Excelsior Flint Glass Co., Pittsburg, Pa.
Gill & Co., York & Thompson Sts., Philadelphia, Pa.
Gill Bros. & Co., Steubenville, O.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
E. P. Gleason Mfg. Co., 99 Commercial St., New York.
F. Hormann & Son, 2657 Salmon St., Philadelphia, Pa.
J. N. Huwer, 348 Maujer St., Brooklyn, N. Y.
John J. Kreutzer & Co., Peru, Ind.
Lippincott Glass Co., Alexandria, Ind.
Long Island Flint Glass Wks., Maujer St., Brooklyn, N. Y.
F. H. Lovell & Co., 118 John St., New York.
Geo. A. Macbeth Co., Pittsburg, Pa.
Marietta Glass Co., Red Key, Ind.
S. McKee & Co., Pittsburg, Pa.
McKee Bros., Jeannette, Pa.
J. J. Murray & Co., Trenton Av., cor. E. Willard, Phila., Pa.
Rodefer Bros., Bellaire, O.
Union Glass Co., 36 India St., Boston, Mass.
United States Glass Co., Pittsburg, Pa.

1168. LAMP FOUNTS.

Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Long Island Flint Glass Wks., Maujer St., Brooklyn, N. Y.
Pittsburg Brass Co., Pittsburg, Pa.

A. DECORATED LAMP FOUNTS.

American Lamp & Brass Co., Trenton, N. J.
Bridgeport Brass Co., Bridgeport, Conn.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
J. N. Huwer, 348 Maujer St., Brooklyn, N. Y.
Edward Miller & Co., Meriden, Conn.
Smith Bros., New Bedford, Mass.

B. GLASS LAMP FOUNTS.

American Lamp & Brass Co., Trenton, N. J.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Mt. Washington Glass Co., New Bedford, Mass.
J. J. Murray & Co., Trenton Av. & E. Willard, Phila., Pa.
National Brass & Iron Wks., Reading, Pa.
Phoenix Glass Co., Pittsburg, Pa.

C. METAL LAMP FOUNTS.

Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass & Clock Co., Bristol, Conn.
Holmes, Booth & Haydens, Waterbury, Conn.

1169. LAMP PARTS & TRIMMINGS.

Benedict & Burnham Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Edward Miller & Co., Meriden, Conn.
National Brass & Iron Wks., Reading, Pa.
Pittsburg Brass Co., Pittsburg, Pa.
Pittsburg Lamp & Brass Co., Ft. of Locust, Allegheny, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Wellington Mfg. Co., 468 Cherry St., New York.

A. BILLIARD LAMP FITTINGS.

Brunswick-Balke-Collender Co., 860 Broadway, N. Y.
Meriden Malleable Iron Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.

B. CARRIAGE LAMP MOUNTINGS.

Atwood Mfg. Co., Amesbury, Mass.
C. N. Lockwood & Co., Newark, N. J.

C. CHAIN LAMP HANGERS.

Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Meriden Malleable Iron Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.

D. HALL LAMP FITTINGS.

Bridgeport Brass Co., Bridgeport, Conn.
Meriden Malleable Iron Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.

E. LAMP BASES.

Bridgeport Brass Co., Bridgeport, Conn.
National Brass & Iron Wks., Reading, Pa.
Vermont Slate Syndicate, Ltd., Fair Haven, Vt.

F. LAMP COLLARS.

Benedict & Burnham Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.

Edward Miller & Co., Meriden, Conn.

G. LAMP HARPS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Meriden Malleable Iron Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.

H. LAMP IRONS.
Pratt & Letchworth Co., Buffalo, N. Y.

I. LAMP STANDARDS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
I. P. Frink, 551 Pearl St., New York.
Edward Miller & Co., Meriden, Conn.
W. H. Pries, Arlington, N. J.

J. OIL LAMP PARTS.
Bridgeport Brass Co., Bridgeport, Conn.
Edward Miller & Co., Meriden, Conn.

K. OIL LAMP TRIMMINGS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Edward Miller & Co., Meriden, Conn.

L. OIL SCREWS.
Bridgeport Brass Co., Bridgeport, Conn.
Edward Miller & Co., Meriden, Conn.

M. SAFETY LAMP GAUGES.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Everhart Brass Works, Scranton, Pa.
Hughes Bros., Scranton, Pa.

1170. LAMPS, ACETYLENE GAS.
Badger Brass Mfg. Co., Kenosha, Wis.
Hine-Watt Mfg. Co., 14 N. Canal St., Chicago, Ill.
Matthews & Willard Mfg. Co., Waterbury, Conn.

1171. LAMPS, BICYCLE.
Aladdin Lamp Co., 518 Broad St., Newark, N. J.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
E. P. Breckenridge Co., Toledo, O.
Bridgeport Brass Co., Bridgeport, Conn.
Bridgeport Gun Implement Co., Bridgeport, Conn.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Hitchcock Lamp Co., Watertown, N. Y.
Manhattan Brass Co., 238 E. 28th St., New York.
Matthews & Willard Mfg. Co., Waterbury, Conn.
F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
Edward Miller & Co., Meriden, Conn.
New Departure Bell Co., Bristol, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rose Mfg. Co., 910 Arch St., Philadelphia, Pa.
Chas. F. Stokes & Sons, Inc., 56 5th Av., Chicago, Ill.

A. BICYCLE ACETYLENE LAMPS.
Badger Brass Mfg. Co., Kenosha, Wis.
E. P. Breckenridge Co., Toledo, O.
James E. Plew, 1446 Wabash Av., Chicago, Ill.
White Mfg. Co., 158 Indiana St., Chicago, Ill.

B. BICYCLE ELECTRIC LAMPS.
Ohio Electric Works, Cleveland, O.

C. BICYCLE GAS LAMPS.
Beckley, Ralston Co., 178 Lake St., Chicago, Ill.
J. B. Colt Co., 3 W. 29th St., New York.
Matthews & Willard Mfg. Co., Waterbury, Conn.

1172. LAMPS, CARRIAGE.
Atwood Bros. Mfg. Co., Amesbury, Mass.
Carey & Co., 304 Race St., Philadelphia, Pa.
C. Cowles & Co., New Haven, Conn.
R. E. Dietz Co., 60 Laight St., New York.
English & Mersick Co., New Haven, Conn.
C. T. Ham Mfg. Co., Rochester, N. Y.
C. N. Lockwood & Co., Newark, N. J.
Rose Mfg. Co., 910 Arch St., Philadelphia, Pa.
Standard Carriage Lamp Co., 43 S. Canal St., Chicago, Ill.
United States Coach Lamp Co., New Haven, Conn.
White Mfg. Co., Bridgeport, Conn.

A. ACETYLENE CARRIAGE LAMPS.
Badger Brass Mfg. Co., Kenosha, Wis.

B. DASH LAMPS.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
C. N. Lockwood & Co., Newark, N. J.
McLeod, Ward & Co., 27 Thames St., New York.
Ohio Lantern Co., Tiffin, O.
Romer & Co., Inc., Newark, N. J.

C. ELECTRIC CARRIAGE LAMPS.
Ohio Electric Works, Cleveland, O.

D. SIDE LAMPS.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Ohio Lantern Co., Tiffin, O.

E. SOCKET LAMPS.
R. E. Dietz Co., 60 Laight St., New York.

1173. LAMPS, ELECTRIC.
Bryan-Marsh Co., 136 Liberty St., New York. *22

	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	F. H. Lovell & Co., 118 John St., New York.
	Ohio Electric Works, Cleveland, O.
A. ARC LAMPS.	Baechtold & Parker Elec. Co., 79 Wash., Brooklyn, N. Y.
	Central Electric Co., 264 5th Av., Chicago, Ill.
	J. B. Colt Co., 3 W. 29th St., New York.
	Diehl Mfg. Co., Elizabethport, N. J.
	Electric Appliance Co., 242 Madison St., Chicago, Ill.
	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	Gen'l. Electric Co., Schenectady, N. Y.
	Gen'l. Incd. Arc Light Co., 572 1st Av., New York.
	Lea Mfg. Co., Elwood, Ind.
	Morris Arc Lamp Co., Chester, Pa.
	Reading Electric Mfg. Co., Reading, Pa.
	Sterling Arc Lamp Co., 222 W. 26th St., New York.
	Thomson-Houston Elec. Co., Atlantic Av., Boston, Mass.
	United Elec. Improvement Co., 19th St., Philadelphia, Pa.
	Universal Elec. Stage Light Co., 842 Broadway, N. Y.
	Utica Electrical Mfg. & Supply Co., Utica, N. Y.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
	Westinghouse Elec. Co., Pittsburg, Pa.
B. ARC LAMPS, DIRECT CURRENT.	Fort Wayne Elec. Corporation, Fort Wayne, Ind.
	Gen'l. Electric Co., Schenectady, N. Y.
C. ARC LAMPS, ENCLOSED.	Diehl Mfg. Co., Elizabethport, N. J.
	Electric Arc Light Co., 120 Liberty St., New York.
	Fort Wayne Elec. Corporation, Fort Wayne, Ind.
	Morris Arc Lamp Co.. Chester, Pa.
	Nowotny Elec. Co., Cincinnati, O.
	Phila. Elec. & Mfg. Co., 2011 Market St., Philadelphia, Pa.
	Standard Thermometer & Elec. Co., Peabody, Mass.
	W. F. Warner Co., Muncie, Ind.
D. ARC LAMPS, OPEN.	Standard Thermometer & Elec. Co., Peabody, Mass.
E. BATTERY TABLE LAMPS.	Ohio Electric Wks., Cleveland, O.
F. DESK ELECTRIC LAMPS.	Pacific Electric Co., La Crosse, Wis. *17
G. ELECTRO CALCIUM LAMPS, THEATRE.	McLeod, Ward & Co., 27 Thames St., New York.
H. FOCUSING LAMPS.	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
I. HIGH RESISTENCE LAMPS.	United Elec. Improvement Co., 19th St., Philadelphia, Pa.
J. INCANDESCENT LAMPS.	Beacon Lamp Co., New Brunswick, N. J.
	E. G. Bernard Co., Troy, N. Y.
	Bryan-Marsh Co., 136 Liberty St., New York. *22
	Buckeye Electric Co., Cleveland, O.
	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Central Electric Co., 264 5th Av., Chicago, Ill.
	Chicago Edison Co., 139 Adams St., Chicago, Ill.
	Columbia Incandescent Lamp Co., St. Louis, Mo.
	Chas. A. Cooper & Co., St. Louis, Mo.
	Thomas A. Edison, Jr., 27 William St., New York.
	Edison Lamp Dept., Harrison, N. J.
	Electric Appliance Co., 242 Madison St., Chicago, Ill.
	Fort Wayne Elec. Corporation, Fort Wayne, Ind.
	Ft. Wayne Lamp Co., Ft. Wayne, Ind.
	Gen'l. Electric Co., Schenectady, N. Y.
	Illinois Electric Co., 239 Madison Av., Chicago, Ill.
	K. & W. Co., Pittsfield, Mass.
	Lynn Incd. Lamp Co., Lynn, Mass.
	Manhattan Brass Co., 338 E. 28th St., New York.
	Manhattan Elec. Sup. Co., 32 Cortlandt St., New York.
	Marlboro Elec. Mach. Lamp Co., Marlboro, Mass.
	Elmer E. McIntyre, Pittsburg, Pa.
	New York & Ohio Co., Warren, O.
	Ohio Brass Co., Mansfield, O.
	Orient Electrical Co., Youngstown, O.
	Shelby Electric Co., Shelby, O.
	Sterling Electric Co., 71 W. Adams St., Chicago, Ill.
	Sunbeam Incd. Lamp Co., Chicago, Ill.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
	Westinghouse Electric Mfg. Co., Pittsburg, Pa.
K. INCANDESCENT LAMPS, MINIATURE.	Bryan-Marsh Co., 136 Liberty St., New York. *22
	Edison Lamp Dept., Harrison, N. J.
L. INCANDESCENT LAMPS, PORTABLE SAFETY.	Elmer E. McIntyre, Pittsburg, Pa.
M. MAGIC LANTERN ELECTRIC LAMPS.	F. H. McAllister, 49 Nassau St., New York.
1174. LAMPS, FISHING.	James R. Baker & Son Co., Kendallville, Ind.

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1176. LAMPS, HOUSE.	
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B. BANQUET LAMPS, BRASS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York. Bradley & Hubbard Mfg. Co., Meriden, Conn. Richard Hollings & Co., 51 Troy St., Boston, Mass. Holmes, Booth & Haydens, Inc., Waterbury, Conn. Lane Mfg. Co., Kenosha, Wis. Matthews & Willard Mfg. Co., Waterbury, Conn. Meriden Bronze Co., Meriden, Conn. Middletown Plate Co., Middletown, Conn. Charles Parker Co., Meriden, Conn.
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D. BRACKET LAMPS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York. Bradley & Hubbard Mfg. Co., Meriden, Conn. Consolidated Lamp & Glass Co., Coraopolis, Pa. Manhattan Brass Co., 338 E. 28th St., New York. Meriden Malleable Iron Co., Meriden, Conn. F. Meyrose Lamp & Mfg. Co., St. Louis, Mo. Edward Miller & Co., Meriden, Conn. Chas. Parker Co., Meriden, Conn. Pittsburg Brass Co., Pittsburg, Pa. Rochester Lamp Co., 38 Park Place, New York. Wellington Mfg. Co., 468 Cherry St., New York. Wheeler Reflector Co., 24 Wash. St., Boston, Mass.
E. BRASS LAMPS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York. Badger Brass Mfg. Co., Kenosha, Wis. Bradley & Hubbard Mfg. Co., Meriden, Conn. Bridgeport Brass Co., Bridgeport, Conn. H. L. Judd & Co., 87 Chambers St., New York. Meriden Bronze Co., Meriden, Conn. Meriden Malleable Iron Co., Meriden, Conn. Pittsburg Brass Co., Pittsburg, Pa. Pittsburg Lamp & Brass Co., Allegheny, Pa. Plume & Atwood Mfg. Co., Waterbury, Conn. Rochester Lamp Co., 38 Park Place, New York. Scoville Mfg. Co., Waterbury, Conn. Wellington Mfg. Co., 468 Cherry St., New York. J. Williams, 556 W. 27th St., New York.
F. BRONZED IRON LAMPS.	Bradley & Hubbard Mfg. Co., Meriden, Conn. Meriden Bronze Co., Meriden, Conn.
G. CANDLE LAMPS.	Hill & Baumer Co., Syracuse, N. Y.
H. CENTRAL DRAUGHT LAMPS.	Bradley & Hubbard Mfg. Co., Meriden, Conn. Meriden Malleable Iron Co., Meriden, Conn. F. Meyrose Lamp & Mfg. Co., St. Louis, Mo. N. J. Bronze & Lamp Wks., New Brunswick, N. J. Pittsburg Brass Co., Pittsburg, Pa. Pittsburg Lamp & Brass Co., Allegheny, Pa.
I. CHANDELIER LAMPS.	Badger Brass Mfg. Co., Kenosha, Wis. Bradley & Hubbard Mfg. Co., Meriden, Conn. Meriden Bronze Co., Meriden, Conn. Edward Miller & Co., Meriden, Conn. Charles Parker Co., Meriden, Conn. Wellington Mfg. Co., 468 Cherry St., New York.
J. CLOCK LAMPS.	Bristol Brass & Clock Co., Bristol, Conn.
K. CUT GLASS LAMPS.	Consolidated Lamp & Glass Co., Coraopolis, Pa. C. Doerflinger & Sons, White Mills, Pa. Mt. Washington Glass Co., New Bedford, Mass. National Brass & Iron Works, Reading, Pa. Phoenix Glass Co., Pittsburg, Pa.
L. DECORATED LAMPS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York. Bradley & Hubbard Mfg. Co., Meriden, Conn. Dithridge & Co., Pittsburg, Pa. Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.

	Meriden Britannia Co., Meriden, Conn.
	Meriden Malleable Iron Co., Meriden, Conn.
	Edward Miller & Co., Meriden, Conn.
	Mt. Wash. Glass Co., New Bedford, Mass.
	National Brass & Iron Works, Reading, Pa.
	N. J. Bronze & Lamp Wks., New Brunswick, N. J.
	Pittsburg Brass Co., Pittsburg, Pa.
	Smith Bros., New Bedford, Mass.
	Washington Glass Mfg. Co., Washington, Pa.
M. EXTENSION LAMPS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York.
	Badger Brass Mfg. Co., Kenosha, Wis.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Meriden Bronze Co., Meriden, Conn.
	Edward Miller & Co., Meriden, Conn.
	Chas. Parker Co., Meriden, Conn.
	Pittsburg Brass Co., Pittsburg, Pa.
N. FAIRY LAMPS.	Mt. Wash. Glass Co., New Bedford, Mass.
	J. J. Murray & Co., Trenton Av & E. Willard, Phila., Pa.
O. FLASH LAMPS.	Folmer & Schwing Mfg. Co., 271 Canal St., New York.
	Thos. H. McCollin & Co., 1030 Arch St., Philadelphia, Pa.
	Physician's Supply Co., 140 Nassau St., New York.
P. GLASS LAMPS.	Central Glass Wks., Inc., Wheeling, W. Va.
	Consolidated Lamp & Glass Co., Coraopolis, Pa.
	Thomas Evans Co., Pittsburg, Pa.
	Fostoria Glass Co., Moundsville, W. Va.
	Hemingray Glass Co., Covington, Ky.
	Lane Mfg. Co., Kenosha, Wis.
	S. McKee & Co., Pittsburg, Pa.
	Mt. Wash. Glass Co., New Bedford, Mass.
	J. J. Murray & Co., Trenton Av. & E. Willard, Phila., Pa.
	National Brass & Iron Wks., Reading, Pa.
	Phoenix Glass Co., 15 Murray St., New York.
	Riverside Glass Works, Wellsburg, W. Va.
	United States Glass Co., Pittsburg, Pa.
	S. A. Weller, Zanesville, O.
Q. HALL LAMPS.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	John D. Boyd & Co., Trenton, N. J.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Meriden Malleable Iron Co., Meriden, Conn.
	Edward Miller & Co., Meriden, Conn.
	Chas. Parker Co., Meriden, Conn.
	Pittsburg Brass Co., Pittsburg, Pa.
	Wellington Mfg. Co., 468 Cherry St., New York.
R. HALL LAMPS, EXTENSION.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Edward Miller & Co., Meriden, Conn.
	Chas. Parker Co., Meriden, Conn.
	Pittsburg Brass Co., Pittsburg, Pa.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Wellington Mfg. Co., 468 Cherry St., New York.
S. HAND LAMPS, BRASS.	Bridgeport Brass Co., Bridgeport, Conn.
	James Hill Mfg. Co., Providence, R. I.
	Lane Mfg. Co., Kenosha, Wis.
	Manhattan Brass Co., 338 E. 28th St., New York.
	Edward Miller & Co., Meriden, Conn.
	Pittsburg Brass Co., Pittsburg, Pa.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Tower & Lyon, 95 Chambers St., New York.
T. HAND LAMPS, GALVANIZED.	James Hill Mfg. Co., Providence, R. I.
U. HAND LAMPS, GLASS.	Central Glass Works, Wheeling, W. Va.
	Consolidated Lamp & Glass Co., Coraopolis, Pa.
	Thomas Evans Co., Pittsburg, Pa.
	Fostoria Glass Co., Moundsville, W. Va.
	Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
	C. T. Ham Mfg. Co., Rochester, N. Y.
	Lane Mfg. Co., Kenosha, Wis.
	Long Island Flint Wks., Brooklyn, N. Y.
	S. McKee & Co., Pittsburg, Pa.
	J. J. Murray & Co., Trenton Av. & E. Willard, Phila., Pa.
	Riverside Glass Wks., Inc., Wellsburg, W. Va.
V. HAND LAMPS, IRON.	Tower & Lyon, 95 Chambers St., New York.
W. HAND LAMPS, SAFETY.	Glens Falls Lantern Co., Glens Falls, N. Y.
X. HAND LAMPS, TIN.	Amer. Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
	Ohio Lantern Co., Tiffin, O.

Y. HANGING LAMPS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Bristol Brass & Clock Co., Bristol, Conn.
	R. E. Dietz Co., 60 Laight St., New York.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Lane Mfg. Co., Kenosha, Wis.
	Manhattan Brass Co., 338 E. 28th St., New York.
	F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
	Edward Miller & Co., Meriden, Conn.
	National Brass & Iron Wks., Reading, Pa.
	Pittsburg Brass Co., Pittsburg, Pa.
	Rochester Lamp Co., 38 Park Place, New York.
	S. A. Weller, Zanesville, O.
Z. HARP LAMPS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Edward Miller & Co., Meriden, Conn.
	Pittsburg Brass Co., Pittsburg, Pa.
	S. A. Weller, Zanesville, O.
	Wheeler Reflector Co., 24 Wash. St., Boston, Mass.
AA. JACKET LAMPS.	Edward Miller & Co., Meriden, Conn.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
BB. JEWELLED LAMPS.	E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
	Edward Miller & Co., Meriden, Conn.
CC. KITCHEN LAMPS.	Winfield Mfg. Co., Warren, O.
DD. LIBRARY LAMPS.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Edward Miller & Co., Meriden, Conn.
	Mt. Wash. Glass Co., New Bedford, Conn.
	National Brass & Iron Wks., Reading, Pa.
	Chas. Parker Co., Meriden, Conn.
	Pittsburg Lamp & Brass Co., Pittsburg, Pa.
EE. LIBRARY LAMPS, EXTENSION.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Meriden Malleable Iron Co., Meriden, Conn.
	Edward Miller & Co., Meriden, Conn.
	Chas. Parker Co., Meriden, Conn.
	Pittsburg Lamp & Brass Co., Pittsburg, Pa.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
FF. MECHANICAL LAMPS.	Hitchcock Lamp Co., Watertown, N. Y.
GG. METAL LAMPS.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Middletown Plate Co., Middletown, Conn.
	N. J. Lamp & Bronze Wks., New Brunswick, N. J.
	Pittsburg Lamp & Brass Co., Pittsburg, Pa.
HH. NEWELL POST LAMPS.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Chas. Parker Co., Meriden, Conn.
II. NICKEL LAMPS.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Pittsburg Brass Co., Pittsburg, Pa.
JJ. NIGHT LAMPS.	R. E. Dietz Co., 60 Laight St., New York.
	Eagle Glass & Mfg. Co., Wellsburg, W. Va.
	Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
	Edward Miller & Co., Meriden, Conn.
	Plume & Atwood Mfg. Co., 18 Murray St., New York.
	Riverside Glass Wks., Inc., Wellsburg, W. Va.
	Rochester Lantern Co., Rochester, N. Y.
	S. A. Weller, Zanesville, O.
	Will & Baumer Co., Syracuse, N. Y.
KK. ORNAMENTAL LAMPS.	Anchor Silver Plate Co., Oswego, N. Y.
LL. PIANO LAMPS, BRASS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York.
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	Richard Hollings & Co., 51 Troy St., Boston, Mass.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Lane Mfg. Co., Kenosha, Wis.
	Matthews & Willard Mfg. Co., Waterbury, Conn.
	Meriden Bronze Co., Meriden, Conn.
	Edward Miller & Co., Meriden, Conn.
	Mitchell-Vance Co., 836 Broadway, New York.
	National Brass & Iron Wks., Reading, Pa.
	N. J. Lamp & Bronze Wks., New Brunswick, N. J.
	Chas. Parker Co., Meriden, Conn.
	Pittsburg Lamp & Brass Co., Pittsburg, Pa.
	Rochester Lamp Co., 38 Park Place, New York.
MM. PIANO LAMPS, IRON.	Amer.-Belgian Lamp Co., 47 Barclay St., New York.
	Richard Hollings & Co., 51 Troy St., Boston, Mass.
	Mitchell-Vance Co., 836 Broadway, New York.
NN. SILVER PLATED LAMPS.	Manhattan Silver Plate Co., 253 Broadway, New York.

Middletown Plate Co., Middletown, Conn.
Pairpoint Mfg. Co., New Bedford, Mass.
Pittsburg Lamp & Brass Co., Pittsburg, Pa.
Simpson-Hall-Miller Co., Wallingford, Conn.
Wilcox Silver Plate Co., Meriden, Conn.

OO. STAND LAMPS, GLASS.
Central Glass Wks., Inc., Wheeling, W. Va.
Consolidated Lamp & Glass Wks., Coraopolis, Pa.
Fostoria Glass Co., Moundsville, W. Va.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Lane Mfg. Co., Kenosha, Wis.

PP. STAND LAMPS, METAL.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Lane Mfg. Co., Kenosha, Wis.
S. McKee & Co., Pittsburg, Pa.
Meriden Malleable Iron Co., Meriden, Conn.
Pittsburg Brass Co., Pittsburg, Pa.
Wellington Mfg. Co., 468 Cherry St., New York.

QQ. STEEL LAMPS.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

RR. STUDENT LAMPS.
Manhattan Brass Co., 338 E. 28th St., New York.
Matthews & Willard Mfg. Co., Waterbury, Conn.
F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
Wellington Mfg. Co., 468 Cherry St., New York.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.

SS. TABLE LAMPS.
John D. Boyd & Co., Trenton, N. J.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Middletown Plate Co., Middletown, Conn.
Edward Miller & Co., Meriden, Conn.
Mitchell-Vance Co., 836 Broadway, New York.
Pittsburg Brass Co., Pittsburg, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
S. A. Weller, Zanesville, O.
Wellington Mfg. Co., 468 Cherry St., New York.

TT. VASE LAMPS.
Amer.-Belgian Lamp Co., 47 Barclay St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Clark Bros. Co., Trenton, N. J.
Fostoria Glass Co., Moundsville, W. Va.
Chas. Parker Co., Meriden, Conn.
Pittsburg Brass Co., Pittsburg, Pa.
Pittsburg Lamp & Brass Co., Pittsburg, Pa.
W. H. Pries, Arlington, N. Y.

UU. VESTIBULE LAMPS.
I. P. Frink, 551 Pearl St., New York.

VV. WAX NIGHT LAMPS.
Thos. W. Houchin Co., 67 Park Place, New York.

1177. LAMPS, HUNTING.
R. E. Dietz Co., 60 Laight St., New York.

1178. LAMPS, MARINE.
Amer.-Belgian Lamp Co., 47 Barclay St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
R. E. Dietz Co., 60 Laight St., New York.
G. M. Gregory, 214 Front St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Hicks & Schmidt, 848 Washington St., New York.
Edward Miller & Co., Meriden, Conn.
Wm. Porter's Sons Co., 271 Pearl St., New York.

1179. LAMPS, MINERS'.
Amer. Safety Lamp & Mine Supply Co., Scranton, Pa.
R. E. Dietz Co., 60 Laight St., New York.
Everhart Brass Works, Scranton, Pa.
Howard & Morse, 45 Fulton St., New York.
Hughes Bros., Scranton, Pa.
Hunt & Connell Co., Scranton, Pa.
Edward Miller & Co., Meriden, Conn.
Sidney Shepard & Co., Buffalo, N. Y.
Steam Gauge & Lantern Co., Syracuse, N. Y.

1180. LAMPS, ORCHESTRA.
I. P. Frink, 551 Pearl St., New York.
McLeod, Ward & Co., 27 Thames St., New York.

1181. LAMPS, PHOTOGRAPHERS' DARK ROOM.
R. E. Dietz Co., 60 Laight St., New York.
Hitchcock Lamp Co., Watertown, N. Y.
Jefferson Bros. Works, Watertown, N. Y.

1182. LAMPS, PULPIT.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
John L. Gaumer Co., c. 11th & Race Sts., Phila., Pa.
J. & R. Lamb, 59 Carmine St., New York.
Chas. Parker Co., Meriden, Conn.

1183. LAMPS, RAILROAD.

A. CABOOSE & TAIL LAMPS.
Adams & Westlake Co., N. Franklin St., Chicago, Ill.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Larter, Elcox & Co., 21 Maiden Lane, New York.

Steam Gauge & Lantern Co., Syracuse, N. Y.

B. CAR INSPECTORS' LAMPS. R. E. Dietz Co., 60 Laight St., New York.

C. CAR LAMPS.
Adams & Westlake Co., N. Franklin St., Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
J. G. Brill Co., Woodland Av. & 62d St., Philadelphia, Pa.
Dayton Mfg. Co., Dayton, O.
R. E. Dietz Co., 60 Laight St., New York.
Hicks & Schmidt, 848 Washington St., New York.
Jas. S. Howard & Co., Hartford, Conn.
R. R. Signal Lamp & Lantern Co., 447 W. 53d St., N. Y.
Rochester Headlight Wks., Rochester, N. Y.
Sherburne & Co., 53 Oliver St., Boston, Mass.
Thos. T. Smith, 352 Pearl St., New York.
Steam Gauge & Lantern Co., Syracuse, N. Y.

D. ELECTRIC CAR HEAD-LIGHTS. Thos. T. Smith, 352 Pearl St., New York.

E. LOCOMOTIVE CAB LAMPS.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Sherburne & Co., 53 Oliver St., Boston, Mass.

F. LOCOMOTIVE HEAD-LIGHTS.
Adams & Westlake Co., N. Franklin St., Chicago, Ill.
J. G. Brill Co., Woodland Av. & 62d St., Philadelphia, Pa.
Buhl Stamping Co., Detroit, Mich.
Cincinnati Railway Supply Co., Cincinnati, O.
Dayton Mfg. Co., Dayton, O.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Ohio Brass Co., Mansfield, O.
Rochester Headlight Works, Rochester, N. Y.
Sherburne & Co., 53 Oliver St., Boston, Mass.
Thos. T. Smith, 352 Pearl St., New York.
Star Headlight Co., Rochester, N. Y.
Steam Gauge & Lantern Co., Syracuse, N. Y.
Wheeler Reflector Co., Boston, Mass.

G. LOCOMOTIVE HEAD-LIGHTS, ELECTRIC.
Crouse-Hinds Electric Co., Syracuse, N. Y.
Ft. Wayne Electric Corporation, Ft. Wayne, Ind.
Gen'l. Electric Co., Schenectady, N. Y.
Western Elec. Supply Co., St. Louis, Mo.

H. SIGNAL LAMPS.
Adams & Westlake Co., N. Franklin St., Chicago, Ill.
R. E. Dietz Co., 60 Laight St., New York.
R. R. Signal Lamp & Lantern Co., 447 W. 53d St., N. Y.
Wells Light Mfg. Co., 44 Washington St., New York.

I. STATION LAMPS.
Buhl Stamping Co., Detroit, Mich.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Rochester Lamp Co., 35 Barclay St., New York.

J. SWITCH TARGET LAMPS.
R. E. Dietz Co., 60 Laight St., New York.
C. T. Ham Mfg. Co., Rochester, N. Y.

K. TRACTION ENGINE HEADLIGHTS. C. T. Ham Mfg. Co., Rochester, N. Y.

1184. LAMPS, REGENERATIVE, GAS.
Amer. Incandescent Lamp Co., 53 Park Place, New York.
Amer. Lighting Co., 27 Union Square, W., New York.
Siemens-Lungren Co., 813 Drexel Bldg., Phila., Pa.
Union Incandescent Light Co., 202 E. 46th St., New York.
Welsbach St. Lighting Co. of Amer., 1934 Market, Phila., Pa.
Welsbach Light Co., Philadelphia, Pa.

1185. LAMPS, SANCTUARY. Anchor Silver Plate Co., Oswego, N. Y.

1186. LAMPS, STREET.
R. E. Dietz Co., 60 Laight St., New York.
J. W. Fiske, 39 Park Place, New York.
C. T. Ham Mfg. Co., Rochester, N. Y.
Penn. Globe Gas Light Co., 248 N. Broad St., Phila., Pa.
Rochester Lamp Co., 38 Park Place, New York.

A. GAS STREET LAMPS.
Bartlett Lamp Mfg. Co., 319 Greenwich St., New York.
R. E. Dietz Co., 60 Laight St., New York.
E. P. Gleason Mfg. Co., 20 W. Houston St., New York.
F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
Rochester Lamp Co., 38 Park Place, New York.
Steam Gauge & Lantern Co., Syracuse, N. Y.
Sun Vapor Co., Canton, O.
Wellington Mfg. Co., 468 Cherry St., New York.
Wheeler Reflector Co., Boston, Mass.

B. REFLECTING STREET LAMPS.
Bartlett Lamp Mfg. Co., 319 Greenwich St., New York.
Wheeler Reflector Co., Boston, Mass.

1187. LAMPS, TORCH, STEEL.
McClintock & Irvine, Allegheny, Pa.

1188. LAMPS, WAREHOUSE. R. E. Dietz Co., 60 Laight St., New York.

1189. LANTERNS.	Adams & Westlake Co., N. Franklin St., Chicago, Ill.
	Bergen Mfg. Co., Canton, O.
	Bridgeport Brass Co., Bridgeport, Conn.
	L. M. De Vore & Co., Freeport, Ill.
	R. E. Dietz Co., 60 Laight St., New York.
	E. P. Gleason Co., 20 W. Houston St., New York.
	C. T. Ham Mfg. Co., Rochester, N. Y.
	Klemm & Co., 132 N. 5th St., Philadelphia, Pa.
	F. H. Lovell & Co., 118 John St., New York.
	Manhattan Brass Co., 338 E. 28th St., New York.
	Meriden Malleable Iron Co., Meriden, Conn.
	F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	R. R. Signal Lamp & Lantern Co., 447 W. 53d St., N. Y.
	Wheeler Reflector Co., Boston, Mass.
	Wheeling Stamping Co., Wheeling, W. Va.
A. BRASS LANTERNS.	Bridgeport Brass Co., Bridgeport, Conn.
	R. E. Dietz Co., 60 Laight St., New York.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Edward Miller & Co., Meriden, Conn.
B. BULKHEAD LANTERNS.	C. T. Ham Mfg. Co., Rochester, N. Y.
	Edward Miller Co., Meriden, Conn.
C. BULL'S EYE LANTERNS.	R. E. Dietz Co., 60 Laight St., New York.
	Howard & Morse, 45 Fulton St., New York.
	F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
	Edward Miller & Co., Meriden, Conn.
D. BUOY LANTERNS.	C. T. Ham Mfg. Co., Rochester, N. Y.
E. CANDLE LANTERNS.	Nicol & Co., 55 W. Washington St., Chicago, Ill.
	F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.
F. CONDUCTORS' LANTERNS.	R. E. Dietz Co., 60 Laight St., New York.
	C. T. Ham Mfg. Co., Rochester, N. Y.
	F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
	C. G. Smith, 350 Pearl St., New York.
G. DARK LANTERNS.	Badger Brass Mfg. Co., Kenosha, Wis.
H. DRIVING LANTERNS.	Glen Falls Lantern Co., Glen Falls, N. Y.
I. FIREMENS' LANTERNS.	Anderson & Jones, 190 Grand St., New York.
	Cairns & Bros., 143 Grand St., New York.
	R. E. Dietz Co., 60 Laight St., New York.
J. GLOBE LANTERNS.	R. E. Dietz Co., 60 Laight St., New York.
	Rochester Lamp Co., 38 Park Place, New York.
	C. G. Smith, 350 Pearl St., New York.
K. HALL LANTERNS, HANGING.	John L. Gaumer Co., 11th St., Philadelphia, Pa.
	Edward Miller & Co., Meriden, Conn.
	Chas. Parker Co., Meriden, Conn.
L. PAPER LANTERNS.	Amer. Flag Co., 45 Elizabeth St., New York.
M. POCKET LANTERNS.	R. E. Dietz Co., 60 Laight St., New York.
N. POLICE LANTERNS.	R. E. Dietz Co., 60 Laight St., New York.
	Tower & Lyon, 95 Chambers St., New York.
O. RAILWAY LANTERNS.	R. E. Dietz Co., 60 Laight St., New York.
	C. T. Ham Mfg. Co., Rochester, N. Y.
	F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
	Ohio Lantern Co., Tiffin, O.
	Railroad Signal Lamp & Lantern Co., 447 W. 53d, N. Y.
	Thos. T. Smith, 350 Pearl St., New York.
	Nathaniel Tufts Meter Co., 8 Medford St., Boston, Mass.
	Washington Glass Mfg. Co., Washington, Pa.
	Wheeler Reflector Co., Boston, Mass.
P. REFLECTOR LANTERNS.	C. T. Ham Mfg. Co., Rochester, N. Y.
Q. SHIP LANTERNS.	F. H. Lovell & Co., 118 John St., New York.
	Nathaniel Tufts Meter Co., 8 Medford St., Boston, Mass.
R. STREET LANTERNS.	Amer.-Belgian Lamp Co., 47 Barclay St., New York.
	J. B. & J. M. Cornell, 141 Centre St., New York.
	R. E. Dietz Co., 60 Laight St., New York.
	Thos. T. Smith, 352 Pearl St., New York.
	Nathaniel Tufts Meter Co., 8 Medford St., Boston, Mass.
	Wellington Mfg. Co., 468 Cherry St., New York.
	Wheeler Reflector Co., Boston, Mass.
S. TUBULAR LANTERNS.	Buhl Stamping Co., Detroit, Mich.
	R. E. Dietz Co., 60 Laight St., New York.
	Glens Falls Lantern Co., Glens Falls, N. Y.
	C. T. Ham Mfg. Co., Rochester, N. Y.
	Matthews & Willard Co., Waterbury, Conn.
	F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
	Ohio Lantern Co., Tiffin, O.
	Washington Glass Mfg. Co., Washington, Pa.
	Wheeling Stamping Co., Wheeling, W. Va.

Winfield Mfg. Co., Warren, O.

T. TUBULAR LANTERNS, SAFETY. Glens Falls Lantern Co., Glens Falls, N. Y.

1190. LANTERN TRIMMINGS.

Bridgeport Brass Co., Bridgeport, Conn.
Edward Miller & Co., Meriden, Conn.

1191. MAGNESIUM FLASH LIGHT APPARATUS.

S. Hawkeridge, Hoboken, N. J.
H. G. Ramsperger & Co., 180 Pearl St., New York.
Von Lengerke & Detmold, 318 Broadway, New York.

1192. MATCHES.

American Match Co., Aurora, Ind.
Continental Match Co., 195 Broadway, New York.
Diamond Match Co., 92 Friend St., Boston, Mass.
Hanover Match Co., Hanover, Pa.
Portland Star Match Co., Portland, Me.
Trenton Match Co., Trenton, N. J.

1193. PORTABLE LIGHTING SYSTEMS, COMPLETE.

Daimler Mfg. Co., Long Island City, N. Y.

1194. PORTABLES.

I. P. Frink, 551 Pearl St., New York.
Matthews & Willard Mfg. Co., Waterbury, Conn.
McLeod, Ward & Co., 27 Thames St., New York.
National Brass & Iron Works, Reading, Pa.

1195. REFLECTORS.

I. P. Frink, 551 Pearl St., New York.
Universal Elec. Stage Lighting Co., 842 Broadway, N. Y.
Wheeler Reflector Co., Boston, Mass.

A. CLUSTER REFLECTORS, SECTIONAL GLASS. I. P. Frink, 551 Pearl St., New York.

B. DAYLIGHT REFLECTORS. I. P. Frink, 551 Pearl St., New York.
Klemm & Co., 132 N. 5th St., Philadelphia, Pa.
Wheeler Reflector Co., Boston, Mass.

C. ELECTRIC LIGHT REFLECTORS. Faries Mfg. Co., Decatur, Ill.
I. P. Frink, 551 Pearl St., New York.
Klemm & Co., 132 N. 5th St., Philadelphia, Pa.
Pratt Mfg. Co., 167 Wooster St., New York.
Wheeler Reflector Co., Boston, Mass.

D. ENAMELLED REFLECTORS. Wheeler Reflector Co., Boston, Mass.

E. GAS LIGHT REFLECTORS. I. P. Frink, 551 Pearl St., New York.
B. Goetz Mfg. Co., 251 3d Av., New York.
Klemm & Co., 132 N. 5th St., Philadelphia, Pa.
Thos. T. Smith, 352 Pearl St., New York.
Wheeler Reflector Co., Boston, Mass.

F. LAMP REFLECTORS. Dayton Mfg. Co., Dayton, O.
Thomas Evans Co., Pittsburg, Pa.
Excelsior Flint Glass Co., Pittsburg, Pa.
I. P. Frink, 551 Pearl St., New York.
Gill Bros. & Co., Steubenville, O.
Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
Klemm & Co., 132 N. 5th St., Philadelphia, Pa.
Manhattan Brass Co., 338 E. 28th St., New York.
Rochester Lamp Co., 38 Park Place, New York.
Wheeler Reflector Co., Boston, Mass.

G. MIRROR PLATE REFLECTORS. I. P. Frink, 551 Pearl St., New York.
Gill Bros. & Co., Steubenville, O.
Wheeler Reflector Co., Boston, Mass.

H. PICTURE LIGHTS. I. P. Frink, 551 Pearl St., New York.
Wheeler Reflector Co., Boston, Mass.

I. SILVERED GLASS REFLECTORS. Thomas Evans Co., Pittsburg, Pa.
Gill Bros. & Co., Steubenville, O.
Geo. A. Macbeth Co., Pittsburg, Pa.
Mt. Washington Glass Co., New Bedford, Mass.
Wheeler Reflector Co., Boston, Mass.

1196. SCONCES.

A. BRASS SCONCES. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., 87 Chambers St., New York.

B. BRONZE SCONCES. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Meriden Bronze Co., Meriden, Conn.
N. J. Lamp & Bronze Wks., New Brunswick, N. J.

C. PLATED SCONCES. Meriden Britannia Co., Meriden, Conn.

1197. SMOKE BELLS.

A. BRASS SMOKE BELLS. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., 87 Chambers St., New York.
Manhattan Brass Co., 338 E. 28th St., New York.

B. GLASS SMOKE BELLS. Gill & Co., York & Thompson Sts., Philadelphia, Pa.

	Gillinder & Sons, 135 Oxford St., Philadelphia, Pa.
	Marietta Glass Co., Red Key, Ind.
	Sneath Glass Co., Hartford City, Ind.
1198. THEATRE DIMMERS.	Iron Clad Resistance Co., Westfield, N. J.
	Chas. Wirt, 1028 Filbert St., Philadelphia, Pa.
1199. TORCHES.	Mitchell-Vance Co., 836 Broadway, New York.
	Wellington Mfg. Co., 468 Cherry St., New York.
A. ALCOHOL TORCHES.	Mitchell-Vance Co., 836 Braodway, New York.
	Wellington Mfg. Co., 468 Cherry St., New York.
	William Wiler, 223 S. 5th St., Philadelphia, Pa.
B. BLOW TORCHES.	M. L. Hull, Cleveland, O.
	Turner Brass Works, 122 Kinzie St., Chicago, Ill.
	White Mfg. Co., 158 Indiana St., Chicago, Ill.
C. CAMPAIGN TORCHES.	Horne & Danz Co., St. Paul, Minn.
	Sidney Shepard & Co., Buffalo, N. Y.
	X. Stoutenborough, 277 Pearl St., New York.
D. ENGINE TORCHES, MALLEABLE.	Dayton Malleable Iron Co., Dayton, O.
E. EXTENSION TORCH HANDLES.	Thos. W. Houchin Co., 67 Park Place, New York.
F. GAS LIGHTING TORCHES.	A. S. Henn & Co., New Haven, Conn.
	Thos. W. Houchin Co., 67 Park Place, New York.
	Eugene Munsell & Co., 218 Water St., New York.
G. GAS LIGHTING TORCHES, ELECTRIC.	A. L. Bogart Co., 123 Liberty St., New York.
	M. L. Hull, Cleveland, O.
H. GASOLINE TORCHES.	J. R. Baker & Sons Co., Kendallville, Ind.
	Clayton & Lambert Mfg. Co., Ipsilanti, Mich.
	Nat'l Cement and Rubber Mfg. Co., Toledo, O.
	Standard Lighting Co., Cleveland, O.
	Wellington Mfg. Co., 468 Cherry St., New York.
I. IRON TORCHES.	Arthur Kirk & Son, Pittsburg, Pa.
J. OIL TORCHES.	Manhattan Brass Co., 338 E. 28th St., New York.
	Standard Lighting Co., Cleveland, O.
	X. Stoutenborough, 277 Pearl St., New York.
	Wm. Vogel & Bros., 37 S. 9th St., S. Brooklyn, N. Y.
	Wellington Mfg. Co., 468 Cherry St., New York.
K. PORTABLE TORCHES.	X. Stoutenborough, 277 Pearl St., New York.
	Wellington Mfg. Co., 468 Cherry St., New York.
L. SHOP TORCHES, MALLEABLE.	Dayton Malleable Iron Co., Dayton, O.
M. TAPER TORCHES.	Mitchell-Vance Co., 836 Broadway, New York.
N. TIN TORCHES.	Amer. Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Troy Stamping Works, Troy, N. Y.
O. WALL TORCHES.	M. L. Hull, 24 Broadway, Cleveland, O.
1200. WICKS.	
A. ASBESTOS WICKS.	H. W. Jones Mfg. Co., 100 William St., New York.
	A. F. Watson Co., Erie, Pa.
B. BRAIDED TORCH WICKS.	McClintock & Irvine, Allegheny, Pa.
C. CANDLE WICKS.	A. R. Darrow, E. Lyme, Conn.
	Fletcher Mfg. Co., Providence, R. I.
	Wm. E. Hooper & Sons, Baltimore, Md.
	Lees Mfg. Co., Westport, Conn.
	T. Sheldon, Central Village, Conn.
	W. Sherman Lees, 52 Leonard St., New York.
	J. P. Travers & Sons, 46 Beekman St., New York.
	Geo. E. Weeden, Providence, R. I.
	Woodberry Mfg. Co., Baltimore, Md.
D. COTTON BALL WICKS.	Fletcher Mfg. Co., Providence, R. I.
	Massasoit Mfg. Co., 56 Leonard St., New York.
E. COTTON WICKS.	Amer. Tubing and Webbing Co., Providence, R. I.
	Eagle Cotton Mill Co., Madison, Ind.
	Fletcher Mfg. Co., Providence, R. I.
	Amon Green & Co., Baltimore, Md.
	Wm. E. Hooper & Sons, Baltimore, Md.
	January & Wood Co., Maysville, Ky.
	Lees Mfg. Co., Westport, Conn.
	J. P. Travers & Son, 46 Beekman St., New York.
	Westport Mfg. Co., Fall River, Mass.
F. LAMP WICKS.	Amer. Tubing and Webbing Co., Providence, R. I.
	Ansonia O. & C. Co., Ansonia, Conn.
	Fletcher Mfg. Co., Providence, R. I.
	Wm. E. Hooper & Sons, Baltimore, Md.
	New Jersey Wick Co., Newark, N. J.
	Thos. Sheldon, Central Village, Conn.
G. MINERS' WICKS.	Fletcher Mfg. Co., Providence, R. I.
	Lees Mfg. Co., Westport, Conn.

Thos. Sheldon, Central Village, Conn.

H. STOVE & HEATER WICKS. Amer. Tubing and Webbing Co., Providence, R. I.
New Jersey Wick Co., Newark, N. J.

XXIV. LIQUORS.

1201. ALE.

P. Ballantine & Sons, Newark, N. J.
Beadleston & Woerz, Inc., 291 W. 10th St., New York.
Bergner & Engle Br'g Co., Master c. N. 32d Sts., Philada., Pa.
Burkhardt Brew. Co., Parker c. Stanton Sts., Boston, Mass.
Thos. Clements Bottling Co., Ltd., 234 Queen St., Phila, Pa.
Elmira Brewing Co., Elmira, N. Y.
Christian Feigenspan, Newark, N. J.
Fitzgerald Bros. Brewing Co., Troy, N. Y.
Greenway Brewing Co., Syracuse, N. Y.
Howard & Fuller Brewing Co., Bridge St., Brooklyn, N. Y.
Indianapolis Brewing Co., Indianapolis, Ind.
True W. Jones Brew. Co., Hancock St., Manchester, N. H.
Kennedy & Murphy Malting & Brewing Co., Troy, N. Y.
H. Koehler & Co., Inc., 501 1st Av., New York.
Leavy & Britton Brewing Co., 195 Front St., Brooklyn, N. Y.
Long Island Brewery, Inc., 86 3d Av., Brooklyn, N. Y.
N. Y. & Brooklyn Brew. Co., 48 Scholes St., Brooklyn, N. Y.
Russell & Rees, 71 Greenwich Av., New York.
Smith Brewing Co., Inc., Wheeling, W. Va.

A. GINGER ALE.

Baker & Co., Newark, N. J.
Bethesda Mineral Spring Co., Waukesha, Wis.
Bolen & Byrne Mfg. Co., 415 E. 54th St., New York.
Centennial Brewing Co., Butte City, Mont.
Thos. Clements Bott'g Co., 234 Queens St., Philadelphia, Pa.
De Lisser & Co., 457 W. 26th St., New York.
Houck & Dieter, El Paso, Texas.
Sachs-Prudens Ginger Ale Co., Dayton, O.

B. INDIA PALE ALE.

P. Ballantine & Sons, Newark, N. J.
Bergner & Engle Brew. Co., Master St., Philadelphia, Pa.
C. H. Evans & Sons, Hudson, N. Y.
Greenway Brewing Co., Syracuse, N. Y.
H. Rademaker & Sons, Grand Rapids, Mich.
Sachs-Prudens Ginger Ale Co., Dayton, O.

1202. BEER.

A. EXPORT BEER.

Anheuser-Busch Brewing Association, St. Louis, Mo.
P. Ballantine & Sons, Newark, N. J.
Beadleston & Woerz, Inc., 291 W. 10th St., New York.
Bergner & Engle Brew. Co., Master St., Philadelphia, Pa.
F. W. Cook Brewing Co., Evansville, Ind.
C. H. Evans & Sons, Hudson, N. Y.
John Gund Brewing Co., La Crosse, Wis.
Hartmann & Fehrenbach Brewing Co., Wilmington, Del.
Pabst Brewing Co., Milwaukee, Wis.
Jacob Ruppert, 1639 3d Av., New York.
Joseph Schlitz Brewing Co., Milwaukee, Wis.

B. LAGER BEER.

Alabama Brewing Co., Birmingham, Ala.
American Brewing Co., Rochester, N. Y.
Anheuser-Busch Brewing Association, St. Louis, Mo.
Bachmann Brewing Co., Clifton, N. Y.
P. Ballantine & Sons, Newark, N. J.
Baltimore Brewing Co., Baltimore, Md.
Bartholomay Brewery Co., Rochester, N. Y.
Geo. Bauernschmidt Brewing Co., Baltimore, Md.
Beadleston & Woerz, Inc., 291 W. 10th St., New York.
Geo. Bechtel Brewing Co., Stapleton, N. Y.
Herman Berghoff Brewing Co., Ft. Wayne, Ind.
Bergner & Engle Brew. Co., Master St., Philadelphia, Pa.
Valentine Blatz Brewing Co., Malwaukee, Wis.
Born & Co., 579 S. Front St., Columbus, O.
Burkhardt Brewing Co., Parker & Station Sts., Boston, Mass.
Centennial Brewing Co., Butte City, Mont.

F. W. Cook Brewing Co., Evansville, Ind.
Cooke Brewing Co., Lake Shore, f. 27th St., Chicago, Ill.
Cream City Brewing Co., Milwaukee, Wis.
Dallas Brewery, Dallas, Texas.
Decatur Brewing Co., Decatur, Ill.
Christian Diehl Brewing Co., Water St., Defiance, O.
Eagle Brewing Co., Utica, N. Y.
George Ehret, 935 E. 92d St., New York.
Elmira Brewing Co., Elmira, N. Y.
Fred. Emmert Brewing Co., St. Paul, Minn.
Estate of Wm. Bierbauer, Mankato, Minn.
James Everard's Breweries, Inc., 12 E. 133d St. New York.
Christian Feigenspan, 2-50 Freeman St., Newark, N. J.
August Finck & Son, 324 W. 39th St., New York.
Findlay Brewing Co., Toledo, O.
A. Fitger & Co., Duluth, Minn.
Foss-Schneider Brewing Co., Freeman Av., Cincinnati, O.
M. Funk Brewing Co., St. Paul, Minn.
Gambrinus Stock Co., Sycamore St., Cincinnati, O.
Genesee Brewing Co., Rochester, N. Y.
Gerke Brewing Co., Plum & Canal Sts., Cincinnati, O.
Grasser & Brand Brewing Co., Toledo, O.
Greenway Brewing Co., Syracuse, N. Y.
John Gund Brewing Co., La Crosse, Wis.
A. Haas Brewing Co., Houghton, Mich.
Theo. Hamm Brewing Co., St. Paul, Minn.
Hartmann & Fehrenbach Brewing Co., Wilmington, Del.
John Hauck Brewing Co., 41 Dayton St., Cincinnati, O.
Ferd. Heim Brewing Co., Kansas City, Mo.
L. Hoster Brewing Co., Columbus, O.
A. J. Houghton Co., 37 Station St., Boston, Mass.
Houston Ice & Brewing Co., Houston, Texas.
Indianapolis Brewing Co., Indianapolis, Ind.
Frank Jones Brewing Co., 147 Congress St., Boston, Mass.
John Kauffman Brewing Co., Cincinnati, O.
Gottfried Krueger Brewing Co., Newark, N. J.
Jung Brewing Co., 765 Freeman Av., Cincinnati, O.
Wm. Kearney's Sons, Syracuse, N. Y.
Keystone Brewing Co., Inc., Pittsburg, Pa.
F. Koehler & Co., Erie, Pa.
John Kress Brewing Co., 207 E. 54th St., New York.
Wm. J. Lemp Brew. Co., 13th & Cherokee Sts., St. Louis, Mo.
S. Liebmann's Sons Brew. Co., 36 Forrest St., B'klyn, N. Y.
Lone Star Brewing Co., San Antonio, Texas.
Lyon & Sons' Brewing Co., Newark, N. J.
Madison Brewing Co., Madison, Ind.
J. & A. McKechnie Brewing Co., Canandaigua, N. Y.
Metz Bros.' Brewing Co., Omaha, Neb.
C. & J. Michel Brewing Co., La Crosse, Wis.
C. Moerlein Brewing Co., 711 Elm St., Cincinnati, O.
Montgomery Brewery, Montgomery, Ala.
Ferd. Munch Brewery, Inc., 277 Vernon Av., B'klyn, N. Y.
Muskegon Brewing Co., Muskegon, Mich.
National Brewing Co., Baltimore, Md.
National Brewing Co., San Francisco, Cal.
New Orleans Brewing Association, New Orleans, La.
N. Y. & Brooklyn Brewing Co., 48 Scholes St., B'klyn, N. Y.
Niagara Falls Brewing Co., Niagara Falls, N. Y.
Obermann Brewing & Bottling Co., Milwaukee, Wis.
Obermeyer & Liebmann Brew. Co., 67 Bremen St., B'klyn.
Pabst Brewing Co., Milwaukee, Wis.
Phoenix Brewing Co., Louisville, Ky.
Pittsburgh Pure Beer Brewing Co., Bennett, Pa.
Robert Portner Brewing Co., Augusta, Ga.
F. A. Poth & Sons, N. 31st & Jefferson Sts., Philada., Pa.
Paul Reising Brewing Co., New Albany, Ind.
Reymann Brewing Co., Wheeling, W. Va.
Geo. Ringler & Co., Inc., 203 E. 92d St., New York.
Rubsam & Horrmann Brewing Co., Stapleton, N. Y.
Jacob Ruppert, 1639 3d Av., New York.
Russell & Rees, 71 Greenwich Av., New York.
St. Louis Brewing Association, 421 Olive St., St. Louis, Mo.
Salt Lake City Brewing Co., Salt Lake City, Utah.
San Antonio Brewing Association, San Antonio, Texas.
Schaefer-Meyer Brewing Co., Louisville, Ky.
Schantz & Schwind Brewing Co., ft. S. Perry St., Dayton, O.

August Schell, New Uhn, Minn.
Joseph Schlitz Brewing Co., Milwaukee, Wis.
Schmulbach Brewing Co., Wheeling, W. Va.
Peter Schoenhoefen Brewing Co., Canalport Av., Chicago, Ill.
J. G. Sohn & Co., 328 McMicken Av., Cincinnati, O.
Conrad Stein, 524 W. 57th St., New York.
David Stevenson Brewing Co., 521 10th Av., New York.
B. Stroh Brewing Co., Detroit, Mich.
Suffolk Brewing Co., 243 E. 8th St., Boston, Mass.
Tennessee Brewing Co., Memphis, Tenn.
Terre Haute Brewing Co., Terre Haute, Ind.
Wacker & Birk B. & M. Co., 171 N. Desplaines, Chicago, Ill.
J. Walker Brewing Co., 385 Sycamore St., Cincinnati, O.
J. F. Wiessner & Bros. Brewing Co., Baltimore, Md.
Windisch-Muhlhauser Brewing Co., Cincinnati, O.
Yoerg Brewing Co., St. Paul, Minn.

C. PILSENER BEER.
F. W. Cook Brewing Co., Evansville, Ind.
Jung Brewing Co., Milwaukee, Wis.

D. ROOT BEER.
Chas. E. Hires, 1 Fairmount Av., Philadelphia, Pa.
G. B. Seely's Son, 319 W. 15th St., New York.
Geo. Stang, Louisville, Ky.

E. WEISS BEER.
Thos. Clements Bottling Co., Ltd., 234 Queen St., Phila., Pa.
Ernst Funk, 50 Osgood St., Chicago, Ill.
J. F. Hughes, 146 W. 31st St., New York.
A. Koch's Son, 455 1st Av., New York.
G. B. Seely's Son, 319 W. 15th St., New York.
W. H. Weber, Racine, Wis.
A. C. & G. F. Weber, Albany, N. Y.

1203. BITTERS.
C. W. Abbott & Co., Baltimore, Md.
Bolen & Byrne Mfg. Co., 419 E. 54th St., New York.
Wm. A. Farrie & Co., Boston, Mass.
L. Funke, Jr., 78 John St., New York.
Hostetter Co., Pittsburg, Pa.
Roew & Kamp Bros., Oshkosh, Wis.
C. A. Theller, 34 West St., New York.

1204. BRANDY.
Brun & Chaix, Oakville, Cal.
H. W. Crabb, Oakville, Cal.
Edge Hill Vineyard Co., St. Helena, Cal.
Gunlach, Bundschu Wine Co., San Francisco, Cal.
Italian-Swiss Colony, San Francisco, Cal.
Lenk Wine Co., Toledo, O.
Pleasant Valley Wine Co., Rheims, N. Y.
L. J. Rose & Co., Ltd., San Gabriel, Cal.
Sierra Madre Vintage Co., Lamanda, Cal.
Sonoma Wine & Brandy Co., 18 Hamilton Av., B'klyn, N. Y.
Urbana Wine Co., Urbana, N. Y.
Walden & Co., Geyserville, Cal.
Geo. West & Son, Stockton, Cal.

A. APPLE BRANDY.
Duffy Cider Co., Rochester, N. Y.
Geo. W. Hillard, Brighton, Ill.

B. BLACKBERRY BRANDY.
California Wine Association, San Francisco, Cal.
Gordon & Dillworth, Inc., 561 Greenwich St., New York.
Mihalovitch, Fletcher & Co., Cincinnati, O.
T. Calvin Shafer Co., 8 West Broadway, New York.

C. FRUIT BRANDY.
Rheinstrom Bros., Martin & Pearl Sts., Cincinnati, O.

D. GRAPE BRANDY.
John Becker, Belen, New Mexico.
Beringer Bros., St. Helena, Cal.
Engels & Krudwig Wine Co., Sandusky, O.
C. W. Garrett & Co., Medoc, N. C.
Gordon & Dillworth, 565 Greenwich St., New York.
Lenk Wine Co., Toledo, O.
A. Schmidt, Jr., & Bro., Sandusky, O.
Chas. Stern & Sons, Inc., Los Angeles, Cal.
A. Wehrle & Son, Middlebass, O.

1205. CARBONATED BEVERAGES.
E. T. Bellis, Middleboro, Ky.
Consumers' Co., Butler St., Chicago, Ill.
Firm of John Matthews, 329 E. 26th St., New York.
Gray Bros., New Canaan, Conn.
J. F. Hughes, 146 W. 31st St., New York.
Ortonville Bottling Wks., Ortonville, Minn.
Sachs-Prudens Ginger Ale Co., Dayton, O.
Carl H. Schultz, 440 1st Av., New York.
G. B. Seely's Son, 319 W. 15th St., New York.
Turkish Cream Soda Co., Mercur, Utah.

1206. CIDER.

Alden Vinegar Co., 1001 N. Levee St., St. Louis, Mo.
Ann Arbor Fruit & Vinegar Co., Ann Arbor, Mich.
W. M. Barrett & Co., 41 Dearborn Av., Chicago, Ill.
J. C. Beach & Co., Palatine Bridge, N. Y.
Bolen & Byrne Mfg. Co., 415 E. 54th St., New York.
Brattleboro Jelly Co., Brattleboro, Vt.
Centennial Brewing Co., Butte City, Mont.
Clapp-Morrill Fruit & Cider Co., Independence, Mo.
Thos. Clements Bottling Co., Ltd., 234 Queens St., Phila., Pa.
Cleveland Cider Co., Unionville, O.
Dahinden & Gallasch Mfg. Co., Milwaukee, Wis.
M. Doyle & Co., Rochester, N. Y.
John A. Dowst & Son, 179 Meserole Av., Brooklyn. N. Y.
Duffy Cider Co., Rochester, N. Y.
Genesee Fruit Co., 499 West St., New York.
B. F. Geutsch Sons, Buffalo, N. Y.
Wm. Henning, 113 North Av., Chicago, Ill.
Geo. W. Hillard, Brighton, Ill.
Houck & Dieter, El Paso, Texas.
J. F. Hughes, 146 W. 31st St., New York.
F. C. Johnson, Kishwaukee, Ill.
Leroux Cider & Vinegar Co., Lagrange St., Toledo, O.
Moe & Van Valin, Parma, Mich.
Paducah Vinegar Wks., Paducah, Ky.
V. Prinz's Sons, 382 Main St., Cincinnati, O.
Roew & Kamp Bros., Oshkosh, Wis.

1207. CORDIALS.

Bolen & Byrne Mfg. Co., 419 E. 54th St., New York.
G. W. Dunbar's Sons, New Orleans, La.
L. H. Harris Drug Co., Inc., Pittsburg, Pa.
Rheinstrom Bros., Main & Pearl Sts., Cincinnati, O.
Rio Chemical Co., St. Louis, Mo.
I. Calvin Shafer Co., 8 West Broadway, New York.
Sharp & Dohme, Baltimore, Md.

1208. GIN.

Eastern Distilling Co., 701 Washington St., New York.
John L. Hasbrouck & Co., 134 Front St., Brooklyn, N. Y.
Inter-State Distilling Co., Vincennes, Ind.
National Distilling Co., Milwaukee, Wis.
Henry H. Shufeldt & Co., 261 Kinzie St., Chicago, Ill.

1209. HALF & HALF.

Greenway Brewing Co., Syracuse, N. Y.

1210. PORTER.

P. Ballantine & Sons, Newark, N. J.
Beadleston & Woerz, Inc., 291 W. 10th St., New York.
Bergner & Engle Brew. Co., Master & N. 2d St., Phila., Pa.
Burkhardt Brewing Co., Parker c. Station Sts., Boston, Mass.
Elmira Brewing Co., Elmira, N. Y.
Christian Feigenspan, 2-50 Freeman St., Newark, N. J.
Greenway Brewing Co., Syracuse, N. Y.
Hartmann & Fehrenbach Brewing Co., Wilmington, Del.
Howard & Childs, 522 W. 33d St., New York.
Howard & Fuller Brewing Co., Bridge St., Brooklyn, N. Y.
Indianapolis Brewing Co., Indianapolis, Ind.
True W. Jones Brewing Co., Hancock St., Manchester, N. H.
Kennedy & Murphy Malting & Brewing Co., Troy, N. Y.
Koehler & Co., Inc., 501 1st Av., New York.
Russell & Rees, 71 Greenwich Av., New York.
Smith Brewing Co., Inc., Wheeling, W. Va.

1211. RUM.

A. NEW ENGLAND RUM.

A. & G. J. Caldwell, Newburyport, Mass.
Chapin, Trull & Co., 30 Central St., Boston, Mass.
Felton & Son, 17 Broad St., Boston, Mass.
Daniel Lawrence & Sons, Boston, Mass.

B. MEDFORD RUM.

Daniel Lawrence & Sons, 26 Lancaster St., Boston, Mass.

1212. STOUT.

P. Ballantine & Sons, Newark, N. J.
Beadleston & Woerz, 291 W. 10th St., New York.
Bergner & Engle Brew. Co., N. 32d & Master Sts., Phila., Pa.
C. H. Evans & Sons, Hudson, N. Y.
Greenway Brewing Co., Syracuse, N. Y.
N. Y. & Brooklyn Brewing Co., 48 Scholes St., B'klyn, N. Y.

1213. WHISKEY.

R. F. Balke & Co., Louisville, Ky.
E. H. Chase & Co., Louisville, Ky.
Eagle Distillery Co., Inc., Owensboro, Ky.
W. W. Johnson & Co., 14 Yeatman St., Cincinnati, O.
Nelson Distilling Co., 824 N. 3d St., St. Louis, Mo.
J. M. Shufeldt & Co., 261 Kinzie St., Chicago, Ill.
Alex. Young Co., Ltd., 700 Passyunk Av., Philadelphia, Pa.

A. BLENDED WHISKEY.

John Burke & Co., 106 Reade St., New York.
Rheinstrom Bros., Main & Pearl Sts., Cincinnati, O.

B. BOURBON WHISKEY.	American Distilling Co., Pekin, Ill.
	Daviess County Distilling Co., Inc., Owensboro, Ky.
	Glenmore Distilling Co., Inc., Owensboro, Ky.
	Inter-State Distilling Co., Vincennes, Ind.
	Kentucky Dew Distilling Co., Louisville, Ky.
	Marion County Distillery, Louisville, Ky.
	Mueller, Wathen & Kobert, Lebanon, Ky.
	Rugby Distillery Co., Louisville, Ky.
	W. P. Squibb, Lawrenceburg, Ind.
	James Walsh & Co., 3 Pike Building, Cincinnati, O.
	G. G. White Co., Paris, Ky.
C. MALT WHISKEY.	Duffy Malt Whiskey Co., Rochester, N. Y.
	Ph. Hamburger Co., Pittsburg, Pa.
	Moore & Sinnott, 232 S. Front St., Philadelphia, Pa.
	Stitzel Bros. Co., Louisville, Ky.
D. RYE WHISKEY.	Elias Block & Sons, 28 Sycamore St., Cincinnati, O.
	Clarke Bros, Peoria, Ill.
	Jas. Clark Distilling Co., Cumberland, Md.
	Daviess County Distilling Co., Inc., Owensboro, Ky.
	S. Dillinger & Sons, Ruff's Dale, Pa.
	Jas. A. Dougherty's Sons, 1136 N. Front St., Philadelphia, Pa.
	Joseph S. Finch & Co., Pittsburg, Pa.
	Freidberg & Workum, 216 E. Front St., Cincinnati, O.
	J. R. Gray Distilling Co., Gray's Landing, Pa.
	A. Guckenheimer & Bros., 125-127 1st Av., Pittsburg, Pa.
	Ph. Hamburger Co., Pittsburg, Pa.
	Hannis Distilling Co., Baltimore, Md.
	Paul Jones, Louisville, Ky.
	Kentucky Dew Distilling Co., Louisville, Ky.
	Large Distilling Co., West Elizabeth, Pa.
	James Levy & Bro., 33 Sycamore St., Cincinnati, O.
	Marion County Distillery, Louisville, Ky.
	M. P. Mattingly, Owensboro, Ky.
	Melvale Distilling Co., Melvale, Md.
	Moore & Sinnott, 232 S. Front St., Philadelphia, Pa.
	Mueller, Wathen & Robert, Lebanon, Ky.
	Jas. E. Pepper & Co., Inc., Lexington, Ky.
	G. W. Robson, Jr., & Co., 15 Sycamore St., Cincinnati, O.
	Rock Spring Distillery Co., Inc., Owensboro, Ky.
	W. B. Samuels & Co., Samuel's Depot, Ky.
	Stitzel Bros. Co., Louisville, Ky.
	Thompson Distilling Co., West Brownsville, Pa.
	Jas. Walsh & Co., 3 Pike Building, Cincinnati, O.
	G. G. White Co., Paris, Ky.
E. SOUR MASH BOURBON.	American Distilling Co., Pekin, Ill.
	E. J. Curley & Co., Camp Nelson, Ky.
	Freidberg & Workum, 216 E. Front St., Cincinnati, O.
	Labrot & Graham, Frankfort, Ky.
	T. J. Megibben Co., Cynthiana, Ky.
	Mellwood Distillery Co., Louisville, Ky.
F. SOUR MASH RYE.	Anderson & Nelson Distilleries Co., Louisville, Ky.
	J. M. Atherton & Co., Louisville, Ky.
	C. B. Cook Co., Cynthiana, Ky.
	E. J. Curley & Co., Camp Nelson, Ky.
	Labrot & Graham, Frankfort, Ky.
	Mayflower Distillery Co., Louisville, Ky.
	T. J. Megibben Co., Cynthiana, Ky.
	Mellwood Distillery Co., Louisville, Ky.
G. SOUR MASH WHISKEY.	Allen-Bradley Co., Louisville, Ky.
	Applegate & Sons, Louisville, Ky.
	J. M. Atherton & Co., Louisville, Ky.
	Beam & Hart, Bardstown, Ky.
	Belle of Bourbon Co., Louisville, Ky.
	Belmont Distillery Co., Louisville, Ky.
	Boldrick-Callaghan Co., Lebanon, Ky.
	Burnham, Bennett & Co., Silver Creek, Ky.
	E. H. Chase & Co., Inc., Louisville, Ky.
	John Cochran Co., Louisville, Ky.
	Early Times Distillery Co., Louisville, Ky.
	Fible & Crabb Distillery Co., Eminence, Ky.
	J. W. M. Field, Owensboro, Ky.
	W. A. Gaines & Co., Inc., Frankfort, Ky.
	Greenbrier Distillery Co., Louisville, Ky.
	W. S. Hume & Co., Inc., Silver Creek, Ky.
	Mattingly & Moore Distillery Co., Bardstown, Ky.
	Mayflower Distillery Co., Louisville, Ky.

T. J. Megibben Co., Cynthiana, Ky.
R. Monarch, Owensboro, Ky.
Mueller, Wathen & Robert, Lebanon, Ky.
Old Times Distillery Co., Louisville, Ky.
T. B. Ripy, Lawrenceburgh, Ky.
Rock Spring Distillery Co., Inc., Owensboro, Ky.
W. B. Samuels & Co., Samuels Depot, Ky.
Spring Water Distilling Co., Memphis Junction, Ky.
Geo. T. Stagg Co., Frankfort, Ky.
Stitzel Bros. Co., Louisville, Ky.
Taylor & Williams, Louisville, Ky.
Union Distilling Co., 390 Richmond St., Cincinnati, O.
Warwick Co., Silver Creek, Ky.
Winstead Distilling Co., Henderson, Ky.

H. SWEET MASH BOURBON. J. M. Atherton & Co., Louisville, Ky.
E. J. Curley & Co., Camp Nelson, Ky.

I. SWEET MASH RYE. Elias Block & Sons, 28 Sycamore St., Cincinnati, O.
Crystal Springs Distillery Co., Louisville, Ky.
Fleishmann & Co., 169 Plum St., Cincinnati, O.
James Levy & Bro., 33 Sycamore St., Cincinnati, O.
Moore & Sinnott, 232 S. Front St., Philadelphia, Pa.
Nelson County Distillery Co., Louisville, Ky.
G. W. Robson, Jr., & Co., 15 Sycamore St., Cincinnati, O.
W. P. Squibb & Co., Lawrenceburg, Ind.
J. B. Wathen & Bro. Co., Louisville, Ky.

J. WHEAT WHISKEY. Moore & Sinnott, 232 S. Front St., Philadelphia, Pa.
Alex. Young Co., Ltd., 700 Passyunk Av., Philadelphia, Pa.

1214. WINE. American Vintage Co., 24 Dey St., New York.
American Wine Co., St. Louis, Mo.
John Becker, Belen, New Mexico.
Beringer Bros., St. Helena, Cal.
California Wine Association, San Francisco, Cal.
California Wine Makers' Corp., San Francisco, Cal.
J. Chauvet, Glen Ellen, Cal.
H. W. Crabb, Oakville, Cal.
Engels & Krudwig Wine Co., Sandusky, O.
Conrad Ernst, Sandusky, O.
C. W. Garrett & Co., Medoc, N. C.
Gast Wine Co., St. Louis, Mo.
Genesee Valley Wine Co., Rochester, N. Y.
Gundlach & Bundschu Wine Co., San Francisco, Cal.
H. T. & J. D. Henderson, Himrod's, N. Y.
M. Hommel, Sandusky, O.
Italian-Swiss Colony, San Francisco, Cal.
Lachman & Jacobi, San Francisco, Cal.
Lenk Wine Co., Toledo, O.
Pleasant Valley Wine Co., Rheims, N. Y.
Sierra Madre Vintage Co., Lamanda, Cal.
Sonoma Wine & Brandy Co., 18 Hamilton Av., B'klyn, N. Y.
Chas. Stern & Sons, Inc., Los Angeles, Cal.
Stone Hill Wine Co., Hermann, Mo.
Urbana Wine Co., Urbana, N. Y.
Jerome I. Vogeler, Baltimore, Md.
Walden & Co., Geyserville, Cal.
A. Wehrle & Son, Middlebass, O.

A. ANGELICA. California Wine Association, San Francisco, Cal.
California Wine Makers' Corporation, San Francisco, Cal.
Gast Wine Co., St. Louis, Mo.
Lachman & Jacobi, San Francisco, Cal.
Lenk Wine Co., Toledo, O.
Sierra Madre Vintage Co., Lamanda Park, Cal.
Chas. Stern & Sons, Inc., Los Angeles, Cal.

B. BURGUNDY. Beringer Bros., St. Helena, Cal.
California Wine Association, San Francisco, Cal.
California Wine Makers' Corporation, San Francisco, Cal.
J. Chauvet, Glen Ellen, Cal.
Gast Wine Co., St. Louis, Mo.
Lenk Wine Co., Toledo, O.
Chas. Stern & Sons, Inc., Los Angeles, Cal.

C. CATAWBA. California Wine Association, San Francisco, Cal.
California Wine Makers' Corporation, San Francisco, Cal.
J. Chauvet, Glen Ellen, Cal.
Gast Wine Co., St. Louis, Mo.
H. T. & J. D. Henderson, Himrod's, N. Y.
Lenk Wine Co., Toledo, O.
Pleasant Valley Wine Co., Rheims, N. Y.

	Urbana Wine Co., Urbana, N. Y.
D. CHAMPAGNE.	American Wine Co., 3015 Cass Av., St. Louis, Mo.
	Gast Wine Co., 919 N. 6th St., St. Louis, Mo.
	Genesee Valley Wine Co., Rochester, N. Y.
	M. Hommel, Sandusky, O.
	Pleasant Valley Wine Co., Rheims, N. Y.
	Rheinstrom Bros., Martin & Pearl Sts., Cincinnati, O.
	Urbana Wine Co., Urbana, N. Y.
	A. Werner & Co., 52 Warren St., New York.
E. CLARET.	American Vintage Co., 24 Dey St., New York.
	American Wine Co., St. Louis, Mo.
	Beringer Bros., St. Helena, Cal.
	California Wine Association, San Francisco, Cal.
	California Wine Makers' Corporation, San Francisco, Cal.
	Engels & Krudwig Wine Co., Sandusky, O.
	Gast Wine Co., St. Louis, Mo.
	Italian-Swiss Colony, San Francisco, Cal.
	Lenk Wine Co., Toledo, O.
	Sierra Madre Vintage Co., Lamanda, Cal.
	Urbana Wine Co., Urbana, N. Y.
F. DRY WINES.	California Wine Association, San Francisco, Cal.
	California Wine Makers' Corporation, San Francisco, Cal.
	Edge Hill Vineyard Co., St. Helena, Cal.
	C. W. Garrett & Co., Medoc, N. C.
	Gast Wine Co., 919 N. 6th St., St. Louis, Mo.
	Lenk Wine Co., Toledo, O.
	A. Schmidt, Jr., & Bro., Sandusky, O.
	Chas. Stern & Sons, Inc., Los Angeles, Cal.
G. HOCK.	American Vintage Co., 24 Dey St., New York.
	Beringer Bros., St. Helena, Cal.
	California Wine Association, San Francisco, Cal.
	California Wine Makers' Corporation, San Francisco, Cal.
	Lenk Wine Co., Toledo, O.
	Sierra Madre Vintage Co., Lamanda, Cal.
	Chas. Stern & Sons, Inc., Los Angeles, Cal.
H. ORANGE WINE.	Florida Wine Co., Clay Springs, Fla.
I. PORT.	American Vintage Co., 24 Dey St., New York.
	Beringer Bros., St. Helena, Cal.
	California Wine Association, San Francisco, Cal.
	California Wine Makers' Corporation, San Francisco, Cal.
	Gast Wine Co., St. Louis, Mo.
	H. T. & J. D. Henderson, Himrod's, N. Y.
	Lenk Wine Co., Toledo, O.
	Pleasant Valley Wine Co., Rheims, N. Y.
	Sierra Madre Vintage Co., Lamanda, Cal.
	Chas. Stern & Sons, Inc., Los Angeles, Cal.
	Urbana Wine Co., Urbana, N. Y.
	Walden & Co., Duane & Hudson Sts., New York.
J. SAUTERNE.	Beringer Bros., St. Helena, Cal.
K. SHERRY.	American Vintage Co., 24 Dey St., New York.
	Beringer Bros., St. Helena, Cal.
	California Wine Association, San Francisco, Cal.
	Gast Wine Co., St. Louis, Mo.
	H. T. & J. D. Henderson, Himrod's, N. Y.
	Sierra Madre Vintage Co., Lamanda, Cal.
	Chas. Stern & Sons, Inc., Los Angeles, Cal.
	Walden & Co., Duane & Hudson Sts., New York.

XXV. MACHINERY AND TOOLS.

AGRICULTURAL.

1215. BINDERS.	Acme Harvester Co., Pekin, Ill.
	Adriance, Platt & Co., Poughkeepsie, N. Y.
	Aultman, Miller & Co., Akron, O.
	J. C. Hall Co., Providence, R. I.
	Hoover & Gamble Co., Miamisburg, O.

Johnston Harvester Co., Batavia, N. Y.
McCormick Harv. Mach. Co., S. Western Av., Chicago, Ill.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.
Warder, Bushnell & Glessner Co., Springefild, O.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

A. BINDER COVERS.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
McAuley-Sellers Co., Columbus, O.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.

B. BINDER FLAX CARRIERS.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.

C. BINDER FRAMES.
Robt. Poole & Son Co., Baltimore, Md.

D. BINDERS, STEEL FRAME.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

E. BINDER TRUCKS.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
Marseilles Mfg. Co., Marseilles, Ind.
Milwaukee Harvester Co., Milwaukee, Wis.
Ewald Over, Indianapolis, Ind.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

F. BINDER TWINE.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
Galveston Rope Co., Galveston, Tex.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.
Plymouth Cordage Co., N. Plymouth, Mass.
Warder, Bushnell & Glessner Co., Springfield, O.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

1216. BOULDER PULLERS.
Kelly & Taneyhill, Waterloo, Iowa.

1217. CHAFFING MACHINES.
Johnson & Field Co., Racine, Wis.

1218. CHECK ROWERS.
Avery Planter Co., Peoria, Ill.
Geo. W. Brown & Co., Galesburg, Ill.
Challenge Corn Planter Co., Grand Haven, Mich.
Chambers, Bering, Quinlan Co., Decatur, Ill.
G. D. Colton & Co., Inc., Galesburg, Ill.
Deere & Mansur Co., Moline, Ill.
H. P. Deuscher Co., Hamilton, O.
Emerson, Talcott & Co., Inc., Rockford, Ill.
A. C. Evans Mfg. Co., Springfield, O.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
Fuller & Johnson Mfg. Co., Madison, Wis.
Haworth Mfg. Co., Decatur, Ill.
Joliet Mfg. Co., Joliet, Ill.
Keystone Mfg. Co., Sterling, Ill.
Roderick Lean Mfg. Co., Mansfield, O.
Moline Plow Co., Moline, Ill.
Parlin & Orendorff Co., Canton, Ill.
Richmond Plow Co., Richmond, Ind.
Stevens Mfg. Co., Joliet, Ill.
F. B. Tait & Co., Decatur, Ill.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Union Corn Planter Co., Peoria, Ill.

A. FURROWERS & MARKERS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Hiram Deats, Jr., Pittstown, N. J.
W. Eddy Plow Co., Greenwich, N. Y.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.

B. FURROWING SLEDS.
Shangle, Sering & Son, Hightstown, N. J.

1219. CLOD CRUSHERS.
Ewald Over, Indianapolis, Ind.

1220. CLOVER HULLERS.
Aultman Co., Canton, O.
Aultman & Taylor Mach. Co., Mansfield, O.
Birdsall Mfg. Co., South Bend, Ind.
Buffalo-Pitts Co., Buffalo, N. Y.
Hiram Deats, Jr., Pittstown, N. J.
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Groton Bridge & Mfg. Co., Groton, N. Y.
George D. Harder, Cobleskill, N. Y.
Orrville Machine Co., Orrville, O.
Reeves & Co., Columbus, Ind.
Robinson & Co., Richmond, Ind.
Westinghouse Co., Schenectady, N. Y.

1221. COCKLE SEPARATORS.
J. L. Owens Co., Minneapolis, Minn.
E. H. Pease Mfg. Co., Racine, Wis.
Prinz & Rau Mfg. Co., Milwaukee, Wis.

1222. CORN & COB CRUSHERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
C. S. Bell & Co., Hillsboro, O.
Benicia Agricultural Wks., Benicia, Cal.
Leonard D. Harrison, New Haven, Conn.
Jas. L. Haven Co., Cincinnati, O.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Richmond City Mill Works, Richmond, Ind.
Craig Ridgway & Son, Coatesville, Pa.
Sinclair-Scott Co., Baltimore, Md.
A. W. Stevens Co., Auburn, N. Y.
T. B. Wood's Sons, Chambersburg, Pa.

1223. CORN & COB MILLS.
Blymyer Iron Wks. Co., Cincinnati, O.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Great Western Mfg. Co., Leavenworth, Kan.
Keystone Farm Mach. Co., Ltd., York, Pa.
L. J. Miller, Cincinnati, O.
Richmond City Mill Wks., Richmond, Ind.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Stover Mfg. Co., Freeport, Ill.
Wilson Bros., Easton, Pa. *12

A. COB MILLS.
Eureka Bark Mill Co., Lancaster, Pa.
R. R. Howell & Co., Minneapolis, Minn.
L. J. Miller, Cincinnati, O.
Nordyke & Marmon Co., Indianapolis, Ind.
Stover Mfg. Co., Freeport, Ill.

B. CORN MILLS.
A. R. Arnisen, Cyrus, Minn.
Case Mfg. Co., Columbus, O.
H. Dudley Coleman Mach. Co., New Orleans, La.
De Loach Mill Mfg. Co., Atlanta, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Leonard D. Harison, New Haven, Conn.
H. M. Hubbard, 18 Cliff St., New York.
Munson Bros., Utica, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
A. W. Stevens Co., Auburn, N. Y.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
R. W. Whitehurst & Co., Norfolk, Va.

1224. CORN CUTTERS & CRUSHERS.
Ames Plow Co., Boston, Mass.
David H. Bausman, Bausman, Pa.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Jas. L. Haven Co., Cincinnati, O.
I. Z. Merriam, Whitewater, Wis.
Nordyke & Marmon Co., Indianapolis, Ind.
Richmond City Mill Wks., Richmond, Ind.
Sandwich Mfg. Co., Sandwich, Ill.

1225. CORN CUTTERS & SHOCKERS.
Sandwich Mfg. Co., Sandwich, Ill.
Stevens Mfg. Co., Joliet, Ill.

1226. CORN HUSKERS.
Appleton Mfg. Co., Batavia, Ill.
David Bradley Mfg. Co., Bradley, Ill.
Deere, Mansur Co., Moline, Ill.
Jas. G. Johnson, Carthage, Ill.
Keystone Mfg. Co., Sterling, Ill.
New Birdsall Co., Auburn, N. Y.
Sinclair-Scott Co., Baltimore, Md.

A. CORN HUSKERS & FODDER CUTTERS COMBINED.
Keystone Mfg. Co., Sterling, Ill.

1227. CORN HUSKING PINS.
Blair Husking Glove Co., Bucyrus, O.

1228. CORN PLANTERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Aspinwall Mfg. Co., Jackson, Mich.
B. F. Avery & Sons, Louisville, Ky.
Avery Planter Co., Peoria, Ill.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Bluffton Mfg. Co., Bluffton, Ind.
David Bradley Mfg. Co., Bradley, Ill.

Geo. W. Brown & Co., Galesburg, Ill.
Cardwell Mach. Co., Richmond, Va.
Chambers, Bering, Quinlan Co., Decatur, Ill.
G. D. Colton & Co., Galesburg, Ill.
Deere & Mansur Co., Moline, Ill.
H. P. Deuscher Co., Hamilton, O.
Eclipse Corn Planter Co., Enfield, N. H.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Eureka Mower Co., Utica, N. Y.
A. C. Evans Mfg. Co., Springfield, O.
A. B. Farquhar & Co., York, Pa.
Foos Mfg. Co., Springfield, O.
Fuller & Johnson Mfg. Co., Madison, Wis.
Haworth & Sons Mfg. Co., Decatur, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Hoosier Drill Co., Richmond, Ind.
Keystone Farm Mach. Co., Ltd., York, Pa.
Keystone Mfg. Co., Sterling, Ill.
F. E. Kohler & Co., Canton, O.
McSherry Mfg. Co., Middletown, O.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co., Canton, Ill.
Pioneer Corn Drill Works, Harrison, O.
Rock Island Plow Co., Rock Island, Ill.
D. M. Sechler Carriage Co., Moline, Ill.
Southern Agricultural Works, Atlanta, Ga.
Spangler Mfg. Co., York, Pa.
Alex. Speer & Sons, Pittsburg, Pa.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
F. B. Tait Mfg. Co., Decatur, Ill.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Union Corn Planter Co., Peoria, Ill.
Wayne Works, Richmond, Ind.
Weir Plow Co., Monmouth, Ill.

A. HAND CORN PLANTERS.

Eagle Machine Co., Lancaster, O.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Eureka Mower Co., Utica, N. Y.
Horton Mfg. Co., Fort Wayne, Ind.
Hughes & Smythe, Galena, O.
A. C. Kent, Janesville, Wis.
Erving D. King, Orleans, N. Y.
F. E. Kohler & Co., Canton, O.
Vandergrift Mfg. Co., Jamestown, N. Y.
Wiard Plow Co., Batavia, N. Y.
Winship Mfg. Co., Racine, Wis.

1229. CORN SHELLERS.

Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
Barnard & Leas Mfg. Co., Moline, Ill.
Belcher & Taylor Agric'l Tool Co., Chicopee Falls, Mass.
Brennan & Co., Louisville, Ky.
Geo. W. Brown & Co., Galesburg, Ill.
A. Buch's Sons, Elizabethtown, Pa.
Cardwell Mach. Co., Richmond, Va.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Hiram Deats, Jr., Pittstown, N. J.
Deere & Mansur Co., Moline, Ill.
Eagle Machine Co., Lancaster, O.
Elgin Wind Power & Pump Co., Elgin, Ill.
A. B. Farquhar & Co., York, Pa.
Foos Mfg. Co., Springfield, O.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Garry Iron & Steel Roofing Co., Cleveland, O.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Gould Mfg. Co., Seneca Falls, N. Y.
Geo. S. Grier, Milford, Del.
Leonard D. Harrison, New Haven, Conn.
Jas. L. Haven Co., Cincinnati, O.
Henion & Hubbell, 61 N. Jefferson St., Chicago, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
R. R. Howell & Co., Minneapolis, Minn.
H. N. Hubbard, 18 Cliff St., New York.
Keystone Farm Mach. Co., Ltd., York, Pa.

Keystone Mfg. Co., Sterling, Ill.
King & Hamilton Co., Ottawa, Ill.
Kingsland & Douglas Mfg. Co., St. Louis, Mo.
Kratz Bros., Evansville, Ind.
Lehr Agricultural Co., Fremont, O.
Litchfield Mfg. Co., Webster City, Iowa.
Marseilles Mfg. Co., Marseilles, Ill.
S. S. Messinger & Son, Tatamy, Pa.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Ohio Rake Co., Dayton, O.
A. H. Patch, Clarksville, Tenn.
E. H. Pease Mfg. Co., Racine, Wis.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Roberts, Throp & Co., Three Rivers, Mich.
Rogers Iron Co., Springfield, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
L. M. Rumsey Mfg. Co., St. Louis, Mo.
Sandwich Mfg. Co., Sandwich, Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Spangler Mfg. Co., York, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Star Mfg. Co., New Lexington, O.
A. W. Stevens Co., Auburn, N. Y.
Stevens Mfg. Co., Joliet, Ill.
Stover Mfg. Co., Freeport, Ill.
Straub Machinery Co., Cincinnati, O.
F. B. Tait Mfg. Co., Decatur, Ill.
Tiffin Agricultural Wks., Tiffin, O.
Union Iron Work Inc., Decatur, Ill.
United States Wind Engine & Pump Co., Batavia, Ill.
R. W. Whitehurst & Co., Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.
V. Wetherill, Doylestown, Pa.

A. CORN SHELLERS & CLEANERS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Stover Mfg. Co., Freeport, Ill.

B. CORN SHELLERS & SEPARATORS.
Brennan & Co., Louisville, Ky.
Case Mfg. Co., Columbus, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
R. W. Whitehurst & Co., Norfolk, Va.

C. CORN SHELLERS, POWER.
Cardwell Mach. Co., Richmond, Va.
Eagle Machine Co., Lancaster, O.
Great Western Mfg. Co., Leavenworth, Kan.
Joliet Mfg. Co., Joliet, Ill.
Keystone Farm Mach. Co., Ltd., York, Pa.
Keystone Mfg. Co., Sterling Ill.
King & Hamilton Co., Ottawa, Ill.
Marseilles Mfg. Co., Marseilles, Ill.
John T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Sandwich Mfg. Co., Sandwich, Ill.
Sinclair-Scott Co., Baltimore, Md.
A. W. Stevens Co., Auburn, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.

1230. COTTON PLANTERS.
B. F. Avery & Sons, Louisville, Ky.
David Bradley Mfg. Co., Bradley, Ill.
Deere & Mansur Co., Moline, Ill.
Emerson, Talcott & Co., Inc., Rockford, Ill.
A. C. Evans Mfg. Co., Springfield, O.
A. B. Farquhar & Co., York, Pa.
Morrison Mfg. Co., Ft. Madison, Iowa.
Parlin & Orendorff Co., Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
Southern Agricultural Works, Atlanta, Ga.
Alex. Speer & Sons, Pittsburg, Pa.
Towers & Sullivan Mfg. Co., Rome, Ga.
R. W. Whitehurst & Co., Norfolk, Va.

1231. COULTERS, ROLLING.
Collins Plow Co., Quincy, Ill.

1232. CULTIVATOR ATTACHMENTS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
B. F. Avery & Sons, Louisville, Ky.
David Bradley Mfg. Co., Bradley, Ill.

Johnston Harvester Co., Batavia, N. Y.
King & Hamilton Co., Ottawa, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
J. D. Tower & Bro., Mendota, Ill.

1233. CULTIVATOR PARTS.

A. CULTIVATOR BEAMS.
David Bradley Mfg. Co., Bradley, Ill.
Rock Island Plow Co., Rock Island, Ill.

B. CULTIVATOR SHOVELS.
David Bradley Mfg. Co., Bradley, Ill.
Harrow Spring Co., Kalamazoo, Mich.
Southern Agricultural Works, Atlanta, Ga.
Star Mfg. Co., Carpentersville, Ill.
Weyburn & Briggs, Rockford, Ill.

C. CULTIVATOR SPRINGS.
Harrow Spring Co., Kalamazoo, Mich.

D. CULTIVATOR TEETH.
Bateman Mfg. Co., Grenloch, N. J.
E. Bement & Sons, Lansing, Mich.
Harrow Spring Co., Kalamazoo, Mich.
J. S. & M. Peckman Co., Utica, N. Y.
Whitman & Barnes Co., Akron, O.

1234. CULTIVATORS.
S. Adams & Son, Rome, N. Y.
Akron Cultivator Co., Akron, O.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
American Harrow Co., Detroit, Mich.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ann Arbor Mfg. Co., Ann Arbor, Mich.
B. F. Avery & Sons, Louisville, Ky.
Avery Planter Co., Peoria, Ill.
Bateman Mfg. Co., Grenloch, N. J.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Belle City Mfg. Co., Racine, Wis.
E. Bement & Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
Booth & Rockwell, Monroeton, Pa.
David Bradley Mfg. Co., Bradley, Ill.
D. D. Bromley, Waterport, N. Y.
Geo. W. Brown & Co., Galesburg, Ill.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Bucher & Gibbs Plow Co., Canton, O.
Buffalo-Pitts Co., Buffalo, N. Y.
Burton Handle Co., Burton, O.
J. I. Case Plow Works, Racine, Wis.
Chas. H. Childs & Co., Utica, N. Y.
Clipper Chilled Plow Co., Elmira, N. Y.
Clipper Plow Co., Defiance, O.
Collins Plow Co., Quincy, Ill.
Hiram Deats, Jr., Pittstown, N. J.
Deere & Co., Moline, Ill.
Deere & Mansur Co., Moline, Ill.
Dowagiac Mfg. Co., Dowagiac, Mich.
Dubuque Plow Works, Dubuque, Iowa.
Abram Elwood Mfg. Co., De Kalb, Ill.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Eureka Mower Co., Utica, N. Y.
A. B. Farquhar & Co., York, Pa.
William P. Ford & Co., Concord, N. H.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Geneva Tool Co., Geneva, O.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Grand Detour Plow Co., Dixon, Ill.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
Hapgood Plow Co., Alton, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Hench & Dromgold, York, Pa.
Timothy B. Hussey, N. Berwick, Me.
King & Hamilton Co., Ottawa, Ill.
Lebanon Mfg. Co., Lebanon, Pa.
Lehr Agricultural Co., Fremont, O.
Long & Allstatter Co., Hamilton, O.
Marseilles Mfg. Co., Marseilles, Ill.
P. O. Mast & Co., Springfield, O.
Matteson & Williamson Mfg. Co., Stockton, Cal.
Thos. Meikle & Co., Louisville, Ky.
S. S. Messinger & Son, Tatamy, Pa.
Minneapolis Plow Works, Minneapolis, Minn.
Moline Plow Co., Moline, Ill.

Monitor Mfg. Co., Minneapolis, Minn.
Morrison Mfg. Co., Fort Madison, Iowa.
Mountville Mfg. Co., Mountville, Pa.
Ohio Cultivator Co., Bellevere, O.
D. M. Osborne & Co., Auburn, N. Y.
Parlin & Orendorff Co., Canton, Ill.
Pattee Plow Co., Monmouth, Ill.
J. S. & M. Peckham Co., Utica, N. Y.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
D. C. & H. C. Reed & Co., Kalamazoo, Mich.
Reeves & Co., Inc., Columbus, Ind.
Roberts, Throp & Co., Three Rivers, Mich.
Rock Island Plow Co., Rock Island, Ill.
J. S. Rowell Mfg. Co., Beaver Dam, Wis.
Rude Bros. Mfg. Co., Liberty, Ind.
St. Joseph Mfg. Co., Mishawaka, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
Peter Sames, Rockford, Ill.
San José Agricultural Works, San José, Cal.
D. & H. Scoville, Higganum, Conn.
Shunk Plow Co., Bucyrus, O.
Sinclair-Scott Co., Baltimore, Md.
D. B. Smith & Co., Utica, N. Y.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works, Atlanta, Ga.
Alex. Speer & Sons, Pittsburg, Pa.
Spicer Mfg. Co., New Philadelphia, O.
Star Mfg. Co., Carpentersville, Ill.
Stoddard Mfg. Co, Dayton, O.
Superior Drill Co., Springfield, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Toledo Plow Co., Toledo, O.
Towers & Sullivan Mfg. Co., Rome, Ga.
Van Brunt & Wilkins Mfg. Co., Honcon, Wis.
Weir Plow Co., Monmouth, Ill.
Whitman Agricultural Co., St. Louis, Mo.
Whitman & Barnes Mfg. Co., Akron, O.
J. K. Wilder & Sons, Monroe, Ind.

A. CELERY EARTHERS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.

B. CORN CULTIVATORS.
Deere & Co., Moline, Ill.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Fuller & Johnson Mfg. Co., Madison, Wis.
Janesville Machine Co., Janesville, Wis.
Keystone Farm Mach. Co., Ltd., York, Pa.
Long & Allstatter Co., Hamilton, O.
C. A. Miller, Morris, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.
Sandwich Mfg. Co., Sandwich, Ill.
Sioux City Plow Co., Sioux City, Iowa.
Superior Drill Co., Springfield, O.

C. COTTON CULTIVATORS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Deere & Co., Moline, Ill.
Sandwich Mfg. Co., Sandwich, Ill.

D. HAND CULTIVATORS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bateman Mfg. Co., Grenloch, N. J.
Belle City Mfg. Co., Racine, Wis.
Brinly, Miles & Hardy Co., Louisville, Ky.
Deere & Mansur Co., Moline, Ill.
J. A. Everitt, Seedman, Indianapolis, Ind.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
P. P. Mast & Co., Springfield, O.
H. H. Palmer Co., Rockford, Ill.
Parlin & Orendorff Co., Canton, O.

E. HOP CULTIVATORS.
Munnesville Plow Co., Munnesville, N. Y.

F. LISTER CULTIVATORS.
Moline Plow Co., Moline, Ill.

G. ORCHARD CULTIVATORS.
Keystone Mfg. Co., Sterling, Ill.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.

H. RIDING CULTIVATORS.
Akron Cultivator Co., Akron, O.
B. F. Avery & Sons, Louisville, Ky.
David Bradley Mfg. Co., Bradley, Ill.
Deere & Co., Moline, Ill.
H. P. Deuscher Co., Hamilton, O.
A. B. Farquhar Co., Ltd., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.

Grand Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
R. R. Howell & Co., Minneapolis, Minn.
Keystone Farm Mach. Co., Ltd., York, Pa.
Keystone Mfg. Co., Sterling, Ill.
Long & Allstatter Co., Hamilton, O.
Morrison Mfg. Co., Fort Madison, Iowa.
Pattee Plow Co., Monmouth, Ill.
J. L. Rowell Mfg. Co., Beaver Dam, Wis.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Weir Plow Co., Monmouth, Ill.

I. ROTARY DISK CULTIVATORS.
B. F. Avery & Sons, Louisville, Ky.
David Bradley Mfg. Co., Bradley, Ill.
Deere & Co., Moline, Ill.
Deere, Mansur & Co., Moline, Ill.
Janesville Machine Co., Janesville, Wis.
Johnston Harvester Co., Batavia, N. Y.
Long & Allstatter Co., Hamilton, O.
Moline Plow Co., Moline, Ill.
Weir Plow Co., Monmouth, Ill.

J. SHOVEL CULTIVATORS.
Deere & Co., Moline, Ill.
Weir Plow Co., Monmouth, Ill.

K. SPRING TOOTH CULTIVATORS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Deere & Co., Moline, Ill.
Eureka Mower Co., Utica, N. Y.
Keystone Farm Mach. Co., Ltd., York, Pa.
Lawrence & Chapin Co., Kalamazoo, Mich.
Williams Mfg. Co., Kalamazoo, Mich.

L. SUGAR BEET CULTIVATORS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.

M. SUGAR CANE CULTIVATORS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Deere & Mansur Co., Moline, Ill.

N. SURFACE CULTIVATORS.
F. B. Tait & Co., Decatur, Ill.

O. TOBACCO HILLERS.
Southern Agricultural Works, Atlanta, Ga.

1235. CULTIVATORS, COMBINATION.

S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Deere & Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.
Southern Agricultural Works, Atlanta, Ga.

A. CULTIVATORS & HORSE HOES.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Southern Agricultural Works, Atlanta, Ga.

1236. CUTTERS, FEED.

A. CHAFF CUTTERS.
Advance Mfg. Co., Hamilton, O.
Advance Thresher Co., Battle Creek, Mich.
Ames Plow Co., Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Belle City Mfg. Co., Racine, Wis.
Brennan & Co., Louisville, Ky.
A. Buch's Sons, Elizabethtown, Pa.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Geo. S. Comstock, Mechanicsburg, Pa.
Joseph Dick, Canton, O.
Eagle Machine Co., Lancaster, O.
W. Eddy Plough Co., Greenwich, N. Y.
J. B. Ehrsam Machine Co., Enterprise, Kan.
A. B. Farquhar Co., Ltd., York, Pa.
William P. Ford & Co., Concord, N. H.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Goodell Co., Antrim, N. H.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
Jas. L. Haven Co., Cincinnati, O.
Hocking Valley Mfg. Co., Lancaster, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Keystone Mfg. Co., Sterling, Ill.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Lehr Agricultural Co., Fremont, O.
Long & Allstatter Co., Hamilton, O.
Marseilles Mfg. Co., Marseilles, Ill.
McSherry Mfg. Co., Middletown, O.
S. S. Messinger & Son, Tatamy, Pa.
E. W. Ross Co., Springfield, O.
Sandwich Mfg. Co., Sandwich, Ill.
Sergeant Mfg. Co., Greensboro, N. C.

Silver Mfg. Co., Salem, O.
Sinclair-Scott Co., Baltimore, Md.
Smalley Mfg. Co., Manitowoc, Wis.
D. B. Smith & Co., Utica, N. Y.
Spangler Mfg. Co., York, Pa.
Star Mfg. Co., Carpentersville, Ill.
Sterling Mfg. Co., Sterling, Ill.
Stevenson Bros., St. Cloud, Minn.
Stover Mfg. Co., Freeport, Ill.
Tiffin Agricultural Works, Tiffin, O.
Wayne Works, Richmond, Ind.
Whitman Agricultural Co., St. Louis, Mo.
J. K. Wilder & Sons, Monroe, Mich.
Williams Bros., Ithaca, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.

B. ENSILAGE & FODDER CUTTERS.

Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Belle City Mfg. Co., Racine, Wis.
Brennan & Co., Louisburg, Ky.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Geo. S. Comstock, Mechanicsburg, Pa.
Joseph Dick, Canton, O.
Eagle Machine Co., Lancaster, O.
William P. Ford & Co., Concord, N. H.
Foster & Williams Mfg. Co., Racine, Wis.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Heebner & Sons, Lansdale, Pa.
Keystone Farm Mach. Co., Ltd., York, Pa.
Keystone Mfg. Co., Sterling, Ill.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Long & Allstatter, Hamilton, O.
Marseilles Mfg. Co., Marseilles, Ill.
S. S. Messinger & Son, Tatamy, Pa.
C. Pierpont & Co., New Haven, Conn.
E. W. Ross Co., Springfield, O.
St. Albans Foundry Co., St. Albans, Vt.
Sandwich Mfg. Co., Sandwich, Ill.
Silver Mfg. Co., Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Star Mfg. Co., Carpentersville, Ill.
Sterling Mfg. Co., Sterling, Ill.
V. Wetherill, Doylestown, Pa.
Whitman Agricultural Co., St. Louis, Mo.

C. HAY & STRAW CUTTERS.

Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Belle City Mfg. Co., Racine, Wis.
Brennan & Co., Louisville, Ky.
Cardwell Mach. Co., Richmond, Va.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Geo. S. Comstock, Mechanicsburg, Pa.
Joseph Dick, Canton, O.
A. B. Farquhar & Co., York, Pa.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
H. N. Hubbard, 18 Cliff St., New York.
Keystone Farm Mach. Co., Ltd., York, Pa.
Keystone Mfg. Co., Sterling, Ill.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
E. W. Ross Co., Springfield, O.
Silver Mfg. Co., Salem, O.
Sinclair-Scott Co., Baltimore, Md.
Smalley Mfg. Co., Manitowoc, Wis.
Spangler Mfg. Co., York, Pa.
Sterling Mfg. Co., Sterling, Ill.
Stover Mfg. Co., Freeport, Ill.
Tiffin Agricultural Works, Tiffin, O.
United States Wind Engine & Pump Co., Batavia, Ill.
Wayne Works Inc., Richmond, Ind.
V. Wetherill, Doylestown, Pa.
Whitman Agricultural Co., St. Louis, Mo.

D. LEVER FEED CUTTERS.

Belle City Mfg. Co., Racine, Wis.

Brennan & Co., Louisville, Ky.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Keystone Farm Mach. Co., Ltd., York, Pa.
Look & Lincoln, Marion, Va.
Silver Mfg. Co., Salem, O.

1237. CUTTERS, THISTLE. Withington & Cooley Mfg. Co., Jackson, Mich.

1238. CUTTERS, VEGETABLE & ROOT.
Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Belle City Mfg. Co., Racine, Wis.
A. Buch's Sons, Elizabethtown, Pa.
W. Eddy Plow Co., Greenwich, N. Y.
Wyman L. Edson, Union Centre, N. Y.
Enterprise Mfg. Co. of Pa., N. 3d St., Philadelphia, Pa.
Evans Mfg. Co., Ypsilanti, Mich.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
Granite State Evaporator Co., 5 Beekman St., New York.
L. J. Miller, 1233 Harrison Av., Cincinnati, O.
E. W. Ross Co., Springfield, O.
Smalley Mfg. Co., Manitowoc, Wis.
V. Wetherill, Doylestown, Pa.
R. W. Whitehurst & Co., Norfolk, Va.

1239. DRAGS.
B. F. Avery & Sons, Louisville, Ky.
Brennan & Co., Louisville, Ky.
Chattanooga Plow Co., Chattanooga, Tenn.
A. B. Farquhar & Co., York, Pa.
Sinclair-Scott Mfg. Co., Baltimore, Md.
Weir Plow Co., Monmouth, Ill.
White Hickory Wagon Mfg. Co., Atlanta, Ga.

1240. DRY FRUIT CLEANING MACHINES.
J. H. Day & Co., Cincinnati, O.
J. W. Ruger Mfg. Co., Buffalo, N. Y.

1241. ENSILAGE MACHINERY.
Belle City Mfg. Co., Racine, Wis.
Link Belt Machinery Co., 39th St., Chicago, Ill.
Smalley Mfg. Co., Manitowoc, Wis.
U. S. Wind Engine & Pump Co., Batavia, Ill.

A. ENSILAGE CARRIERS.
Belle City Mfg. Co., Racine, Wis.
Smalley Mfg. Co., Manitowoc, Wis.
U. S. Wind Engine & Pump Co., Batavia, Ill.

1242. EVAPORATORS.
American Mfg. Co., Waynesboro, Pa.
C. S. Bell & Co., Hillsboro, O.
Black & Clawson Co., Hamilton, O.
Boomer & Boschert Press Co., Syracuse, N. Y.
Brennan & Co., Louisville, Ky.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
John Turl's Sons, 534 W. 28th St., New York.

A. CIDER EVAPORATORS.
Chas. Bouton & Son, Hudson, O.
Champion Evaporator Co., Hudson, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Vermont Farm Machine Co., Bellows Falls, Vt.

B. FRUIT EVAPORATORS.
American Mfg. Co., Waynesboro, Pa.
Blymyer Iron Works Co., Cincinnati, O.
Chas. Bouton & Son, Hudson, O.
Champion Evaporator Co., Hudson, O.
Granite State Evaporator Co., 5 Beekman St., New York
Geo. S. Grier, Milford, Del.
New Birdsall Co., Auburn, N. Y.
Petaluma Incubator Co., Petaluma, Cal.
Steam Heat Evaporator Co., Charlotte, Mich.
D. Stutzman, Ligonier, Ind.
Vermont Farm Machine Co., Bellows Falls, Vt.

C. JELLY EVAPORATORS.
Chas. Bouton & Son, Hudson, O.
Champion Evaporator Co., Hudson, O.

1243. FANNING MILLS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
B. B. & A. J. Blake, Racine, Wis.
Brennan & Co., Louisville, Ky.
A. Buch's Sons, Elizabethtown, Pa.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
A. P. Dickey Mfg. Co., Racine, Wis.
Grant Ferris Co., Troy, N. Y.
Foster & Williams Mfg. Co., Racine, Wis.
S. Freeman & Sons Mfg. Co., Racine, Wis.
John Hosford, Monroeville, O.

Johnson & Field Co., Racine, Wis.
Keller Mfg. Co., Sauk Center, Minn.
S. S. Messinger & Son, Tatamy, Pa.
Chas. H. Michael, La Porte, Ind.
J. L. Owens Co., Minneapolis, Minn.
E. H. Pease Mfg. Co., Racine, Wis.
J. S. Rowell Mfg. Co., Beaver Dam, Wis.
Stevenson Bros., St. Cloud, Minn.

A. BEAN CLEANERS & GRADERS.
A. P. Dickey Mfg. Co., Racine, Wis.
Farmers' Handy Wagon Co., Saginaw, Mich.
Johnson & Field Co., Racine, Wis.

1244. FEED BOXES, AUTOMATIC.
Automatic Clock Co., Syracuse, N. Y.

1245. FEED MILLS.
Appleton Mfg. Co., Batavia, Ill.
C. O. Bartlett & Co., Cleveland, O.
Bateman Mfg. Co., Centerville, Iowa.
Benicia Agricultural Works, Benicia, Cal.
Blue Valley Mfg. Co., Manhattan, Kan.
Samuel Carey, 17 Broadway, New York.
Case Mfg. Co., Columbus, O.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Enterprise Mfg. Co., Columbiana, O.
Evans Mfg. Co., Ypsilanti, Mich.
Foos Mfg. Co., Springfield, O.
Great Western Mfg. Co., Leavenworth, Kan.
Jas. L. Haven Co., Cincinnati, O.
Heebner & Sons, Lancaster, Pa.
R. R. Howell & Co., Minneapolis, Minn.
O. S. Kelly Co., Springfield, O.
Jas. H. McLain Co., Canton, O.
L. J. Miller, Cincinnati, O.
Munson Bros., Utica, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
L. M. Rumsey Mfg. Co., St. Louis, Mo.
St. Albans Foundry Co., St. Albans, Vt.
Sandwich Mfg. Co., Sandwich, Ill.
Silver Mfg. Co., Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Sprout, Waldron & Co., Manitowoc, Wis.
Sterling Mfg. Co., Sterling, Ill.
A. W. Stevens Co., Auburn, N. Y.
Stevens Mfg. Co., Joliet, Ill.
Stover Mfg. Co., Freeport, Ill.
Straub Machinery Co., Cincinnati, O.
Twin City Iron Works, Minneapolis, Minn.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Whitman Agricultural Co., St. Louis, Mo.

A. FEED CRUSHING MILLS.
L. J. Miller, Cincinnati, O.

B. FEED MILLS & HORSE POWERS COMBINED.
Jas. H. McLain Co., Canton, O.
Stover Mfg. Co., Freeport, Ill.

C. PORTABLE FEED MILLS.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
Stover Mfg. Co., Freeport, Ill.

D. SWEEP FEED MILLS.
Blue Valley Mfg. Co., Manhattan, Kan.
Silver Mfg. Co., Salem, O.

1246. FERTILIZER ATTACHMENTS.
Ames Plow Co., Boston, Mass.
Cardwell Machine Co., Richmond, Va.
Crown Mfg. Co., Phelps, N. Y.
Genesee Valley Mfg. Co., Mount Morris, N. Y.

1247. FERTILIZER DISTRIBUTORS.
B. F. Avery & Sons, Louisville, Ky.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Empire Drill Co., Shortsville, N. Y.
Keystone Farm Mach. Co., Ltd., York, Pa.
Spangler Mfg. Co., York, Pa.
Towers & Sullivan Mfg. Co., Rome, Ga.
William Bros., Ithaca, N. Y.

A. FERTILIZER DRILLS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Bateman Mfg. Co., Grenloch, N. J.
Bickford & Huffman Co., Macedon, N. Y.
Brennan & Co., Louisville, Ky.
Crown Mfg. Co., Phelps, N. Y.
Empire Drill Co.,Shortsville, N. Y.
Genesee Valley Mfg. Co., Mount Morris, N. Y.

Rude Bros. Mfg. Co., Liberty, Ind.
Superior Drill Co., Springfield, O.

B. LIME SPREADERS.
Foster & Williams Mfg. Co., Racine, Wis.
Spangler Mfg. Co., York, Pa.

C. MANURE SPREADERS.
Kemp & Burpee Mfg. Co., Syracuse, N. Y.
Richardson Mfg. Co., Worcester, Mass.
St. Johnsbury Machine Co., St. Johnsbury, Vt.

D. PLASTER SOWERS.
Cardwell Machine Co., Richmond, Va.
Crown Mfg. Co., Phelps, N. Y.
Empire Drill Co., Shortsville, N. Y.
J. B. King & Co., New Brighton, N. Y.
Williams Bros., Ithaca, N. Y.

1248. FODDER TYERS.
W. C. Downey & Co., Springfield, O.

1249. FORKS, FARM.
Geneva Tool Co., Geneva, O.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

A. BARLEY FORKS.
Brown, Hinman & Huntington Co., Columbus, O.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Kerr Bros. & Co., Hicksville, O.
Richard W. Montrose, Galien, Mich.
E. Plimpton & Sons, Litchfield, Me.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

B. BEET ROOT FORKS.
Ashtabula Tool Co., Ashtabula, O.
Withington & Cooley Mfg. Co., Jackson, Mich.

C. GRAIN FORKS.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Richard W. Montrose, Galien, Mich.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

D. HAY FORKS.
Ashtabula Tool Co., Ashtabula, O.
Brown, Hinman & Huntington, Columbus, O.
Derby & Ball, Bellows Falls, Vt.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Byron Jackson Mach. Works, San Francisco, Cal.
Janesville Hay Tool Co., Janesville, Wis.
Nashville Spoke & Handle Co., Nashville, Tenn.
Peck, Clark & Co., Brookfield, Vt.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Superior Drill Co., Springfield, O.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
United States Wind Engine & Pump Co., Batavia, Ill.
Withington & Cooley Mfg. Co., Jackson, Mich.

E. MANURE FORKS.
Ashtabula Tool Co., Ashtabula, O.
Brown, Hinman & Huntington Co., Columbus, O.
Derby & Ball, Bellows Falls, Vt.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
E. Plimpton & Sons, Litchfield, Me.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

F. POTATO FORKS.
Ashtabula Tool Co., Ashtabula, O.
Geneva Tool Co., Geneva, O.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

G. SHAVINGS FORKS.
Kerr Bros. & Co., Hicksville, O.

H. SPADING FORKS.
Ashtabula Tool Co., Ashtabula, O.
Brown, Hinman & Huntington, Columbus, O.
Derby & Ball, Bellows Falls, Vt.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

I. STRAWBERRY FORKS.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

J. STRAW FORKS.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

K. WOODEN FORKS.
Iowa Farming Tool Co., Fort Madison, Iowa.
Richard W. Montross, Galien, Mich.

Withington & Cooley Mfg. Co., Jackson, Mich.

1250. FRUIT PICKERS.
Acme Shear Co., Bridgeport, Co.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
San José Agricultural Works, San José, Cal.

A. GRAPE PICKERS.
Clyde Cutlery Co., Clyde, O.

1251. GRAIN CRADLES.
Brown, Hinman & Huntington Co., Columbus, O.
Carter & Co., Scranton, Pa.
Derby & Ball, Bellows Falls, Vt.
Thos. C. Fisher, Anderson, Ind.
Iowa Farming Tool Co., Fort Madison, Iowa.
Seymour Mfg. Co., Seymour, Ind.
W. D. Spear, Conewango, N. Y.
Withington & Cooley Mfg. Co., Jackson, Mich.

A. CRADLE FINGERS.
Briggs & Walters, Edgerton, O.
Richard W. Montross, Galien, Mich.
W. D. Spear, Conewango, N. Y.

1252. GRAIN GLEANERS & BINDERS.
Nordyke & Marmon Co., 1007 Morris St., Indianapolis, Ind.

1253. GRASS COLLECTORS.
Phila. Lawn Mower Co., 3107 Chestnut St., Phila., Pa.

1254. GRINDERS, FEED.
N. P. Bowsher, South Bend, Ind.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Duplex Mfg. Co., S. Superior, Douglas Co., Wis.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Great Western Mfg. Co., Leavenworth, Kan.
Kelly & Taneyhill, 2 Chestnut St., Waterloo, Iowa.
Litchfield Mfg. Co., Webster City, Iowa.
Marseilles Mfg. Co., Marseilles, Ill.
Monarch Grubber Mfg. Co., Lone Tree, Iowa.
Nordyke & Marmon Co., 1007 Morris St., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
Smith & Pomeroy, Kalamazoo, Mich.
Stevens Mfg. Co., Joliet, Ill.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

A. HUSK GRINDERS.
L. M. Rumsey Mfg. Co., 806 N. 2d St., St. Louis, Mo.

B. POWER FEED GRINDERS.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Enterprise Mfg. Co., Columbiana, O.
Litchfield Mfg. Co., Webster City, Iowa.
Silver Mfg. Co., Salem, O.
Star Mfg. Co., New Lexington, O.

1255. GRINDERS, MOWER KNIFE & SICKLE.
Cleveland Stone Co., Cleveland, O.
Clizbe Bros. Mfg. Co., 493 Carroll Av., Chicago, Ill.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Taughannock Emery Wheel Co., Taughannock Falls, N. Y.
Williams Bros. Mfg. Co., Naubuc, Conn.

1256. GRINDERS PUMPING WINDMILL.
E. B. Winger, 532 Kenwood Terrace, Chicago, Ill.

1257. HARROW PARTS.

A. HARROW DISKS.
La Belle Steel Co., Pittsburg, Pa.
Troy Steel Co., Troy, N. Y.

B. HARROW SPRINGS.
Harrow Spring Co., Kalamazoo, Mich.
Morgan Spring Co., Worcester, Mass.

C. HARROW TEETH.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
Harrow Spring Co., Kalamazoo, Mich.

1258. HARROWS.
Ames Plow Co., Quincy Hall, Boston, Mass.
B. F. Avery & Sons, Louisville, Ky.
Bateman Mfg. Co., Grenloch, N. J.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Belle City Mfg. Co., Racine, Wis.
E. Bement & Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
David Bradley Mfg. Co., Bradley, Ill.
Brennan & Co., Louisville, Ky.
Geo. W. Brown & Co., Galesburg, Ill.
Brown Mfg. Co., Zanesville, O.
Bucher & Gibbs Plow Co., Inc., Canton, O.
J. I. Case Plow Works, Racine, Wis.
Chatham Machinery Co., Bryan, Tex.
Chattanooga Plow Co., Chattanooga, Tenn.
Collins Plow Co., Quincy, Ill.
Deere & Co., Moline, Ill.

Deere & Mansur Co., Moline, Ill.
Dowagiac Mfg. Co., Dowagiac, Mich.
Dowden Mfg. Co., Ltd., Prairie City, Iowa.
Dubuque Plow Works, Dubuque, Iowa.
Abram Ellwood Mfg. Co., De Kalb, Ill.
A. C. Evans Mfg. Co., Springfield, O.
A. B. Farquhar & Co., York, Pa.
William P. Ford & Co., Concord, N. H.
Fuller & Johnson Mfg. Co., Madison, Wis.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
W. C. Heller & Co., Montclair, N. J.
R. R. Howell & Co., Minneapolis, Minn.
H. N. Hubbard, 18 Cliff St., New York.
Byron Jackson Machine Works, San Francisco, Cal.
Janesville Machine Co., Janesville, Wis.
C. O. Jelliff & Co., Southport, Conn.
Keller Mfg. Co., Sauk Center, Minn.
Lang & Bro., Farmington, Mo.
Lawrence & Chapin Co., Kalamazoo, Mich.
Roderick Lean Mfg. Co., Mansfield, O.
Matterson & Williamson Mfg. Co., Stockton, Cal.
Mitts & Merrill, E. Saginaw, Mich.
Moline Plow Co., Moline, Ill.
D. S. Morgan & Co., Inc., Brockport, N. Y.
Morrison Mfg. Co., Fort Madison, Iowa.
G. B. Olin & Co., Canandaigua, N. Y.
Ewald Over, Indianapolis, Ind.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co., Rock Island, Ill.
Rock Island Plow Co., Rock Island, Ill.
Rogers Iron Co., Springfield, O.
St. Joseph Plow Co., St. Joseph, Mo.
San José Agricultural Works, San José, Cal.
Shangle, Sering & Son, Highstown, N. J.
Sioux City Plow Co., Sioux City, Iowa.
Spangler Mfg. Co., York, Pa.
Alex. Speer & Sons, Pittsburg, Pa.
Spicer Mfg. Co., New Philadelphia, O.
Star Mfg. Co., Carpentersville, Ill.
Stoddard Mfg. Co., Dayton, O.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Towers & Sullivan Mfg. Co., Rome, Ga.
O. C. Vaughn Mfg. Co., Jefferson, Wis.
Weir Plow Co., Monmouth, Ill.
R. W. Whitehurst & Co., Norfolk, Va.
Whitman Agricultural Co., 8th St., St. Louis, Mo.
Whitman & Barnes Mfg. Co., Akron, O.
Wiard Plow Co., Batavia, N. Y.

A. DISK HARROWS.

A. C. Adams Mfg. Co., Springfield, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
E. Bement & Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
David Bradley Mfg. Co., Bradley, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Buffalo-Pitts Co., Buffalo, N. Y.
Cambria Iron Co., Johnstown, Pa.
Deere & Mansur Co., Moline, Ill.
H. P. Deuscher Co., Hamilton, O.
A. B. Farquhar Co., Ltd., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Grand Detour Plow Co., Dixon, Ill.
Johnston Harvester Co., Batavia, N. Y.
Keystone Mfg. Co., Sterling, Ill.
Matteson & Williamson Mfg. Co., Stockton, Cal.
McSherry Mfg. Co., Middletown, O.
Moline Plow Co., Moline, Ill.
Ohio Rake Co., Dayton, O.
D. M. Osborne & Co., Auburn, N. Y.
Rock Island Plow Co., Rock Island, Ill.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Superior Drill Co., Springfield, O.
Thomas Mfg. Co., Springfield, O.
J. Thompson & Sons Mfg. Co., Beloit, Wis.

	Weir Plow Co., Monmouth, Ill.
	Wiard Plow Co., Batavia, N. Y.
B. FLEXIBLE HARROWS.	George A. Pounder, Fort Atkinson, Wis.
C. PULVERIZERS.	Bucher & Gibbs Plow Co., Canton, O.
	H. P. Deuscher Co., Hamilton, O.
	Lehr Agricultural Co., Fremont, O.
	D. S. Morgan & Co., Inc., Brockport, N. Y.
	Ewald Over, Indianapolis, Ind.
	J. Thompson & Sons Mfg. Co., Beloit, Wis.
D. PULVERIZERS, ROTARY DISK.	Janesville Machine Co., Janesville, Wis.
E. RIDING HARROWS.	American Harrow Co., Detroit, Mich.
	David Bradley Mfg. Co., Bradley, Ill.
	D. S. Morgan & Co., Inc., Brockport, N. Y.
	Duane H. Nash, Millington, N. J.
	J. Thompson & Sons Mfg. Co., Beloit, Wis.
F. RUDDER HARROWS.	A. W. Stevens Co., Auburn, N. Y.
G. SCOTCH HARROWS.	B. F. Avery & Sons, Louisville, Ky.
	Deere & Co., Moline, Ill.
	R. R. Howell & Co., Minneapolis, Minn.
	Hurlbut Co., Station "A," Racine, Wis.
H. SPIKE TOOTH HARROWS.	Bucher & Gibbs Plow Co., Canton, O.
	Buffalo-Pitts Co., Buffalo, N. Y.
	H. P. Deuscher Co., Hamilton, O.
	Keystone Farm Mach. Co., Ltd., York, Pa.
	Ohio Rake Co., Dayton, O.
	D. M. Osborne & Co., Auburn, N. Y.
	Sterling Mfg. Co., Sterling, Ill.
	J. Thompson & Sons Mfg. Co., Beloit, Wis.
	Weir Plow Co., Monmouth, Ill.
I. SPRINGTOOTH HARROWS.	A. C. Adams Mfg. Co., Springfield, O.
	Adriance, Platt & Co., Poughkeepsie, N. Y.
	B. F. Avery & Sons, Louisville, Ky.
	E. Bement & Sons, Lansing, Mich.
	Bucher & Gibbs Plow Co., Canton, O.
	Buffalo-Pitts Co., Buffalo, N. Y.
	Eureka Mower Co., Utica, N. Y.
	A. B. Farquhar Co., Ltd., York, Pa.
	Keystone Farm Mach. Co., Ltd., York, Pa.
	D. M. Osborne & Co., Auburn, N. Y.
	A. W. Stevens Co., Auburn, N. Y.
	Syracuse Chilled Plow Co., Syracuse, N. Y.
	Williams Mfg. Co., Kalamazoo, Mich.
J. STEEL COLTER HARROWS.	Timothy B. Hussey, N. Berwick, Me.
K. STEEL HARROWS.	E. Bement & Sons, Lansing, Mich.
	Benicia Agricultural Works, Benicia, Cal.
	David Bradley Mfg. Co., Bradley, Ill.
	Deere & Co., Moline, Ill.
	Hapgood Plow Co., Alton, Ill.
	Roderick Lean Mfg. Co., Mansfield, O.
	D. S. Morgan & Co., Inc., Brockport, N. Y.
L. STEEL LEVER HARROWS.	A. C. Adams Mfg. Co., Springfield, O.
	David Bradley Mfg. Co., Bradley, Ill.
	Bucher & Gibbs Plow Co., Canton, O.
	Collins Plow Co., Quincy, Ill.
	Deere & Co., Moline, Ill.
	Dubuque Plow Works, Dubuque, Iowa.
	A. B. Farquhar Co., Ltd., York, Pa.
	Grand Detour Plow Co., Dixon, Ill.
	R. R. Howell & Co., Minneapolis, Minn.
	Hunt, Helm & Ferris, Harward, Ill.
	Janesville Machine Co., Janesville, Wis.
	Keystone Mfg. Co., Sterling, Ill.
	Roderick Lean Mfg. Co., Mansfield, O.
	Morrison Mfg. Co., Fort Madison, Iowa.
	Selby, Starr & Co., Peoria, Ill.
	F. B. Tait & Co., Decatur, Ill.
	J. Thompson & Sons Mfg. Co., Beloit, Wis.
M. STEEL PIPE HARROWS.	A. C. Adams Mfg. Co., Springfield, O.
N. STEEL ZIG-ZAG HARROWS.	Roderick Lean Mfg. Co., Mansfield, O.
O. VIBRATING HARROWS.	Deere & Co., Moline, Ill.
	D. S. Morgan & Co., Inc., Brockport, N. Y.
	Sioux City Plow Co., Sioux City, Iowa.
P. WOOD HARROWS.	A. C. Adams Mfg. Co., Springfield, O.
	Belle City Mfg. Co., Racine, Wis.
	Benecia Agricultural Works, Benicia, Cal.

Bucher & Gibbs Plow Co., Canton, O.
Deere & Co., Moline, Ill.

1259. HARVESTING MACHINERY.

Milwaukee Harvester Co., Milwaukee, Wis.
Monarch Grubber Mfg. Co., Lone Tree, Iowa.
Warder, Bushnell & Glessner Co., Springfield, O.

A. BEAN HARVESTERS.

Farmers' Handy Wagon Co., Saginaw, Mich.
J. S. Rowell Mfg. Co., Beaver Dam, Wis.

B. COMBINED HARVESTERS.

Benicia Agricultural Works, Benicia, Cal.
Best Mfg. Co., San Leandro, Cal.
Holt Mfg. Co., Stockton, Cal.
Milwaukee Harvester Co., Milwaukee, Wis.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

C. CORN HARVESTERS.

H. L. Bennett & Co., Westerville, O.
Blue Valley Mfg. Co., Manhattan, Kan.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
Foos Mfg. Co., Springfield, O.
Johnston Harvester Co., Batavia, N. Y.
Kansas City Hay Press Co., Kansas City, Mo.
Keystone Mfg. Co., Sterling, Ill.
Milwaukee Harvester Co., Milwaukee, Wis.
D. M. Osborne & Co., Auburn, N. Y.
Stevens Mfg. Co., Joliet, Ill.

D. GRAIN HARVESTERS.

Acme Harvester Co., Pekin, Ill.
Adriance, Platt & Co., Poughkeepsie, N. Y.
Aultman & Taylor Machinery Co., Mansfield, O.
Aultman, Miller & Co., Akron, O.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
H. H. Harvey, Boston, Mass.
Hoover & Gamble Co., Miamisburg, O.
Johnston Harvester Co., Batavia, N. Y.
Matteson-Williamson Mfg. Co., Stockton, Cal.
McCormick Harv. Mach. Co., S. Western Av., Chicago, Ill.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.
D. M. Osborne & Co., Auburn, N. Y.
Parlin & Orendorff Co., Canton, Ill.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

E. PEA HARVESTING, HULLING & CLEANING APPARATUS.

Chisholm-Scott Co., Suspension Bridge, N. Y.

F. TWINE BINDING HARVESTERS.

Acme Harvester Co., Pekin, Ill.
Adriance, Platt & Co., Poughkeepsie, N. Y.
Aultman, Miller & Co., Akron, O.
Benicia Agricultural Works, Benicia, Cal.
Best Mfg. Co., San Leandro, Cal.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Harvester King Co., Harvey, Ill.
Holt Mfg. Co., Stockton, Cal.
Hoover & Gamble Co., Miamisburg, O.
Johnston Harvester Co., Batavia, N. Y.
McCormick Harv. Mach. Co., S. Western Av., Chicago, Ill.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.
D. M. Osborne & Co., Inc., Auburn, N. Y.
Plano Mfg. Co., Chicago, Ill.
Seiberling & Miller, Doylestown, O.
Warder, Bushnell & Glessner Co., Springfield, O.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

1260. HARVESTING MACHINERY ATTACHMENTS.

A. DRAPERS.

Holt Mfg. Co., Stockton, Cal.

1261. HAY CARRIERS.

Chambers-Bering-Quinlan Co., Decatur, Ill.
Eureka Mower Co., Utica, N. Y.
Hunt, Helm & Ferris, Harvard, Ill.
Janesville Hay Tool Co., Janesville, Wis.
Keystone Mfg. Co., Sterling, Ill.
Louden Machinery Co., Fairfield, Iowa.
F. E. Myers & Bro., Ashland, O.
Ney Mfg. Co., Canton, O.
J. E. Porter Co., Ottawa, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
Superior Drill Co., Springfield, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Whitman & Barnes Mfg. Co., Akron, O.

REGISTRAR UNIVERSITY OF CALIFORNIA

A. HORSE HAY FORKS.

Belle City Mfg. Co., Racine, Wis.
Brown Mfg. Co., Zanesville, O.
Chambers-Bering-Quinlan Co., Decatur, Ill.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
Fuller & Johnson Mfg. Co., Madison, Wis.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Janesville Hay Tool Co., Janesville, Wis.
Ney Mfg. Co., Canton, O.
D. M. Osborne & Co., Auburn, N. Y.
J. E. Porter Co., Ottawa, Ill.
Superior Drill Co., Springfield, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.

1262. HAY RAKES.

A. Buch's Sons, Elizabethtown, Pa.
Buffalo-Pitts Co., Buffalo, N. Y.
Deere & Mansur Co., Moline, Ill.
Foster & Williams Mfg. Co., Racine, Wis.
Fuller & Johnson Mfg. Co., Madison, Wis.
Hoosier Drill Co., Richmond, Ind.
D. C. & H. C. Reed & Co., Kalamazoo, Mich.
Stoddard Mfg. Co., Dayton, O.
Thomas Mfg. Co., Springfield, O.
J. Thompson & Sons Mfg. Co., Beloit, Wis.

A. HAND HAY RAKES.

Benton Mfg. Co., Charlotte, Mich.
Burton Handle Co., Burton, O.
Deere & Mansur Co., Moline, Ill.
Fuller & Johnson Mfg. Co., Madison, Wis.
J. C. Garfield & Son, Tyringham, Mass.
Geneva Tool Co., Geneva, O.
Rogers Rake Co., New Hartford, Conn.
Rugg Mfg. Co., Greenfield, Mass.

B. HORSE HAY RAKES.

Acme Harvester Co., Pekin, Ill.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
David Bradley Mfg. Co., Bradley, Ill.
Geo. S. Comstock, Mechanicsburg, Pa.
Deere & Mansur Co., Moline, Ill.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
H. P. Deuscher Co., Hamilton, O.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Empire Drill Co., Shortsville, N. Y.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
A. B. Farquhar & Co., Ltd., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Geneva Tool Co., Geneva, O.
Hoosier Drill Co., Richmond, Ill.
Byron Jackson Machne. Wks., San Francisco, Cal.
Keystone Mfg. Co., Sterling, Ill.
Long & Allstatter Co., Hamilton, O.
P. P. Mast & Co., Springfield, O.
S. S. Messinger & Son, Tatamy, Pa.
Ohio Rake Co., Dayton, O.
D. M. Osborne & Co., Auburn, N. Y.
Richardson Mfg. Co., Worcester, Mass.
Sandwich Mfg. Co., Sandwich, Ill.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co., Springfield, O.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Tiffin Agricultural Works, Tiffin, O.
Williams Bros., 104 W. State St., Ithaca, N. Y.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

C. REVOLVING HAY RAKES.

Burton Handle Co., Burton, O.
Hughes & Smythe, Galena, O.
Sterling Mfg. Co., Sterling, Ill.
Tiffin Agricultural Works, Tiffin, O.

D. SIDE HAY RAKES.

Keystone Mfg. Co., Sterling, Ill.

E. SULKY HAY RAKES.

Acme Harvester Co., Pekin, Ill.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
David Bradley Mfg. Co., Bradley, Ill.
Geo. W. Brown & Co., Galesburg, Ill.
Geo. S. Comstock, Mechanicsburg, Pa.
Deere & Mansur Co., Moline, Ill.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
H. P. Deuscher Co., Hamilton, O.
Abram Ellwood Mfg. Co., De Kalb, Ill.
Emerson, Talcott & Co., Rockford, Ill.
Empire Drill Co., Shortsville, N. Y.

Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
A. B. Farquhar & Co., York, Pa.
Fuller & Johnston Mfg. Co., Madison, Wis.
Grand Detour Plow Co., Dixon, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
R. R. Howell & Co., Minneapolis, Minn.
Long & Allstatter Co., Hamilton, O.
Moline Plow Co., Moline, Ill.
Patten & Stafford, Canastota, N. Y.
Richardson Mfg. Co., Worcester, Mass.
J. S. Rowell Mfg. Co., Beaver Dam, Wis.
Rude Bros. Mfg. Co., Liberty, Ind.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Sucker State Drill Co., Belleville, Ill.
Thomas Mfg. Co., Springfield, O.
Tiffin Agricultural Works, Tiffin, O.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.
Williams Bros., 104 W. State St., Ithaca, N. Y.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

F. WOOD HAY RAKES. — Wayne Works, Richmond, Ind.

1263. HAY RAKE TEETH. — Harrow Spring Co., Kalamazoo, Mich.

1264. HAY TEDDERS. — Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
Hocking Valley Mfg. Co., Lancaster, O.
Keystone Mfg. Co., Sterling, Ill.
S. S. Messinger & Son, Tatamy, Pa.
Ohio Rake Co., Dayton, O.
D. M. Osborne & Co., Auburn, N. Y.
J. E. Porter Co., Ottawa, Ill.
Richardson Mfg. Co., Worcester, Mass.
Sandwich Mfg. Co., Sandwich, Ill.
Spicer Mfg. Co., New Philadelphia, O.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Thomas Mfg. Co., Springfield, O.
Tiffin Agricultural Works, Tiffin, O.

A. HAY TEDDER TEETH. — Harrow Spring Co., Kalamazoo, Mich.

1265. HAY TOOLS. — Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
Janesville Hay Tool Co., Janesville, Wis.
Keystone Mfg. Co., Sterling, Ill.
F. E. Myers & Bro., Ashland, O.
J. E. Porter Co., Ottawa, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

A. HAY DERRICKS. — Eugene L. Church, Harvard, Ill.
Matteson & Williamson Mfg. Co., Stockton, Cal.
J. E. Porter Co., Ottawa, Ill.
H. C. Shaw Plow Works, Stockton, Cal.
U. S. Wind Engine & Pump Co., Batavia, Ill.

B. HAY FORK PULLEYS. — Hurlburt Co., Station "A," Racine, Wis.
Janesville Hay Tool Co., Janesville, Wis.
Peck, Stow & Wilcox Co., Southington, Conn.
E. C. Sterns & Co., Syracuse, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

C. HAY HOISTING SINGLE-TREES. — Louden Machinery Co., Fairfield, Iowa.

D. HAY HOOKS. — Humason & Beckley Mfg. Co., New Britain, Conn.
Janesville Hay Tool Co., Janesville, Wis.
H. H. Harvey, 116 High St., Boston, Mass.
E. C. Sterns & Co., Syracuse, N. Y.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

E. HAY LOADERS. — Chambers-Bering-Quinlan Co., Decatur, Ill.
Deere & Mansur Co., Moline, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
Keystone Mfg. Co., Sterling, Ill.
Marseilles Mfg. Co., Marseilles, Ill.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co., Canton, Ill.
J. E. Porter Co., Ottawa, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co., Springfield, O.

F. HAY NETS. — Brockner-Evans Bale Tie Co., 819 N. 2d St., St. Louis, Mo.

H. C. Shaw Plow Works, Stockton, Cal.

G. HAY SLINGS.
Hunt, Helm & Ferris, Harvard, Ill.
F. E. Myers & Bro., Ashland, O.
J. E. Porter Co., Ottawa, Ill.

H. HAY TOOL SUPPLIES.
Chambers-Bering-Quinlan Co., Decatur, Ill.
Eugene L. Church, Harvard, Ill.
Fowler & Farrington, Taughannock Falls, N. Y.
Janesville Hay Tool Co., Janesville, Wis.
F. E. Myers & Bro., Ashland, O.
Ney Mfg. Co., Canton, O.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.

1266. HEDGE TRIMMING MACHINES.
Iwan Bros., Streator, Ill.
William L. Oakes, Decatur, Ill.

1267. HOES, HAND.
American Axe & Tool Co., New York.
Ashtabula Tool Co., Ashtabula, O.
Bateman Mfg. Co., Grenloch, N. J.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
L. Bolles Hoe & Tool Co., Binghamton, N. Y.
Brown, Hinman & Huntington Co., Columbus, O.
Collins & Co., Collinsville, Conn.
Derby & Ball, Bellows Falls, Vt.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Harriman Hoe & Tool Co., Harriman, Tenn.
Iowa Farming Tool Co., Madison, Iowa.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Planter's Hoe Co., Troy, N. Y.
E. Plimpton & Sons, Litchfield, Me.
Sandusky Tool Co., Sandusky, O.
D. & H. Scoville, Higganum, Conn.
Winsted Edge Tool Works, Kalamazoo, Mich.
Withington & Cooley Mfg. Co., Jackson, Mich.

A. CORN HOES.
Ashtabula Tool Co., Ashtabula, O.
Collins & Co., Collinsville, Conn.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

B. COTTON HOES.
Brown, Hinman & Huntington Co., Columbus, O.
Chattanooga Tool Co., Chattanooga, Tenn.
Geneva Tool Co., Geneva, O.
Smith Harper, 611 Bourse, Philadelphia, Pa.
D. & H. Scoville, Higganum, Conn.
Withington & Cooley Mfg. Co., Jackson, Mich.

C. DOUBLE EDGE HOES.
Collins & Co., Collinsville, Conn.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

D. EYE HOES.
Ashtabula Tool Co., Ashtabula, O.
Chattanooga Tool Co., Chattanooga, Tenn.
Collins & Co., Collinsville, Conn.
Lane & Gale, Troy, N. Y.
Planter Hoe Co., Troy, N. Y.
D. & H. Scoville, Higganum, Conn.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

E. FIELD & GARDEN HOES.
Brown, Hinman & Huntington Co., Columbus, O.
Chattanooga Tool Co., Chattanooga, Tenn.
Derby & Ball, Bellows Falls, Vt.
Geneva Tool Co., Geneva, O.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Iowa Farming Tool Co., Fort Madison, Iowa.
D. & H. Scoville, Higganum, Conn.
Withington & Cooley Mfg. Co., Jackson, Mich.

F. GRUB HOES.
American Axe & Tool Co., Pittsburg, Pa.
Brown, Hinman & Huntington Co., Columbus, O.
Findlay Axe & Tool Co., Findlay, O.
C. Hammond & Son, Ogontz, Pa.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Milne Mfg. Co., Monmouth, Ill.
Monarch Grubber Mfg. Co., Lone Tree, Iowa.
Fayette R. Plumb, Inc., Tucker, c. James, Philadelphia, Pa.
Sandusky Tool Co., Sandusky, O.
Withington & Cooley Mfg. Co., Jackson, Mich.

G. MATTOCK HOES.
Collins & Co., Collinsville, Conn.

	Iowa Farming Tool Co., Fort Madison, Iowa.
H. MEADOW HOES.	Brown, Hinman & Huntington Co., Columbus, O.
	Withington & Cooley Mfg. Co., Jackson, Mich.
I. NURSERYMANS' HOES.	Collins & Co., Collinsville, Conn.
	Smith Harper, 611 Bourse, Philadelphia, Pa.
	E. Plimpton & Sons, Litchfield, Me.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
J. PLANTERS' HOES.	American Axe & Tool Co., Pittsburg, Pa.
	Brown, Hinman & Huntington Co., Columbus, O.
	Chattanooga Tool Co., Chattanooga, Tenn.
	Collins Co., Collinsville, Conn.
	Derby & Ball, Bellows Falls, Vt.
	Geneva Tool Co., Geneva, O.
	Smith Harper, 611 Bourse, Philadelphia, Pa.
	Iowa Farming Tool Co., Fort Madison, Iowa.
	Sandusky Tool Co., Sandusky, O.
	D. & H. Scoville, Higganum, Conn.
	Withington & Cooley Mfg. Co., Jackson, Mich.
K. RIVETED HOES.	Chattanooga Tool Co., Chattanooga, Tenn.
	Smith Harper, 611 Bourse, Philadelphia, Pa.
	Withington & Cooley Mfg. Co., Jackson, Mich.
L. SCUFFLE HOES.	Smith Harper, 611 Bourse, Philadelphia, Pa.
	Iowa Farming Tool Co., Fort Madison, Iowa.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	Withington & Cooley Mfg. Co., Jackson, Mich.
M. SOCKET & SHANK HOES.	Brown, Hinman & Huntington Co., Columbus, O.
	Ely Hoe & Fork Co., St. Johnsbury, Vt.
	Withington & Cooley Mfg. Co., Jackson, Mich.
N. TOBACCO HOES.	Brown, Hinman & Huntington Co., Columbus, O.
	Sandusky Tool Co., Sandusky, O.
	D. & H. Scoville, Higganum, Conn.
	Withington & Cooley Mfg. Co., Jackson, Mich.
O. WEEDING HOES.	Brown, Hinman & Huntington Co., Columbus, O.
	Geneva Tool Co., Geneva, O.
	F. E. Kohler & Co., Canton, O.
	Lawrence & Chapin Co., Kalamazoo, Mich.
	Withington & Cooley Mfg. Co., Jackson, Mich.
P. WHEEL HOE ATTACHMENTS.	S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Q. WHEEL HOES.	S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
	Ames Plow Co., Quincy Hall, Boston, Mass.
	Bateman Mfg. Co., Grenloch, N. J.
	C. O. Jelliff & Co., Southport, Conn.
R. WHEEL HOES, COMBINATION.	S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
1268. HOES, HORSE.	S. Adams & Son, Rome, N. Y.
	S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
	Ames Plow Co., Quincy Hall, Boston, Mass.
	Bateman Mfg. Co., Grenloch, N. J.
	Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
	E. Bement & Sons, Lansing, Mich.
	Benicia Agricultural Works, Benicia, Cal.
	David Bradley Mfg. Co., Bradley, Ill.
	A. B. Farquhar & Co., York, Pa.
	William P. Ford & Co., Concord, N. H.
	J. S. & M. Peckham Co., Utica, N. Y.
A. HORSE HOES & CULTIVATORS.	S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
	Timothy B. Hussey, N. Berwick, Me.
	Lawrence & Chapin Co., Kalamazoo, Mich.
B. HORSE HOES & POTATO COVERERS.	Timothy B. Hussey, N. Berwick, Me.
	W. Eddy Plow Co., Greenwich, N. Y.
C. POTATO COVERERS.	Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
	Herendeen Mfg. Co., Geneva, N. Y.
D. RIDGERS.	Bateman Mfg. Co., Grenloch, N. J.
	Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
E. TOBACCO HOEING MACHINES.	Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
1269. HOG CATCHERS & HOLDERS.	Chambers-Bering-Quinlan Co., Decatur, Ill.
1270. HOG RINGERS.	Chambers-Bering-Quinlan Co., Decatur, Ill.
	F. E. Kohler & Co., Canton, O.
1271. HOOKS, AGRICULTURAL.	
A. BUSH HOOKS.	American Axe & Tool Co., 253 Broadway, New York.
	Collins Co., Collinsville, Conn.

Iwan Bros., Streator, Ill.
Henry Knickerbacker, Ballston Spa, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
David Wadsworth & Son, Auburn, N. Y.

B. CORN HOOKS.
Clark & Parsons Co., E. Wilton, Me.
North Wayne Tool Co., Hallowell, Me.
Withington & Cooley Mfg. Co., Jackson, Mich.

C. HOP HOOKS.
Munnesville Plow Co., Munnesville, N. Y.
Withington & Cooley Mfg. Co., Jackson, Mich.

D. MANURE HOOKS.
Brown, Hinman & Huntington Co., Columbus, O.
Derby & Ball, Bellows Falls, Vt.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Withington & Cooley Mfg. Co., Jackson, Mich.

E. POTATO HOOKS.
Bateman Mfg. Co., Grenloch, N. J.
Brown, Hinman & Huntington Co., Columbus, O.
Carter & Co., Scranton, Pa.
Derby & Ball, Bellows Falls, Vt.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Geneva Tool Co., Geneva, O.
Gibbs Mfg. Co., Canton, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Withington & Cooley Mfg. Co., Jackson, Mich.

F. STONE HOOKS.
Withington & Cooley Mfg. Co., Jackson, Mich.

1272. HOP BARS.
Munnesville Plow Co., Munnesville, N. Y.

1273. HORSE HOE ATTACHMENTS.

A. CELERY EARTHER ATTACHMENTS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Timothy B. Hussey, N. Berwick, Me.

B. FURROWING ATTACHMENTS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Thos. Peppler, Highstown, N. J.

C. MARKING ATTACHMENTS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
A. Buch's Sons, Elizabethtown, Pa.

1274. INCUBATORS.
Allerton Caponizer Mfg. Co., Allerton, Iowa.
J. L. Campbell, West Elizabeth, Pa.
Des Moines Incubator Co., Des Moines, Iowa.
Geo. Ertel Co., Quincy, Ill.
Excelsior Wire & Poultry Sup. Co., 28 Vesey St., New York.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
Monitor Co., Moodus, Conn.
Petaluma Incubator Co., Petaluma, Cal.
George H. Stahl, 122 S. 6th Av., Quincy, Ill.
Star Incubator & Brooder Co., Bound Brook, N. J.

A. BROODERS.
J. L. Campbell, West Elizabeth, Pa.
Des Moines Incubator Co., Des Moines, Iowa.
George Ertel Co., Quincy, Ill.
Excelsior Wire & Poultry Sup. Co., 28 Vesey St., New York.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
Monitor Co., Moodus, Conn.
Petaluma Incubator Co., Petaluma, Cal.
George H. Stahl, Quincy, Ill.
Star Incubator & Brooder Co., Bound Brook, N. J.

1275. KNIVES, FARM.

A. CANE KNIVES.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Geo. H. Bishof & Co., Lawrenceburg, Ind.
Clark & Parsons Co., E. Wilton, Me.
Collins Co., Collinsville, Conn.
Krajewski, Pesant & Co., 52 Beard St., Brooklyn, N. Y. *18
National Saw Co., Newark, N. J.
E. W. Ross Co., Springfield, O.

B. CORN KNIVES.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
A. F. Bannister & Co., Newark, N. J.
Bateman Mfg. Co., Grenloch, N. J.
M. S. Benedict Mfg. Co., E. Syracuse, N. Y.
G. H. Bishof & Co., Lawrenceburg, Ind.
Clark & Parsons Co., E. Wilton, Me.
Clyde Cutlery Co., Clyde, O.
Derby & Ball, Bellows Falls, Vt.
Henry Disston & Sons, Inc., Tacony & N. Front, Phila., Pa.
Henry Knickerbacker, Ballston Spa, N. Y.
David Wadsworth & Son, Auburn, N. Y.
Winsted Mfg. Co., Winsted, Conn.

C. ENSILAGE KNIVES.
Loring Coes & Co., Box 12, Station "B," Worcester, Mass.

D. HAY KNIVES.
American Axe & Tool Co., Pittsburg, Pa.

Clark & Parsons Co., E. Wilton, Me.
Ney Mfg. Co., Canton, O.
Nolin Mfg. Co., Skowhegan, Me.
North Wayne Tool Co., Hallowell, Me.
David Wadsworth & Son, Auburn, N. Y.
Winsted Mfg. Co., Winsted, Conn.

E. HEDGE KNIVES. E. C. Atkins & Co., Indianapolis, Ind. *19 & 20

F. MACHETES. Collins Co., Collinsville, Conn.
Henry Disston & Sons, Inc., Tacony & N. Front, Phila., Pa.

1276. KNIVES, FARM IMPLEMENT.

Milwaukee Harvester Co., Milwaukee, Wis.
Whitman & Barnes Mfg. Co., Akron, O.

A. BAND CUTTER & SELF FEEDER KNIVES. Loring Coes & Co., Box 12, Station "B," Worcester, Mass.

B. CORN HARVESTER KNIVES. Loring Coes & Co., Box 12, Station "B," Worcester, Mass.

C. LAWN MOWER KNIVES. Harrow Spring Co., Kalamazoo, Mich.

D. STRAW & HAY CUTTER KNIVES. Loring Coes & Co., Box 12, Station "B," Worcester, Mass.

1277. LAWN SWEEPERS.

F. N. Lawn Mower Co., Richmond, Ind.
Phila. Lawn Mower Co., 3107 Chestnut St., Philadelphia, Pa.

1278. MATTOCKS.

American Axe & Tool Co., Pittsburg, Pa.
Collins Co., Collinsville, Conn.
Cronk Hanger Co., Elmira, N. Y.
Findlay Axe & Tool Co., Findlay, O.
Frankfort Handle Mfg. Co., Frankfort, Ind.
Geo. Griffiths Co., 511 Locust St., Philadelphia, Pa.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Fred. W. Peck, Agent, Cohoes, N. Y.
Fayette R. Plumb, Inc., Tucker, n. James, Philadelphia, Pa.

1279. MOWER PARTS.

Phila. Lawn Mower Co., 3107 Chestnut St., Philadelphia, Pa.

A. MOWER CHAIN DRIVES. Adriance, Platt & Co., Poughkeepsie, N. Y.

1280. MOWERS.

Acme Harvester Co., Pekin, Ill.
Adriance, Platt & Co., Poughkeepsie, N. Y.
Ames Plow Co., Quincy Hall, Boston, Mass.
Aultman & Taylor Machinery Co., Mansfield, O.
Aultman, Miller & Co., Akron, O.
Benicia Agricultural Works, Benicia, Cal.
Best Mfg. Co., San Leandro, Cal.
David Bradley Mfg. Co., Bradley, Ill.
Dain Mfg. Co., Carrollton, Mo.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
Abram Ellwood Mfg. Co., De Kalb, Ill.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Eureka Mower Co., Utica, N. Y.
A. B. Farquhar & Co., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Harvester King Co., Harvey, Ill.
H. H. Harvey, Boston, Mass.
Holt Mfg. Co., Stockton, Cal.
Hoover & Gamble Co., Miamisburg, O.
Janesville Machine Co., Janesville, Wis.
Johnston Harvester Co., Batavia, N. Y.
Judson Mfg. Co., San Francisco, Cal.
Matteson-Williamson Co., Stockton, Cal.
McCormick Harvesting Mach. Co., Chicago, Ill.
S. S. Messinger & Son, Tatamy, Pa.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.
D. M. Osborne & Co., Auburn, N. Y.
Phila. Lawn Mower Co., 3109 Chestnut St., Philadelphia, Pa.
Plano Mfg. Co., Chamber of Commerce Bldg., Chicago, Ill.
Richardson Mfg. Co., Worcester, Mass.
Rockford Mfg. Co., Rockford, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
San José Agricultural Works, San José, Cal.
Seiberling & Miller, Doylestown, O.
Stoddard Mfg. Co., Dayton, O.
Warder, Bushnell & Glessner Co., Springfield, O.
Wayne Works, Richmond, Ind.
Whitely Mfg. Co., Springfield, O.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

A. LAWN MOWERS. Advance Mfg. Co., Hamilton, O.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Blair Mfg. Co., Springfield, Mass.
John Braun & Sons, 161 N. 23d St., Philadelphia, Pa.
Chadborn & Harris Co., Newburg, N. Y.

	Clipper Lawn Mower Co., Morristown, Pa.
	A. P. Dickey Mfg. Co., Racine, Wis.
	Enterprise Mfg. Co. of Pa., N. 3d St., Philadelphia, Pa.
	Fairbanks Co., 311 Broadway, New York.
	Henly Bicycle Works, Richmond, Ind.
	Mast, Foos & Co., Springfield, O.
	Ohio Wringer & Lawn Mower Co., Springfield, O.
	Phila. Lawn Mower Co., 3107 Chestnut St., Philadelphia, Pa.
	Rogers Iron Co., Springfield, O.
	E. C. Stearns & Co., Syracuse, N. Y.
	Supple Hardware Co., 503 Market St., Philadelphia, Pa.
	Thomas Mfg. Co., Springfield, O.
	Warder, Bushnell & Glessner Co., Springfield, O.
	Whitman & Barnes Mfg. Co., Akron, O.
B. LAWN MOWERS, HORSE.	Chadborn & Harris Co., Newburg, N. Y.
	Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
1281. ONION PULLERS.	C. O. Jelliff & Co., Southport, Conn.
1282. PARIS GREEN GUNS.	Wm. Brummeler & Sons, Grand Rapids, Mich.
	Eureka Mower Co., Utica, N. Y.
	Foster, Stevens & Co., Grand Rapids, Mich.
	R. S. Olcott & Son, Perry, Mich.
1283. PEANUT MACHINERY.	Cardwell Machine Co., Richmond, Va.
1284. PEANUT PICKERS.	Hungerford Bros. & Co., 39 Cortlandt St., New York.
1285. PLOW PARTS.	
A. PLOW BEAMS.	E. B. Shields, Hudson, O.
	Shunk Plow Co., Bucyrus, O.
B. PLOW CLEVISES.	B. F. Avery & Sons, Louisville, Ky.
	Eberhard Mfg. Co., Cleveland, O.
	Hapgood Plow Co., Alton, Ill.
	Pratt & Letchworth, Buffalo, N. Y.
	Racine Malleable & Wrought Iron Co., Racine, Wis.
	South Bend Chilled Plow Co., South Bend, Ind.
	Weyburn & Briggs Co., Rockford, Ill.
C. PLOW COLTER CLAMPS.	B. F. Avery & Sons, Louisville, Ky.
	Hartman Mfg. Co., Inc., Vincennes, Ind.
D. PLOW COLTER HUBS.	Cyclone Mfg. Co., De Witt, Iowa.
	Hartman Mfg. Co., Inc., Vincennes, Ind.
E. PLOW COLTERS.	B. F. Avery & Sons, Louisville, Ky.
	Beaver Falls Steel Works, Beaver Falls, Pa.
	Benicia Agricultural Works, Benicia, Cal.
	Henry F. Blount, Evansville, Ind.
	Canton Saw Co., Canton, O.
	Collins & Co., Collinsville, Conn.
	Cyclone Works, De Witt, Iowa.
	Abram Ellwood, Sycamore, Ill.
	D. M. Osborne & Co., Auburn, N. Y.
	Princess Plow Co., Canton, O.
	Southern Agricultural Works, Atlanta, Ga.
	Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
F. PLOW EQUALIZERS.	H. F. Herrick, Racine, Wis.
	Specialty Mfg. Co., Des Moines, Iowa.
	Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
	Towers & Sullivan Mfg. Co., Rome, Ga.
G. PLOW HANDLES.	G. V. Griffith & Son, Huntington, Ind.
	J. S. Harrison, Addison, N. Y.
	A. N. Holloway, Lebanon, Ind.
	Look & Lincoln, Marion, Va.
	Southern Agricultural Works, Atlanta, Ga.
	Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
	W. C. Stiles, Warren, O.
	Towers & Sullivan Mfg. Co., Rome, Ga.
H. PLOW LINKS.	Pratt & Letchworth, Buffalo, N. Y.
I. PLOW POINTS.	Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
J. PLOW SHARES.	Cambria Iron Co., Johnstown, Pa.
	Pittsburg Steel Casting Co., Pittsburg, Pa.
	Star Mfg. Co., Carpentersville, Ill.
	Weyburn & Briggs Co., Rockford, Ill.
K. PLOW SHOES.	Hench & Dromgold, York, Pa. *15
	Pingree & Smith, Detroit, Mich.
	Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
	J. Thompson & Sons Mfg. Co., Beloit, Wis.
L. PLOW STOCKS.	Look & Lincoln, Marion, Va.
	Shunk Plow Co., Bucyrus, O.
	Towers & Sullivan Mfg. Co., Rome, Ga.
M. PLOW STOPS & HOOKS.	Pratt & Letchworth, Buffalo, N. Y.
N. PLOW SULKIES.	David Bradley Mfg. Co., Bradley, Ill.

O. SULKY PLOW ATTACHMENTS.

E. B. Daniels & Co., Odessa, N. Y.
B. F. Avery & Sons, Louisville, Ky.

1286. PLOWS.

Barnes Mfg. Co., Lanesboro, Pa.
Bucher & Gibbs Plow Co., Canton, O.
Burton Handle Co., Burton, O.
Collins Plow Co., Quincy, Ill.
Deere & Co., Moline, Ill.
W. Eddy Plow Co., Greenwich, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Grand Detour Plow Co., Dixon, Ill.
Timothy B. Hussey, N. Berwick, Me.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Longview Kelly Plow Mfg. Co., Longview, Tex.
Look & Lincoln, Marion, Va.
Thomas Meikle & Co., Louisville, Ky.
Morrison Mfg. Co., Fort Madison, Iowa.
Munnesville Plow Co., Munnesville, N. Y.
S. D. Nevin, Lowville, N. Y.
Shunk Plow Co., Bucyrus, O.
Smalley Mfg. Co., Manitowoc, Wis.
Star Mfg. Co., Carpentersville, Ill.
Swinton & Co., Port Jervis, N. Y.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Towers & Sullivan Mfg. Co., Rome, Ga.
Western Wheeled Scraper Co., Aurora, Ill.
R. W. Whitehurst & Co., Norfolk, Va.
J. K. Wilder & Sons, Monroe, Mich.

A. ASPARAGUS PLOWS.

Shangle, Sering & Son, Hightstown, N. J.

B. BREAKING PLOWS.

American Axe & Tool Co., Pittsburg, Pa.
American Road Machine Co., Kennett Square, Pa.
David Bradley Mfg. Co., Bradley, Ill.
Brinly, Miles & Hardy Co., Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Bucher & Gibbs Plow Co., Inc., Canton, O.
J. J. Case Plow Works, Racine, Wis.
Collins Co., Collinsville, Conn.
Deere & Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
A. B. Farquhar & Co., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Hapgood Plow Co., Alton, Ill.
Lehr Agricultural Co., Fremont, O.
S. S. Messinger & Son, Tatamy, Pa.
Moline Plow Co., Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Parrott Mfg. Co., Dayton, O.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Mfg. Co., Mishawaka, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works, Atlanta, Ga.
Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
Star Mfg. Co., Carpentersville, Ill.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Weir Plow Co., Monmouth, Ill.

C. CHILLED PLOWS.

B. F. Avery & Sons, Louisville, Ky.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
E. Bement & Sons, Lansing, Mich.
David Bradley Mfg. Co., Bradley, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Deere & Co., Moline, Ill.
A. B. Farquhar & Co., York, Pa.
Gale Mfg. Co., Albion, Mich.
Thos. Meikle & Co., Louisville, Ky.
S. S. Messinger & Son, Tatamy, Pa.
Oliver Chilled Plow Works, South Bend, Ind.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works, Atlanta, Ga.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Watkins Chilled Plow Co., Watkins, N. Y.
Wiard Plow Co., Batavia, N. Y.

D. CONTRACTORS' PLOWS.

Contractors' Plant Mfg. Co., Buffalo, N. Y.

	Deere & Co., Moline, Ill.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Shunk Plow Co., Bucyrus, O.
E. COTTON SWEEPS.	B. F. Avery & Sons, Louisville, Ky.
	David Bradley Mfg. Co., Bradley, Ill.
	Southern Agricultural Works, Atlanta, Ga.
	Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
	R. W. Whitehurst & Co., Norfolk, Va.
F. DISK PLOWS.	B. F. Avery & Sons, Louisville, Ky.
	Deere & Co., Moline, Ill.
	Disc Plow Co., Ltd., 914 Gravier St., New Orleans, La.
	Stoddard Mfg. Co., Dayton, O.
G. DITCHING PLOWS.	American Road Machine Co., Kennett Square, Pa.
	Ames Plow Co., Quincy Hall, Boston, Mass.
	Deere & Co., Moline, Ill.
	Grand Rapids Mfg. Co., Grand Rapids, Mich.
	Munnesville Plow Co., Munnesville, N. Y.
	Princess Plow Co., Canton, O.
	St. Joseph Plow Co., St. Joseph, Mo.
H. GANG PLOWS.	Benicia Agricultural Works, Benicia, Cal.
	David Bradley Mfg. Co., Bradley, Ill.
	Bucher & Gibbs Plow Co., Inc., Canton, O.
	J. I. Case Plow Works, Racine, Wis.
	Collins Plow Co., Quincy, Ill.
	Deere & Co., Moline, Ill.
	Dubuque Plow Works, Dubuque, Iowa.
	A. B. Farquhar & Co., York, Pa.
	Fuller & Johnson Mfg. Co., Madison, Wis.
	Geiser Mfg. Co., Waynesboro, Pa.
	Hapgood Plow Co., Alton, Ill.
	Matteson & Williamson Mfg. Co., Stockton, Cal.
	Thomas Meikle & Co., Louisville, Ky.
	Moline Plow Co., Moline, Ill.
	Morrison Mfg. Co., Fort Madison, Iowa.
	Oliver Chilled Plow Works, South Bend, Ind.
	Parlin & Orendorff Co., Canton, Ill.
	Pekin Plow Co., Pekin, Ill.
	Rock Island Plow Co., Rock Island, Ill.
	Shangle, Sering & Son, Hightstown, N. J.
	H. C. Shaw Plow Works, Stockton, Cal.
	St. Joseph Mfg. Co., Mishawaka, Ind.
	J. Thompson & Sons Mfg. Co., Beloit, Wis.
	J. K. Wilder & Sons, Monroe, Mich.
I. GANG PLOWS, RIDING.	Bean-Chamberlin Mfg. Co., Hudson, Mich.
	David Bradley Mfg. Co., Bradley, Ill.
	Bucher & Gibbs Plow Co., Canton, O.
	Collins Co., Collinsville, Conn.
	Deere & Co., Moline, Ill.
	Grand Detour Plow Co., Dixon, Ill.
	Hapgood Plow Co., Alton, Ill.
	Morrison Mfg. Co., Fort Madison, Iowa.
	Weir Plow Co., Monmouth, Ill.
J. GANG PLOWS, STEAM.	Benicia Agricultural Works, Benicia, Cal.
	Deere & Co., Moline, Ill.
	Geiser Mfg. Co., Waynesboro, Pa.
K. GANG PLOWS, WHEEL.	B. F. Avery & Sons, Louisville, Ky.
	Dubuque Plow Works, Dubuque, Iowa.
	Hapgood Plow Co., Alton, Ill.
	Rock Island Plow Co., Rock Island, Ill.
	Southern Agricultural Works, Atlanta, Ga.
L. GARDEN PLOWS, HAND.	S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
	Ames Plow Co., Quincy Hall, Boston, Mass.
	B. F. Avery & Sons, Louisville, Ky.
	Brinly, Miles & Hardy Co., Louisville, Ky.
	Bucher & Gibbs Plow Co., Canton, O.
	Deere & Co., Moline, Ill.
	Deere & Mansur Co., Moline, Ill.
	Grand Rapids Mfg. Co., Grand Rapids, Mich.
	H. H. Palmer Co., Rockford, Ill.
	Parlin & Orendorff Co., Canton, Ill.
	Wiard Plow Co., Batavia, N. Y.
M. GRADING PLOWS.	S. Adams & Son, Rome, N. Y.
	American Road Machine Co., Kennett Square, Pa.
	American Steel Scraper Co., Sidney, O.
	Ames Plow Co., Quincy Hall, Boston, Mass.
	F. C. Austin Mfg. Co., Carpenter St., Chicago, Ill.

David Bradley Mfg. Co., Bradley, Ill.
Brinly, Miles & Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Collins Plow Co., Quincy, Ill.
Deere & Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Princess Plow Co., Canton, O.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Plow Co., St. Joseph, Mo.
Shunk Plow Co., Bucyrus, O.
Sidney Steel Scraper Co., Sidney, O.
Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
Syracuse Chilled Plow Works, Syracuse, N. Y.
Western Wheeled Scraper Co., Aurora, Ill.

N. HOP PLOWS.
S. Adams & Son, Rome, N. Y.
Deere & Co., Moline, Ill.
J. S. & M. Peckham Co., Utica, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.

O. LISTER PLOWS.
David Bradley Mfg. Co., Bradley, Ill.
Geo. W. Brown & Co., Galesburg, Ill.
J. I. Case Plow Works, Racine, Wis.
Deere & Co., Moline, Ill.
Deere & Mansur Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Hapgood Plow Co., Alton, Ill.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Plow Co., St. Joseph, Mo.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Weir Plow Co., Monmouth, Ill.

P. SHOVEL PLOWS.
B. F. Avery & Sons, Louisville, Ky.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
E. Bement & Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
David Bradley Mfg. Co., Bradley, Ill.
George W. Brown & Co., Galesburg, Ill.
Brown-Manley Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Deere & Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
W. Eddy Plow Co., Greenwich, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Geneva Tool Co., Geneva, O.
Johnson & Smith, Austin, Minn.
Keystone Farm Machine Co., Ltd., York, Pa.
Munnesville Plow Co., Munnesville, N. Y.
J. S. & M. Peckham Co., Utica, N. Y.
Reeves & Co., Inc., Columbus, Ind.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Mfg. Co., Mishawaka, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works, Atlanta, Ga.
Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
Syracuse Chilled Plow Co., Syracuse, N. Y.
J. Thompson & Sons Mfg. Co., Beloit, Wis.

Q. SHOVEL PLOWS, DOUBLE.
Deere & Co., Moline, Ill.
Southern Agricultural Works, Atlanta, Ga.

R. SHOVEL PLOWS, WING.
Keystone Farm Machine Co., Ltd., York, Pa.

S. SIDE HILL PLOWS.
S. Adams & Son, Rome, N. Y.
Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Benicia Agricultural Works, Benicia, Cal.
Bucher & Gibbs Plow Co., Canton, O.
Clipper Chilled Plow Co., Canton, O.
Collins Co., Collinsville, Conn.
Deere & Co., Moline, Ill.

W. Eddy Plow Co., Greenwich, N. Y.
Timothy B. Hussey, N. Berwick, Me.
Matteson & Williamson Mfg. Co., Stockton, Cal.
St. Albans Foundry Co., St. Albans, Vt.
South Bend Chilled Plow Co., South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

T. SOD & STUBBLE PLOWS.
Benicia Agricultural Works, Benicia, Cal.
David Bradley Mfg. Co., Bradley, Ill.
Deere & Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
J. Thompson & Sons Mfg. Co., Beloit, Wis.

U. STEEL PLOWS.
B. F. Avery & Sons, Louisville, Ky.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
E. Bement & Sons, Lansing, Mich.
David Bradley Mfg. Co., Bradley, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Castree & Shaw Co., Owosso, Mich.
Collins Co., Collinsville, Conn.
Gates Curtis, Ogdensburg, N. Y.
Deere & Co., Moline, Ill.
A. B. Farquhar & Co., York, Pa.
Timothy B. Hussey, N. Berwick, Me.
Longview-Kelly Plow Mfg. Co., Longview, Tex.
S. S. Messinger & Son, Tatamy, Pa.
Moline Plow Co., Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parrott Mfg. Co., Dayton, O.
Southern Agricultural Works, Atlanta, Ga.
Alex. Speer & Sons, Pittsburg, Pa.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Towers & Sullivan Mfg. Co., Rome, Ga.
Weir Plow Co., Monmouth, Ill.

V. SUBSOIL PLOWS.
Ames Plow Co., Quincy Hall, Boston, Mass.
B. F. Avery & Sons, Louisville, Ky.
David Bradley Mfg. Co., Bradley, Ill.
J. I. Case Plow Works, Racine, Wis.
Deere & Co., Moline, Ill.
Fuller & Johnson Mfg. Co., Madison, Wis.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.
Munnesville Plow Co., Munnesville, N. Y.
Rock Island Plow Co., Rock Island, Ill.
Alex. Speer & Sons, Pittsburg, Pa.

W. SULKY PLOWS.
B. F. Avery & Sons, Louisville, Ky.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass
Benicia Agricultural Works, Benicia, Cal.
Henry F. Blount, Evansville, Ind.
David Bradley Mfg. Co., Bradley, Ill.
Bucher & Gibbs Plow Co., Inc., Canton, O.
J. I. Case Plow Works, Racine, Wis.
Collins Plow Co., Quincy, Ill.
Deere & Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
A. B. Farquhar & Co., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Gesley Mfg. Co., Beloit, Wis.
Hapgood Plow Co., Alton, Ill.
Thos. Meikle & Co., Louisville, Ky.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Iowa.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Mfg. Co., Mishawaka, Ind.
South Bend Chilled Plow Co., South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Weir Plow Co., Monmouth, Ill.
Wiard Plow Co., Batavia, N. Y.

X. SULKY PLOWS, REVERSIBLE.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Clipper Chilled Plow Co., Elmira, N. Y.
Deere & Co., Moline, Ill.
Munnesville Plow Co., Munnesville, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.

Y. VINEYARD PLOWS.
Bucher & Gibbs Plow Co., Canton, O.

Z. WALKING & RIDING PLOWS.
Collins Plow Co., Quincy, Ill.
Deere & Co., Moline, Ill.
A. B. Farquhar Co., Ltd., York, Pa.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.

AA. WHEEL PLOWS.
David Bradley Mfg. Co., Bradley, Ill.
J. I. Case Plow Works, Racine, Wis.
Deere & Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
Grand Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
Moline Plow Co., Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Rock Island Plow Co., Rock Island, Ill.
Weir Plow Co., Monmouth, Ill.

1287. POST HOLE DIGGERS.
Abner Doble Co., San Francisco, Cal.
Avery Stamping Co., Cleveland, O.
Cinn. Barbed Wire Fence Co., Cincinnati, O.
Eureka Digger Co., 142 E. Huron St., Chicago, Ill.
Gibbs Mfg. Co., Canton, O.
Iwan Bros., Streator, Ill.
F. E. Kohler & Co., Canton, O.
Vaughan & Bushnell Mfg. Co., Carroll Av., Chicago, Ill.

A. POST HOLE AUGERS.
Buckeye Mfg. Co., Anderson, Ind.
W. A. Howe, Lakeside, Ill.
Hurlburt Co., Station "A," Racine, Wis.
Iwan Bros., Streator, Ill.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

B. POST HOLE SPOONS.
Abner Doble Co., San Francisco, Cal.
St. Louis Shovel Co., Duncan Av., St. Louis, Mo.

1288. POTATO BUG DESTROYERS.
Adler Color & Chemical Works, 96 Maiden Lane, New York.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.

1289. POTATO DIGGERS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Aspinwall Mfg. Co., Jackson, Mich.
B. F. Avery, Louisville, Ky.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
David Bradley Mfg. Co., Bradley, Ill.
Deere & Co., Moline, Ill.
Dowden Mfg. Co., Ltd., Prairie City, Iowa.
Eureka Digger Co., 142 E. Huron St., Chicago, Ill.
Hoover, Prout & Co., Avery, O.
McSerry Mfg. Co., Middletown, O.
Moline Plow Co., Moline, Ill.
Parlin & Orendorff Co., Canton, Ill.
Roberts, Throp & Co., Three Rivers, Mich.
Rock Island Plow Co., Rock Island, Ill.
Shangle, Sering & Son, Hightstown, N. J.
Alex. Speer & Sons, Duquesne Way, Pittsburg, Pa.
Star Mfg. Co., Carpentersville, Ill.
Sterling Mfg. Co., Sterling, Ill.

A. POTATO DIGGERS & PICKERS.
Parlin & Orendorff Co., Canton, Ill.

1290. POTATO PLANTERS.
A. C. Adams Mfg. Co., Springfield, O.
Aspinwall Mfg. Co., Jackson, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Chambers-Bering-Quinlan Co., Decatur, Ill.
Deere & Mansur Co., Moline, Ill.
A. C. Evans Mfg. Co., Springfield, O.
Roberts, Throp & Co., Three Rivers, Mich.

1291. POTATO SORTERS.
Dowden Mfg. Co., Ltd., Prairie City, Iowa.

1292. POTATO SPRAYERS.
Shangle, Sering & Son, Hightstown, N. J.

1293. PRUNING TOOLS.

A. HEDGE KNIVES.
Clyde Cutlery Co., Clyde, O.
Iwan Bros., Streator, Ill.

B. HEDGE SHEARS.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.

S. Smith & Son, Oakville, Conn.
J. Barton Smith Co., N. 4th & Somerset Sts., Phila., Pa.

C. POLE PRUNERS.
Elyria Variety Works, Jackson, Mich.

D. PRUNING HOOKS.
Henry Disston & Sons, Tacony & N. Front, Philadelphia, Pa.
Elyria Variety Works, Jackson, Mich.
S. Smith & Son, Oakville, Conn.

E. PRUNING KNIVES.
John T. Henry Mfg. Co., Hamden, Conn.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
C. S. Osborne & Co., Newark, N. J.
Tuck Mfg. Co., Brockton, Mass.

F. PRUNING SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Henry Disston & Sons, Tacony & N. Front, Philadelphia, Pa.
National Saw Co., Newark, N. J.
Pacific Saw Mfg. Co., San Francisco, Cal.

G. PRUNING SHEARS.
Acme Shear Co., Bridgeport, Conn.
Bateman Mfg. Co., Grenloch, N. J.
Clyde Cutlery Co., Clyde, O.
Cronk Hanger Co., Elmira, N. Y.
Elyria Variety Works, Jackson, Mich.
J. T. Henry Mfg. Co., Hamden, Conn.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Seymour Cutlery Co., Holyoke, Mass.
J. Wiss & Sons, 15 Littleton Av., Newark, N. J.

1294. RAKES.

Chattanooga Tool Co., Chattanooga, Tenn.
Cronk Hanger Co., Elmira, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Iowa Farming Tool Co., Fort Madison, Iowa.
P. P. Mast & Co., Springfield, O.
D. M. Osborne & Co., Auburn, N. Y.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Wheeling Hinge Co., Wheeling, W. Va.
Withington & Cooley Mfg. Co., Jackson, Mich.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

A. DRAG RAKES.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
Keystone Mfg. Co., Sterling, Ill.
Rugg Mfg. Co., Greenfield, Mass.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.

B. GARDEN RAKES
Ashtabula Tool Co., Ashtabula, O.
Brown, Hinman & Huntington Co., Columbus, O.
Cronk Hanger Co., Elmira, N. Y.
Derby & Ball, Bellows Falls, Vt.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Geneva Tool Co., Geneva, O.
Gibbs Mfg. Co., Canton, O.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Iowa Farming Tool Co., Fort Madison, Iowa.
Jenkins Iron & Tool Co., Bellefonte, Pa.
F. E. Kohler & Co., Canton, O.
Piqua Handle & Mfg. Co., Piqua, O.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Wheeling Hinge Co., Wheeling, W. Va.
Withington & Cooley Mfg. Co., Jackson, Mich.

C. HORSE RAKES.
Benton Mfg. Co., Charlotte, Mich.
S. S. Messinger & Son, Tatamy, Pa.

D. LAWN RAKES.
Gibbs Mfg. Co., Canton, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
F. E. Kohler & Co., Canton, O.
Withington & Cooley Mfg. Co., Jackson, Mich.

E. SIDE DELIVERY RAKES.
Chambers-Bering-Quinlan Co., Decatur, Ill.
Keystone Mfg. Co., Sterling, Ill.

F. SPRING TOOTH RAKES.
Acme Harvester Co., Pekin, Ill.
D. M. Osborne & Co., Auburn, N. Y.

G. STALK RAKES.
J. Thompson & Sons Mfg. Co., Beloit, Wis.

H. STEEL RAKES.
Avery Stamping Co., Coe & Lake Sts., Cleveland, O.
Geneva Tool Co., Geneva, O.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Rock Island Plow Co., Rock Island, Ill.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Withington & Cooley Mfg. Co., Jackson, Mich.

I. SWEEP RAKES.
Acme Harvester Co., Pekin, Ill.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.

J. THREE WHEEL RAKES.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.

K. WEEDER RAKES.
Chattanooga Tool Co., Chattanooga, Tenn.
Keystone Farm Machine Co., York, Pa.

1295. REAPERS.

Acme Harvester Co., Pekin, Ill.
Adriance, Platt & Co., Poughkeepsie, N. Y.
Ames Plow Co., Boston, Mass.
Aultman & Taylor Machinery Co., Mansfield, O.
Aultman, Miller & Co., Akron, O.
Benicia Agricultural Works, Benicia, Cal.
Best Mfg. Co., San Leandro, Cal.
Dain Mfg. Co., Carrollton, Mo.
Deering Harvester Co., 16 Fullerton Av., Chicago, Ill.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Janesville Machine Co., Janesville, Wis.
Johnston Harvester Co., Batavia, N. Y.
McCormick Harvesting Mach. Co., 329 Wabash Av., Chic., Ill.
S. S. Messinger & Son, Tatamy, Pa.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Brockport, N. Y.
D. M. Osborne & Co., Auburn, N. Y.
Seiberling & Miller, Doylestown, O.
Warder, Bushnell & Glessner Co., Springfield, O.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

A. HEADER FORKS.
Brown, Hinman & Huntington Co., Columbus, O.

B. HEADERS.
Acme Harvester Co., Pekin, Ill.
Benicia Agricultural Works, Benicia, Cal.
Johnston Harvester Co., Batavia, N. Y.
Matteson & Williamson Mfg. Co., Stockton, Cal.
Sandusky Machine & Agricultural Works, Sandusky, O.
H. C. Shaw Plow Works, Stockton, Cal.
Warder, Bushnell & Glessner Co., Springfield, O.

C. REAPER & MOWER ATTACHMENTS.
Whitman & Barnes Mfg. Co., Akron, O.

D. REAPER ARBORS.
Cushman Chuck Co., Hartford, Conn.
Pratt & Whitney Co., Hartford, Conn.

E. REAPERS & BINDERS COMBINED.
Benicia Agricultural Works, Benicia, Cal.
Johnston Harvester Co., Batavia, N. Y.
Milwaukee Harvester Co., Milwaukee, Wis.
D. S. Morgan & Co., Inc., Brockport, N. Y.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

F. REAPERS & MOWERS COMBINED.
Acme Harvester Co., Pekin, Ill.
Aultman & Taylor Machinery Co., Mansfield, O.
Johnston Harvester Co., Batavia, N. Y.
D. M. Osborne & Co., Inc., Auburn, N. Y.
W. A. Wood Mow'g & Reap'g Mach. Co., Hoosick Falls, N. Y.

1296. ROLLERS, AGRICULTURAL.

A. CLOD ROLLERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
H. P. Deuscher Co., Hamilton, O.
A. B. Farquhar & Co., York, Pa.
H. N. Hubbard, 18 Cliff St., New York.
D. M. Osborne & Co., Auburn, N. Y.
Ewald Over, Indianapolis, Ind.
Sinclair-Scott Mfg. Co., Baltimore, Md.
R. W. Whitehurst & Co., Norfolk, Va.
J. K. Wilder & Sons, Monroe, Mich.

B. FIELD ROLLERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
David Bradley Mfg. Co., Bradley, Ill.
Brennan & Co., Louisville, Ky.
A. Buch's Sons, Elizabethtown, Pa.
Hiram Deats, Jr., Pittstown, N. J.
A. P. Dickey Mfg. Co., Racine, Wis.
Jas. L. Haven Co., Cincinnati, O.
H. N. Hubbard, 18 Cliff St., New York.
Johnson & Field Co., Racine, Wis.
Keystone Farm Mach. Co., Ltd., York, Pa.
Lansing Wheelbarrow Co., Lansing, Mich.
Munnesville Plow Co., Munnesville, N. Y.
Ewald Over, Indianapolis, Ind.
Robinson & Burr, Champaign, Ill.
Watkins Chilled Plow Co., Watkins, N. Y.
R. W. Whitehurst & Co., Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.
Williams Bros., Ithaca, N. Y.

C. GARDEN ROLLERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Brennan & Co., Louisville, Ky.
Jas. L. Haven Co., Cincinnati, O.
Johnson & Field Co., Racine, Wis.
Van Dorn Iron Works Co., Cleveland, O.
R. W. Whitehurst & Co., Norfolk, Va.

Whitman Agricultural Co., St. Louis, Mo.

D. LAND ROLLERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
David Bradley Mfg. Co., Bradley, Ill.
Brennan & Co., Louisville, Ky.
Bucher & Gibb Plow Co., Canton, O.
Buffalo-Pitts Co., Buffalo, N. Y.
Castree & Shaw Co., Owosso, Mich.
Geo. S. Comstock, Mechanicsburg, Pa.
A. P. Dickey Mfg. Co., Racine, Wis.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
Johnson & Field Co., Racine, Wis.
Keystone Farm Mach. Co., Ltd., York, Pa.
Lansing Wheelbarrow Co., Lansing, Mich.
Lehr Agricultural Co., Fremont, O.
S. S. Messinger & Son, Tatamy, Pa.
Monitor Mfg. Co., Minneapolis, Minn.
Patten & Stafford, Canastota, N. Y.
Rock Island Plow Co., Rock Island, Ill.
San José Agricultural Works, San José, Cal.
Sutton Bros. & Bell, Indiana, Pa.
F. B. Tait Mfg. Co., Decatur, Ill.
R. W. Whitehurst & Co., Norfolk, Va.
J. K. Wilder & Sons, Monroe, Mich.

E. LAWN ROLLERS.
D. H. Bausman, Bausman, Pa.
David Bradley Mfg. Co., Bradley, Ill.
Dickson Mfg. Co., Scranton, Pa.
Jas. L. Haven Co., Cincinnati, O.
H. N. Hubbard, 18 Cliff St., New York.
Lansing Wheelbarrow Co., Lansing, Mich.
S. S. Messinger & Son, Tatamy, Pa.
A. B. & N. T. Westervelt, 102 Chambers St., New York.
R. W. Whitehurst & Co., Norfolk, Va.
J. K. Wilder & Sons, Monroe, Mich.

F. ROLLERS, CONTRACTORS', GROOVED.
Contractors' Plant Mfg. Co., Buffalo, N. Y.

G. ROLLING COULTER BLADES.
Beaver Falls Steel Works, Beaver Falls, Pa.

H. ROLLING COULTERS.
La Belle Steel Co., Pittsburg, Pa.

1297. SCYTHE RIFLES.
Cleveland Stone Co., Cleveland, O.
Grafton Stone Co., Grafton, O.
Huron Grindstone Co., Port Austin, Mich.
Pike Mfg. Co., Pike Station, N. H.
J. S. Simmons, Gorham, Me.
Tanite Co., Stroudsburg, Pa.

1298. SCYTHES.
American Axe & Tool Co., Pittsburg, Pa.
Carter & Co., Scranton, Pa.
Clark & Parsons Co., E. Wilton, Me.
Collins & Co., Collinsville, Conn.
Cornwall & Patterson Mfg. Co., Bridgeport, Conn.
Dunn Edge Tool Co., Oakland, Me.
Emerson & Stevens Mfg. Co., Oakland, Me.
French, Watson & Co., Hartford, Vt.
Henry Knickerbacker, Ballston Spa, N. Y.
Nolin Mfg. Co., Skowhegan, Me.
North Wayne Tool Co., Hallowell, Me.
Oscar S. Rixford, East Highgate, Vt.
David Wadsworth & Son, Auburn, N. Y.
Winsted Mfg. Co., Winsted, Conn.

A. BUSH SCYTHES.
American Axe & Tool Co., Pittsburg, Pa.
Collins & Co., Collinsville, Conn.
Oscar S. Rixford, East Highgate, Vt.
David Wadsworth & Son, Auburn, N. Y.

B. GRAIN SCYTHES.
American Axe & Tool Co., Pittsburg, Pa.
Carter & Co., Scranton, Pa.

C. GRASS HOOKS.
American Axe & Tool Co., Pittsburg, Pa.
Collins & Co., Collinsville, Conn.
Henry Knickerbacker, Ballston Spa, N. Y.
Nolin Mfg. Co., Skowhegan, Me.
North Wayne Tool Co., Hallowell, Me.
David Wadsworth & Son, Auburn, N. Y.
Whitman & Barnes Mfg. Co., Syracuse, N. Y.

D. LAWN SCYTHES.
American Axe & Tool Co., Pittsburg, Pa.
Collins & Co., Collinsville, Conn.
Nolin Mfg. Co., Skowhegan, Me.
David Wadsworth & Son, Auburn, N. Y.

1299. SCYTHE SNATHS.

Brown, Hinman & Huntington Co., Columbus, O.
Derby & Ball, Bellows Falls, Vt.
Thos. C. Fisher, Anderson, Ind.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Seymour Mfg. Co., Seymour, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

1300. SCYTHE STONES.

Cleveland Stone Co., Cleveland, O.
Grafton Stone Co., Grafton, O.
Pike Mfg. Co., Pike Station, N. H.
Wm. H. Rudkin, 74 William St., New York.
Tanite Co., Stroudsburg, Pa.

1301. SEED DRILLS.

A. BEET DRILLS.

Hoosier Drill Co., Richmond, Ind.
Superior Drill Co., Springfield, O.

B. COMBINATION SEED DRILLS.

S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.

C. COMBINED LISTERS & DRILLS.

David Bradley Mfg. Co., Bradley, Ill.

D. CORN & COTTON DRILLS, COMBINED.

Pioneer Corn Drill Works, Harrison, O.

E. CORN DRILLS.

A. C. Adams Mfg. Co., Springfield, O.
David Bradley Mfg. Co., Bradley, Ill.
Brennan & Co., Louisville, Ky.
J. I. Case Plow Works, Racine, Wis.
Challenge Corn Planter Co., Grand Haven, Mich.
Chambers-Bering-Quinlan Co., Decatur, Ill.
Deere & Mansur Co., Moline, Ill.
Emerson, Talcott & Co., Inc., Rockford, Ill.
Empire Drill Co., Shortsville, N. Y.
A. C. Evans Mfg. Co., Springfield, O.
Hapgood Plow Co., Alton, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
Hoosier Drill Co., Richmond, Ind.
Keystone Mfg. Co., Sterling, Ill.
King Drill Co., Logansport, Ind.
P. P. Mast & Co., Springfield, O.
Moline Plow Co., Moline, Ill.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.
Pioneer Corn Drill Works, Harrison, O.
Rock Island Plow Co., Rock Island, Ill.
Rude Bros. Mfg. Co., Liberty, Ind.
Stoddard Mfg. Co., Dayton, O.
Superior Drill Co., Springfield, O.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.
Wayne Works, Richmond, Ind.

F. COTTON DRILLS.

Columbia Cotton Mills Co., Columbia, Tenn.
Deere & Mansur Co., Moline, Ill.
Galveston City Cotton Mills, Galveston, Tex.
Indian Head Mills of Ala., Cordova, Ala.
Lane Mills, New Orleans, La.
Laurel Mills, 9 W. German St., Baltimore, Md.
Moline Plow Co., Moline, Ill.
Newberry Cotton Mills, Newberry, S. C.
Pelzer Mfg. Co., Pelzer, S. C.
Selma Cotton Mill Co., Selma, Ala.
Tennessee Mfg. Co., Nashville, Tenn.

G. DISK DRILLS.

Brennan & Co., Louisville, Ky.
Hoosier Drill Co., Richmond, Ind.
P. P. Mast & Co., Springfield, O.
McSherry Mfg. Co., Middletown, O.
Stoddard Mfg. Co., Dayton, O.
Superior Drill Co., Springfield, O.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.

H. FERTILIZER CORN DRILLS.

Pioneer Corn Drill Works, Harrison, O.

I. GRAIN & FERTILIZER DRILLS, COMBINED.

Bickford & Huffman Co., Macedon, N. Y.
P. P. Mast & Co., Springfield, O.

J. GRAIN DRILL ATTACHMENTS.

Dowagiac Mfg. Co., Dowagiac, Mich.

K. GRAIN DRILL REGULATORS.

Spangler Mfg. Co., York, Pa.

L. GRAIN DRILLS.

Bickford & Huffman Co., Macedon, N. Y.
Brennan & Co., Louisville, Ky.

Champion Wagon Co., Owego, N. Y.
Crown Mfg. Co., Phelps, N. Y.
Deere & Mansur Co., Moline, Ill.
Dempster Mill Mfg. Co., Beatrice, Neb.
Dowagiac Mfg. Co., Dowagiac, Mich.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Empire Drill Co., Shortsville, N. Y.
A. B. Farquhar Co., Ltd., York, Pa.
Grant Ferris Co., Troy, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Philip M. Gundlach, Belleville, Ill.
Haworth & Sons Mfg. Co., Decatur, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
Hoosier Drill Co., Richmond, Ind.
R. R. Howell & Co., Minneapolis, Minn.
Janesville Machine Co., Janesville, Wis.
P. P. Mast & Co., Springfield, O.
McSherry Mfg. Co., Middletown, O.
Monitor Mfg. Co., Minneapolis, Minn.
Ewald Over, Indianapolis, Ind.
J. S. Rowell Mfg. Co., Beaver Dam, Wis.
Rude Bros. Mfg. Co., Liberty, Ind.
Selby, Starr & Co., Peoria, Ill.
Spangler Mfg. Co., York, Pa.
Sucker State Drill Co., Belleville, Ill.
Superior Drill Co., Springfield, O.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.
Wayne Works, Richmond, Ind.
Whitman Agricultural Co., 6900 S. Broadway, St. Louis, Mo.

M. GRAIN DRILLS, FORCE FEED.
Crown Mfg. Co., Phelps, N. Y.
Genesee Valley Mfg. Co., Mount Morris, N. Y.

N. GRAIN DRILL SPRINGS.
Harrow Spring Co., Kalamazoo, Mich.

O. GRAIN DRILL TUBES.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Whitman & Barnes Mfg. Co., Akron, O.

P. HAND SEED DRILLS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bateman Mfg. Co., Grenloch, N. J.
E. Bement's Sons, Lansing, Mich.
W. G. Comstock, Jr., East Hartford, Conn.
Deere & Mansur Co., Moline, Ill.
C. O. Jelliff & Co., Southport, Conn.
Spangler Mfg. Co., York, Pa.

Q. HOE DRILLS.
Brennan & Co., Louisville, Ky.
R. R. Howell & Co., Minneapolis, Minn.
P. P. Mast & Co., Springfield, O.
McSherry Mfg. Co., Middletown, O.
Stoddard Mfg. Co., Dayton, O.
Superior Drill Co., Springfield, O.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.

R. HORSE SEED DRILLS.
Empire Drill Co., Shortsville, N. Y.
Keystone Mfg. Co., Sterling, Ill.

S. ONION SEED DRILLS.
C. O. Jelliff & Co., Southport, Conn.

T. RICE DRILLS.
Hoosier Drill Co., Richmond, Ind.

U. ROTARY DRILL & CHECK ROW PLANTERS.
Keystone Mfg. Co., Sterling, Ill.

V. SEED DRILL ATTACHMENTS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
Challenge Corn Planter Co., Grand Haven, Mich.

W. SEED DRILLS & CULTIVATORS.
S. L. Allen & Co., 1107 Market St., Philadelphia, Pa.
R. R. Mast & Co., Springfield, O.

1302. SEEDERS.
American Harrow Co., Detroit, Mich.
Appleton Mfg. Co., Batavia, Ill.
Avery Planter Co., Peoria, Ill.
E. Bement & Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
Bickford & Huffman Co., Macedon, N. Y.
David Bradley Mfg. Co., Bradley, Ill.
Bristol & Gale Co., 110 W. Washington St., Chicago, Ill.
Champion Seeder Co., Urbana, Ind.
Deere & Mansur Co., Moline, Ill.
Dowagiac Mfg. Co., Dowagiac, Mich.
Emerson, Talcott & Co., Inc., Rockford, Ill.
J. A. Everitt, Seedman, Indianapolis, Ind.
Grant Ferris Co., Troy, N. Y.
Foster & Williams Mfg. Co., Racine, Wis.
S. Freeman & Sons Mfg. Co., Racine, Wis.

Gale Mfg. Co., Albion, Mich.
Goodell Co., Antrim, N. H.
Hoosier Drill Co., Richmond, Ind.
R. R. Howell & Co., Minneapolis, Minn.
W. M. Hurlburt, Winona, Minn.
Janesville Machine Co., Janesville, Wis.
Johnson & Field Co., Racine, Wis.
Keystone Mfg. Co., Sterling, Ill.
King & Hamilton Co., Ottawa, Ill.
P. P. Mast & Co., Springfield, O.
McSherry Mfg. Co., Middletown, O.
Moline Plow Co., Moline, Ill.
Monitor Mfg. Co., Minneapolis, Minn.
Morrison Mfg. Co., Fort Madison, Iowa.
G. B. Olin & Co., Canandaigua, N. Y.
Owatouma Mfg. Co., Owatouma, Minn.
Parlin & Orendorff Co., Canton, Ill.
Racine Malleable & Wrought Iron Co., Racine, Wis.
D. C. & H. C. Reed & Co., Kalamazoo, Mich.
Rock Island Plow Co., Rock Island, Ill.
J. S. Rowell Mfg. Co., Beaver Dam, Wis.
Rude Bros. Mfg. Co., Liberty, Ind.
Selby, Starr & Co., Peoria, Ill.
Spangler Mfg. Co., York, Pa.
Sterling Mfg. Co., Sterling, Ill.
Stevens Mfg. Co., Joliet, Ill.
Stoddard Mfg. Co., Dayton, O.
Superior Drill Co., Springfield, O.
F. B. Tait Mfg. Co., Decatur, Ill.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.
Whitman Agricultural Co., St. Louis, Mo.
Williams Bros., Ithaca, N. Y.

A. GRASS SEEDERS.
Crown Mfg. Co., Phelps, N. Y.
Foster & Williams Mfg. Co., Racine, Wis.
Johnson & Field Co., Racine, Wis.
Rude Bros. Mfg. Co., Liberty, Ind.
Saginaw Hardware Co., Saginaw, Mich.

B. WHEELBARROW GRASS SEEDERS.
Crown Mfg. Co., Phelps, N. Y.
Seeder & Hammock Chair Co., Homer, Mich.

1303. SEEDERS, COMBINATION.

A. SEEDERS & CULTIVATORS COMBINED.
Deere & Co., Moline, Ill.
Deere & Mansur Co., Moline, Ill.
Monitor Mfg. Co., Minneapolis, Minn.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.

B. SEEDERS & HARROWS COMBINED.
Fuller & Johnson Mfg. Co., Madison, Wis.
Parlin & Orendorff Co., Canton, Ill.

C. SEEDERS & SOWERS COMBINED.
Parlin & Orendorff Co., Canton, Ill.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.

1304. SEED SOWERS.

Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
Foster & Williams Mfg. Co., Racine, Wis.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Goodell Co., Antrim, N. H.
Johnson & Field Co., Racine, Wis.
P. P. Mast & Co., Springfield, O.
Whitman Agricultural Co., St. Louis, Mo.
Williams Bros. Mfg. Co., Naubuc, Conn.

A. BROADCAST SEED SOWERS.
Foster & Williams Mfg. Co., Racine, Wis.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Goodell Co., Antrim, N. H.
Hoosier Drill Co., Richmond, Ind.
Johnson & Field Co., Racine, Wis.
Monitor Mfg. Co., Minneapolis, Minn.
Stevens Mfg. Co., Joliet, Ill.
Van Brunt & Wilkins Mfg. Co., Horicon, Wis.
Wayne Works, Richmond, Ind.
Whitman Agricultural Co., St. Louis, Mo.
Williams Bros., Ithaca, N. Y.

B. HAND SEED SOWERS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Champion Seeder Co., Urbana, Ind.
Deere & Mansur Co., Moline, Ill.
Goodell Co., Antrim, N. H.
Goshen Sweeper Co., Grand Rapids, Mich.
C. O. Jelliff Co., Southport, Conn.
D. E. Speicher, Urbana, Ind.

1305. SHARPENERS, DISK & COULTER.
Novelty Mfg. Co., Rock Island, Ill.

1306. SHEEP SHEARING MACHINES, POWER.
Chicago Flexible Shaft Co., 158 Huron St., Chicago, Ill.

1307. SHEEP SHEARS.
Seymour Cutlery Co., Holyoke, Mass.
J. Barton Smith Co., N. 4th & Somerset Sts., Phila., Pa.

1308. SHREDDERS.

A. CORNSTALK SHREDDERS.
Keystone Mfg. Co., Sterling, Ill.
E. W. Ross Co., Springfield, O.
St. Albans Foundry Co., St. Albans, Vt.

B. CORNSTALK SHREDDERS & HUSKERS COMBINED.
Deere & Mansur Co., Moline, Ill.

C. CORNSTALK SHREDDERS & SCRAPERS.
Sterling Mfg. Co., Sterling, Ill.

D. FODDER SHREDDERS.
David Bradley Mfg. Co., Bradley, Ill.
M. L. Edwards Co., Salem, O.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Hocking Valley Mfg. Co., Lancaster, O.
St. Albans Foundry Co., St. Albans, Vt.
Silver Mfg. Co., Salem, O.
J. R. Wilder & Sons, Monroe, Mich.

E. HENEQUÉN SHREDDERS.
Ferracute Machine Co., Bridgeton, N. J.

1309. SPADES.
Oliver Ames & Sons Corporation, N. Easton, Mass.
Avery Stamping Co.. Cleveland, O.
Chisholm Steel Shovel Works, Cleveland, O.
Collins Co., Collinsville, Conn.
George Griffiths & Co., 513 Locust St., Philadelphia, Pa
Hussey, Binns & Co., Ltd., Pittsburg, Pa.
H. M. Myers Co., Beaver Falls, Pa.
Jno. Pfeifer & Co., 224 Race St., Philadelphia, Pa.
T. Rowland's Sons, 12 N. 15th St., Philadelphia, Pa.
St. Louis Shovel Co., St. Louis, Mo.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

A. DITCHING SPADES.
Geo. Griffiths Co., 513 Locust St., Philadelphia, Pa.
Hussey, Binns & Co., Ltd., Pittsburg, Pa.
Iwan Bros., Streator, Ill.
St. Louis Shovel Co., St. Louis, Mo.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

1310. STACKERS.

A. HAY STACKERS.
Acme Harvester Co., Pekin, Ill.
Advance Thresher Co., Battle Creek, Mich.
J. I. Case Threshing Machine Co., Racine, Wis.
A. L. Courtright & Co., Keokuk, Iowa.
Famous Mfg. Co., 50 W. Randolph St., Chicago, Ill.
Gaar, Scott & Co., Richmond, Ind.
Harrison Machine Works, Belleville, Ill.
Nichols & Shephard Co., Battle Creek, Mich.
Reeves & Co., Columbus, Ind.

B. STRAW STACKERS.
Advance Thresher Co., Battle Creek, Mich.
Aultman Co., Canton, O.
J. I. Case Threshing Machine Co., Racine, Wis.
Gaar, Scott & Co., Richmond, Ind.
Robinson & Co., Richmond, Ind.
Russell & Co., Massillon, O.
Westinghouse Co., Schenectady, N. Y.

C. SWINGING STACKERS.
Advance Thresher Co., Battle Creek, Mich.
J. I. Case Threshing Machine Co., Racine, Wis.

1311. STALK CUTTERS.
B. F. Avery & Sons, Louisville, Ky.
David Bradley Mfg. Co., Bradley, Ill.
George W. Brown, Galesburg, Ill.
J. I. Case Plow Works, Racine, Wis.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Geo. S. Comstock, Mechanicsburg, Pa.
Deere & Mansur Co., Moline, Ill.
Dubuque Plow Works, Dubuque, Iowa.
Grand Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
Marseilles Mfg. Co., Marseilles, Ill.
Moline Plow Co., Moline, Ill.
D. M. Osborne & Co., Auburn, N. Y.
Parlin & Orendorff Co., Canton, Ill.
Reeves & Co., Inc., Columbus, Ind.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Plow Co., St. Joseph, Mo.

Sandwich Mfg. Co., Sandwich, Ill.
Selby, Starr & Co., Peoria, Ill.
Sterling Mfg. Co., Sterling, Ill.
Sucker State Drill Co., Belleville, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

A. CORNSTALK CUTTERS & GRINDERS.
David Bradley Mfg. Co., Bradley, Ill.
Deere & Mansur Co., Moline, Ill.
Marseilles Mfg. Co., Marseilles, Ill.
Sandwich Mfg. Co., Sandwich, Ill.

1312. STRAW BRUISERS.
D. M. Osborne & Co., Auburn, N. Y.

1313. STUMP PULLERS.
Bateman Mfg. Co., Centerville, Iowa.
H. L. Bennett & Co., Westerville, O.
Butterworth & Lowe, Grand Rapids, Mich.
A. B. Farquhar & Co., York, Pa.
H. N. Hubbard, 18 Cliff St., New York.
Kansas City Hay Press Co., Kansas City, Mo.
Kratz Bros., Evansville, Ind.
Milne Mfg. Co., Monmouth, Ill.
Ewald Over, Indianapolis, Ind.
St. Albans Foundry Co., St. Albans, Vt.
Sutton Bros. & Bell, Indiana, Pa.

1314. SYRINGES, AGRICULTURAL.
P. C. Lewis Mfg. Co., Catskill, N. Y.

A. GARDEN SYRINGES.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

1315. TEETH, FARM IMPLEMENT.

A. HARROW TEETH.
Cambria Iron Co., Johnstown, Pa.
Harrow Spring Co., Kalamazoo, Mich.

B. RAKE TEETH.
Cambria Iron Co., Johnstown, Pa.
Harrow Spring Co., Kalamazoo, Mich.
La Belle Steel Co., Pittsburg, Pa.

C. THRESHER TEETH.
J. I. Case Threshing Machine Co., Racine, Wis.
H. F. Herrick, Racine, Wis.
R. R. Howell & Co., Minneapolis, Minn.
Rhode Island Tool Co., Providence, R. I.
Whitman & Barnes Mfg. Co., Akron, O.

1316. THRESHING MACHINE ATTACHMENTS.
Gaar, Scott & Co., Richmond, Ind.
Byron Jackson Mach. Works, San Francisco, Cal.
Minneapolis Threshing Mach. Co., Minneapolis, Minn.
Russell & Co., Massillon, O.

A. BAGGERS.
J. I. Case Threshing Mach. Co., Racine, Wis.
Minneapolis Threshing Mach. Co., Minneapolis, Minn.
Port Huron Engine & Thresher Co., Port Huron, Mich.

B. BAGGERS & TALLIERS.
Orrville Machine Co., Orrville, O.

C. BARLEY BEARDERS.
St. Johnsville Agricultural Works, St. Johnsville, N. Y.

D. CLOVER HULLERS & FEEDERS.
Reeves & Co., Columbus, Ind.

E. GRAIN MEASURERS.
Nichols & Shepard Co., Battle Creek, Mich.

F. GRAIN SACKERS, AUTOMATIC.
St. Johnsville Agricultural Works, St. Johnsville, N. Y.

G. GRAIN SEPARATORS.
Beeman & Co., Minneapolis, Minn.
J. I. Case Threshing Mach. Co., Racine, Wis.
A. B. Farquhar & Co., York, Pa.
Harrison Machine Works, Belleville, Ill.
S. Howes Co., Silver Creek, N. Y.
Johnson & Field Co., Racine, Wis.
S. S. Messinger & Son, Tatamy, Pa.
Nichols & Shepard, Battle Creek, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
Richmond Mfg. Co., Lockport, N. Y.
V. Wetherill, Doylestown, Pa.

H. GRAIN SEPARATORS & GRADERS COMBINED.
E. H. Pease Mfg. Co., Racine, Wis.

I. GRAIN SEPARATORS & POLISHERS COMBINED.
E. H. Pease Mfg. Co., Racine, Wis.

J. SELF FEEDERS & BAND CUTTERS.
Gaar, Scott & Co., Richmond, Ind.

K. THRESHER FEEDERS.
Advance Thresher Co., Battle Creek, Mich.

L. THRESHER SELF-FEEDERS.
Westinghouse Co., Schenectady, N. Y.

1317. THRESHING MACHINES.
Advance Thresher Co., Battle Creek, Mich.
Aultman & Taylor Mach. Co., Mansfield, O.
Aultman Co., Canton, O.
Belle City Mfg. Co., Racine, Wis.

Birdsall Co., Auburn, N. Y.
Brennan & Co., Louisville, Ky.
Buffalo Pitts Co., Buffalo, N. Y.
Cardwell Mach. Co., Richmond, Va.
J. I. Case Threshing Mach. Co., Racine, Wis.
C. & G. Cooper & Co., Mt. Vernon, O.
Stephen G. Cree, Wheelock, Vt.
John S. Davis Sons, Davenport, Iowa.
Ellis Keystone Agricultural Works, Pottstown, Pa.
A. B. Farquhar & Co., York, Pa.
Frick Co., Waynesboro, Pa. *9
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Groton Bridge & Mfg. Co., Groton, N. Y.
Harrison Machine Works, Belleville, Ill.
Heebner & Sons, Lansdale, Pa.
Heilman Machine Works, Evansville, Ind.
R. R. Howell & Co., Minneapolis, Minn.
Huber Mfg. Co., Marion, O.
Kingsland & Douglas Mfg. Co., St. Louis, Mo.
Marion Mfg. Co., Marion, O.
McCormick Harvesting Mach. Co., 329 Wabash Av., Chic., Ill.
S. S. Messinger & Son, Tatamy, Pa.
Minneapolis Threshing Mach. Co., Minneapolis, Minn.
New Birdsall Co., Auburn, N. Y.
Nichols & Shepard Co., Battle Creek, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Reeves & Co., Columbus, Ind.
Roberts, Throp & Co., Three Rivers, Mich.
Robinson & Co., Richmond, Ind.
J. S. Rowell Mfg. Co., Beaver Dam, Wis.
M. Rumely Co., La Porte, Ind.
Russell & Co., Massillon, O.
St. Albans Foundry Co., St. Albans, Vt.
Rheinhart Scheidler, Newark, O.
L. Spence & Son, Martin's Ferry, O.
Star Mfg. Co., Carpentersville, Ill.
A. W. Stevens Co., Auburn, N. Y.
Westinghouse Co., Schenectady, N. Y.
Wheeler & Melick Machinery Co., Marathon, N. Y.

A. BEAN THRESHERS.
Belle City Mfg. Co., Racine, Wis.
Buffalo-Pitts Co., Buffalo, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Robinson & Co., Richmond, Ind.
Westinghouse Co., Schenectady, N. Y.

B. BROOM CORN THRESHERS.
Robinson & Co., Richmond, Ind.

C. CLOVER HULLERS.
R. Q. Bowers & Son, Hackettstown, N. J.
S. K. Campbell, Central Bridge, N. Y.
Gaar, Scott & Co., Richmond, Ind.
Groton Bridge & Mfg. Co., Groton, N. Y.
G. W. Hildreth & Co., Lockport, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Reeves & Co., Columbus, Ind.
Westinghouse Co., Schenectady, N. Y.

D. GRAIN THRESHERS.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
J. S. Davis Sons, Davenport, Iowa.
Geiser Mfg. Co., Waynesboro, Pa.
Phil. Meyer Co., Sheboygan, Wis.

E. SEED CLEANERS.
Orrville Machine Co., Orrville, O.
Johnson & Field Co., Racine, Wis.

F. SEED THRESHING MACHINES.
Gaar, Scott & Co., Richmond, Ind.
Robinson & Co., Inc., Richmond, Ind.
Westinghouse Co., Schenectady, N. Y.

G. THRESHERS & CLEANERS.
Aultman & Taylor Machinery Co., Mansfield, O.
Birdsell Mfg. Co., South Bend, Ind.
Cardwell Machine Co., Richmond, Va.
A. W. Gray's Sons, Middletown Springs, Vt.
Westinghouse Co., Schenectady, N. Y.

H. THRESHERS & SEPARATORS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Aultman & Taylor Machinery Co., Mansfield, O.
Cardwell Machine Co., Richmond, Va.
New Birdsall Co., Auburn, N. Y.

1318. TOOLS, AGRICULTURAL.

A. FARMING TOOLS, HAND.
Advance Mfg. Co., Hamilton, O.
Ashtabula Tool Co., Ashtabula, O.

E. Bement & Sons, Lansing, Mich.
L. Bolles Hoe & Tool Co., Binghamton, N. Y.
Brown, Hinman & Huntington Co., Columbus, O.
Carter & Co., Scranton, Pa.
Deere & Mansur Co., Moline, Ill.
Foos Mfg. Co., Springfield, O.
French, Watson & Co., Hartford, Vt.
Geneva Tool Co., Geneva, O.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Jas. L. Haven Co., Cincinnati, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Richard W. Montrose, Galien, Mich.
Otsego Fork Mills Co., Ltd., Girard, Pa.
Peck, Clark & Co., Brookfield, Vt.
Oscar S. Rixford, East Highgate, Vt.
Sandusky Tool Co., Sandusky, O.
George Spratt & Co., Sheboygan, Wis.

B. GARDEN TOOL RACKS.
Iowa Farming Tool Co., Fort Madison, Iowa.

C. GARDEN TOOLS.
Bateman Mfg. Co., Grenloch, N. J.
E. Bement & Son, Lansing, Mich.
Brown, Hinman & Huntington Co., Columbus, O.
Chalfant Mfg. Co., Lancaster, Pa.
M. J. Clark Co., Salem, O.
Deere & Mansur Co., Moline, Ill.
Derbey & Ball, Bellows Falls, Vt.,
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.

D. GARDEN TOOLS, COMBINATION.
Phila. Novelty Mfg. Co., N. 13th, c. Noble, Phila., Pa.
Withington & Cooley Mfg. Co., Jackson, Mich.

1319. TOOLS, LAWN.

Withington & Cooley Mfg. Co., Jackson, Mich.

A. BORDER KNIVES.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.

B. GRASS EDGERS.
Chadborn & Harris Co., Newburg, N. Y.
Clipper Lawn Mower Co., Norristown, Pa.
Pastime Lawn Mower Co., Detroit, Mich.

C. TURF EDGERS.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Withington & Cooley Mfg. Co., Jackson, Mich

1320. TRANSPLANTERS.

Fuller & Johnson Mfg. Co., Madison, Wis.
Iowa Farming Tool Co., Fort Madison, Iowa.
McSherry Mfg. Co., Middletown, O.

1321. TROWELS, GARDEN.

Gibbs Mfg. Co., Canton, O.
H. W. Humphrey, Unionville, Conn.
William Johnson, Newark, N. J.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
F. E. Kohler & Co., Canton, O.
Landers, Frary & Clark, New Britain, Conn.
H. A. Lothrop Mfg. Co., Sharon, Mass.
Peck, Stow & Wilcox Co., Southington, Conn

1322. WEEDERS.

Acme Harvester Co., Pekin, Ill.
Aspinwall Mfg. Co., Jackson, Mich.
Benicia Agricultural Works, Benicia, Cal.
Eureka Mower Co., Utica, N. Y.
Iowa Farming Tool Co., Fort Madison, Iowa.
Keystone Farm Mach. Co., Ltd., York, Pa.
Munnesville Plow Co., Munnesville, N. Y.
W. C. Stiles, Warren, O.
Wiard Plow Co., Batavia, N. Y.

A. ONION WEEDERS.
Iowa Farming Tool Co., Fort Madison, Iowa.

B. WEEDER & RAKE COMBINED.
Geneva Tool Co., Geneva, O.
Smith Harper, 611 Bourse, Philadelphia, Pa.
Thos. Laughlin Co., Portland, Me.

C. WEEDERS & POTATO DIGGERS COMBINED.
Gibbs Mfg. Co., Canton, O.

D. WEEDING HOOKS.
Gibbs Mfg. Co., Canton, O.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
F. E. Kohler & Co., Canton, O.

1323. WINNOWING MACHINES.

Johnson & Field Co., Racine, Wis.
Westinghouse Co., Schenectady, N. Y.

1324. YUCA GRATERS.

H. N. Hubbard, 18 Cliff St., New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.

HOISTING.

1325. BLOCK PARTS.

A. BLOCK SHACKLES.
Boston & Lockport Block Co., Boston, Mass.
Henry H. Harvey, 105 High St., Boston, Mass.
Geo. M. Stanwood & Co., Portland, Me.

B. BLOCK SHEAVES.
Boston & Lockport Block Co., Boston, Mass.
Thomas Carlin's Sons, Allegheny, Pa.
Charter Gas Engine Co., Sterling, Ill.
Cleveland Block Co., 161 River St., Cleveland, O.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
P. & F. Corbin, New Britain, Conn.
J. A. Dubuar Mfg. Co., Northville, Mich.
Thos. Laughlin Co., Portland, Me.
Piqua Handle & Mfg. Co., Piqua, O.
Geo. M. Stanwood & Co., Portland, Me.
E. C. Stearns & Co., Syracuse, N. Y.

1326. BLOCKS, HOISTING.

A. BLOCKS FOR WIRE ROPE.
Boston & Lockport Block Co., Boston, Mass.

B. BRONZE HOISTING BLOCKS.
Shelton Co., Derby, Conn.

C. IRON HOISTING BLOCKS.
Boston & Lockport Block Co., Boston, Mass.
Case Mfg. Co., Columbus, O.
Chisholm & Moore Mfg. Co., Cleveland, O.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.
P. K. Dederick's Sons, Albany, N. Y.
Detroit Block Works, Detroit, Mich.
S. C. Forsaith Machine Co., Manchester, N. H.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Henry H. Harvey, 105 High St., Boston, Mass.
C. W. Hunt Co., 45 Broadway, New York.
Jackson Mfg. Co., Harrisburg, Pa.
Thos. Laughlin Co., Portland, Me.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Reading Crane & Hoist Wks., Bern & 10th Sts., Reading, Pa.
G. L. Stuebner, Long Island City, N. Y.
Yale & Towne Mfg. Co., Stamford, Conn.

D. STEEL HOISTING BLOCKS.
Boston & Lockport Block Co., Boston, Mass.
Thos. Carlin's Sons, Allegheny, Pa.
Walter Coleman & Sons, Providence, R. I.
Dicke Tool Co., Downers Grove, Ill.
Fulton Iron & Engine Works, Detroit, Mich.
A. Leschen & Sons Rope Co., 920 N. Main St., St. Louis, Mo.

E. WOODEN HOISTING BLOCKS.
Boston & Lockport Block Co., Boston, Mass.
John F. Byers Machine Co., Ravenna, O.
Thos. Carlin's Sons, Allegheny, Pa.
Cleveland Block Co., 161 River St., Cleveland, O.
Walter Coleman & Sons, Providence, R. I.
Detroit Block Works Co., Detroit, Mich.
Dickson Mfg. Co., Scranton, Pa.
J. B. Dubuar Mfg. Co., Northville, Mich.
James P. Dunn, Cleveland, O.
C. W. Hunt Co., 45 Broadway, New York.
Byron Jackson Machine Works, San Francisco, Cal.
Lane Bros. Co., Poughkeepsie, N. Y.
Thos. Laughlin Co., Portland, Me.
W. H. McMillan's Sons, 153 South St., New York.
Shubert & Cottingham, 118 N. Delaware Av., Phila., Pa.
Union Hardware Co., Torrington, Conn.

1327. BUCKETS, ELEVATOR.

Amer. Engineering Wks., 204 Dearborn St., Chicago, Ill.
Avery Stamping Co., Coe & Lake Sts., Cleveland, O.
Chain Belt Co., Milwaukee, Wis.
W. J. Clark Co., Salem, O.
Cooney, Seiner & Co., Indianapolis, Ind.
Great Western Mfg. Co., Leavenworth, Kan.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Jeffrey Mfg. Co., Columbus, O.
Link-Belt Engineering Co., 49 Dey St., New York.
N. O. Roof'g & Metal Wks., 92 Lafayette St., N. Orleans, La.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Skillin-Richards Mfg. Co., 241 S. Jefferson St., Chicago, Ill.
Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

	Webster Mfg. Co., 1076 W. 15th St., Chicago, Ill.
A. STEEL ELEVATOR BUCKETS, SEAMLESS.	Avery Stamping Co., Cleveland, O.
	W. J. Clark Co., Salem, O.
1328. BUCKETS, HOISTING.	Thomas Carlin's Sons, Allegheny, Pa.
	Chain Belt Co., Milwaukee, Wis.
	Dickson Mfg. Co., Scranton, Pa.
	Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
	Vulcan Iron Works, Wilkes-Barre, Pa.
A. COAL BUCKETS.	Chain Belt Co., Milwaukee, Wis.
	P. K. Dederick's Sons, Albany, N. Y.
	Detroit Sprocket Chain Co., Ltd., Detroit, Mich.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	McMyler Mfg. Co., Cleveland, O.
	Rawson & Morrison Mfg. Co., Boston, Mass.
	G. L. Stuebner, Long Island City, N. Y.
B. COAL BUCKETS, STEEL.	Chain Belt Co., Milwaukee, Wis.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Phillips, Doup & Co., Pearl & Water Sts., Brooklyn, N. Y.
	Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
	G. L. Stuebner, Long Island City, N. Y.
C. ORE BUCKETS.	Edward P. Allis Co., Milwaukee, Wis.
	M. C. Bullock Mfg. Co., 138 Jackson St., Chicago, Ill.
	Chain Belt Co., Milwaukee, Wis.
	W. J. Clark Co., Salem, O.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Griffiths & Wedge Co., Zanesville, O.
	Jeffrey Mfg. Co., Columbus, O.
	McMyler Mfg. Co., Cleveland, O.
	J. H. Montgomery Machinery Co., Curtis St., Denver, Col.
	Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
	G. L. Stuebner, Long Island City, N. Y.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	Weber Gas & Gasoline Engine Co., Kansas City, Mo.
1329. CAPSTANS.	American Ship Windlass Co., Providence, R. I.
	Edson Mfg. Co., 132 Commercial St., Boston, Mass.
	Hyde Windlass Co., Bath, Me.
	Providence Steam Engine Co., Providence, R. I.
	Risdon Iron & Locomotive Works, San Francisco, Cal.
	Albert Russell & Sons, Newburyport, Mass.
A. BAR CAPSTANS.	American Ship Windlass Co., Providence, R. I.
	J. A. Dubuar Mfg. Co., Northville, Mich.
	Edson Mfg. Co., Boston, Mass.
B. CAPSTAN BARS.	Burton Handle Co., Burton, O.
	New York Boat Oar Co., 69 West St., New York.
C. CAPSTAN SHEET HOLDERS.	American Ship Windlass Co., Providence, R. I.
	J. A. Dubuar Mfg. Co., Northville, Mich.
D. CRANK CAPSTANS.	American Ship Windlass Co., Providence, R. I.
E. DOCK CAPSTANS.	American Ship Windlass Co., Providence, R. I.
F. STEAM CAPSTANS.	American Ship Windlass Co., Providence, R. I.
	Edson Mfg. Co., Boston, Mass.
	James Rees & Sons Co., Pittsburg, Pa.
1330. CRANE ACCESSORIES.	
A. ELECTRIC CRANE CONTROLLERS.	Cutler Hammer Mfg. Co., 16 W. Jackson Blrd., Chicago, Ill.
B. ELECTRIC CRANE PICKUPS.	Electric Controller & Supply Co., Cleveland, O.
C. OVERHEAD CRANE WHEELS.	New York Car Wheel Works, Buffalo, N. Y.
1331. CRANES.	Thos. Carlin's Sons, Allegheny, Pa.
	Chisholm & Moore Mfg. Co., Cleveland, O.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
	Sinclair-Scott Co., Baltimore, Md.
	Watson-Stillman Co., 204 E. 43d St., New York.
A. BRIDGE CRANES.	Fraser & Chalmers, Inc., Fulton & Union Sts., Chicago, Ill.
	Yale & Towne Mfg. Co., Stamford, Conn.
B. CAR CRANES.	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
C. COMPRESSED AIR CRANES.	Craig Ridgway & Son, Coatesville, Pa.
D. DERRICK CRANES.	Industrial Works, Bay City, Mich.
	Morgan Engineering Co., Alliance, O.
	Osgood Dredge Co., Albany, N. Y.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	Yale & Towne Mfg. Co., Stamford, Conn.
E. ELECTRIC CRANES.	Case Mfg. Co., Columbus, O.
	Commercial Electric Co., Indianapolis, Ind.
	Thos. H. Dallett & Co., York St. & Sedgley Av., Phila., Pa.

	Niles Tool Works Co., Hamilton, O.
	Pawling & Harnischfeger, Milwaukee, Wis.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
F. ELECTRIC TRAVELING CRANES.	Lincoln Iron Works, Rutland, Vt.
	Morgan Engineering Co., Alliance, O.
	Pawling & Harnischfeger, Milwaukee, Wis.
G. GANTRY CRANES.	Morgan Engineering Co., Alliance, O.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
H. HAND CRANES.	Addyston Pipe & Steel Co., Cincinnati, O.
	Case Mfg. Co., Columbus, O.
	Pawling & Harnischfeger, Milwaukee, Wis.
	Reading Crane & Hoist Works, Reading, Pa.
I. HYDRAULIC CRANES.	Addyston Pipe & Steel Co., Cincinnati, O.
	Dickson Mfg. Co., Scranton, Pa.
	Frank-Kneeland Machine Co., Pittsburg, Pa.
	Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
	Southwark F'dry & Mach. Co., Wash. Av. & 5th St., Phil., Pa.
	William Tod & Co., Youngstown, O.
	R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.
J. HYDRAULIC SWING CRANES.	Craig Ridgway & Son, Coatesville, Pa.
K. INGOT CRANES.	Byram & Co., Detroit, Mich.
	Robinson & Rea Mfg. Co., 329 Water St., Pittsburg, Pa.
	Vulcan Iron Works, Wilkes-Barre, Pa.
L. JIB CRANES.	Case Mfg. Co., Columbus, O.
	Morgan Engineering Co., Alliance, O.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
	Yale & Towne Mfg. Co., Stamford, Conn.
M. LADLE CRANES.	Robinson-Rea Mfg. Co., 329 Water St., Pittsburg, Pa.
N. LIGHT CRANES.	Industrial Works, Bay City, Mich.
	Pratt & Whitney Co., Hartford, Conn.
	Putnam Machine Co., Fitchburg, Mass.
O. LOCOMOTIVE CRANES.	Case Mfg. Co., Columbus, O.
	Morgan Engineering Co., Alliance, O.
P. MOVABLE JIB CRANES.	Pratt & Whitney Co., Hartford, Conn.
Q. OVERHUNG JIB CRANES.	Case Mfg. Co., Columbus, O.
R. PILLAR CRANES.	Pratt & Whitney Co., Hartford, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
S. POWER CRANES.	Bement, Miles & Co., Callowhill & N. 21st St., Phila., Pa.
	Birmingham Iron Foundry, Derby, Conn.
	Case Mfg. Co., Columbus, O.
	Dickson Mfg. Co., Scranton, Pa.
	Farrell Foundry & Machine Co., Ansonia, Conn.
	Osgood Dredge Co., Albany, N. Y.
	Pratt & Whitney Co., Hartford, Conn.
	Craig Ridgway & Son, Coatesville, Pa.
	Sinclair-Scott Co., Baltimore, Md.
T. RECTILINEAR CRANES.	Pratt & Whitney Co., Hartford, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
U. ROTARY CRANES.	Pratt & Whitney Co., Hartford, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
V. SWING CRANES.	Farrell Foundry & Machine Co., Ansonia, Conn.
	Lincoln Iron Works, Rutland, Vt.
	Pratt & Whitney Co., Hartford, Conn.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
	Vulcan Iron Works, Wilkes-Barre, Pa.
W. TRAM CRANES.	Pratt & Whitney Co., Hartford, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
X. TRAVELING CRANES.	Thomas Carlin's Sons, Allegheny, Pa.
	Case Mfg. Co., Columbus, O.
	Farrell Foundry & Machine Co., Ansonia, Conn.
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.
	E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
	Morgan Engineering Co., Alliance, O.
	Niles Tool Works Co., Hamilton, O.
	Pawling & Harnischfeger, Milwaukee, Wis.
	Reading Crane & Hoist Works, Reading, Pa.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
	Toledo Foundry & Machine Co., Toledo, O.
	Whiting Foundry Equipment Co., Harvey, Ill.
	R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.
Y. WALKING CRANES.	Pratt & Whitney Co., Hartford, Conn.
	Yale & Towne Mfg. Co., Stamford, Conn.
Z. WRECKING CRANES.	Greenleaf Turn Table Co., Indianapolis, Ind.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
1332. DERRICK FIXTURES.	Barnes Mfg. Co., Lanesboro, Pa.

John F. Byers Mach. Co., Ravenna, O.
Thos. Carlin's Sons, Allegheny, Pa.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.
Henry H. Harvey, 105 High St., Boston, Mass.
Lincoln Iron Works, Rutland, Vt.
Robt. Poole & Son Co., Baltimore, Md.

1333. DERRICKS.
P. F. Burke, Dorr St., Boston, Mass.
Thos. Carlin's Sons, Allegheny, Pa.
Henry H. Harvey, 105 High St., Boston, Mass.
Riter-Conly Co., Pittsburg, Pa.
Olin Scott, Bennington, Vt.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

A. COAL DERRICKS.
Thos. Carlin's Sons, Allegheny, Pa.
Excelsior Iron Works Co., Cleveland, O.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. CONSTRUCTION DERRICKS.
Brennan & Co., Louisville, Ky.
Thos. Carlin's Sons, Allegheny, Pa.
Geo. B. Carpenter & Co., 208 S. Water St., Chicago, Ill.
J. I. Case Threshing Machine Co., Racine, Wis.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Industrial Works, Bay City, Mich.
Lombard Iron Works & Supply Co., Augusta, Ga.
McMyler Mfg. Co., Cleveland, O.
Osgood Dredge Co., Albany, N. Y.

C. MINING & QUARRY DERRICKS.
Dickson Mfg. Co., Albany, N. Y.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Lidgerwood Mfg. Co., 96 Liberty St., New York.

D. ORE DERRICKS.
Excelsior Iron Works Co., Cleveland, O.
Matteson & Williamson Mfg. Co., Stockton, Cal.

E. PILE DRIVING DERRICKS.
Thos. Carlin's Sons, Allegheny, Pa.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Vulcan Iron Works, 59 Milwaukee Av., Chicago, Ill.

F. PLANTATION DERRICKS.
Bodley Wagon Co., Staunton, Va.

G. PORTABLE FOLDING DERRICKS.
Reading Crane & Hoist Works, Reading, Pa.

H. RAILROAD DERRICKS.
Bodley Wagon Co., Staunton, Va.

I. REVOLVING STEAM DERRICKS.
McMyler Mfg. Co., Cleveland, O.
Sulzer Machine Co., Louisville, Ky.
Henry Vogt Machine Co., Louisville, Ky.
Webster Camp & Lane Machine Co., Akron, O.

J. WOODEN DERRICKS.
Thos. Carlin's Sons, Allegheny, Pa.

K. *WRECKING DERRICKS.
Brooks Locomotive Works, Dunkirk, N. Y.
Excelsior Iron Works Co., Cleveland, O.

1334. DRUMS, HOISTING.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Hersey Mfg. Co., S. Boston, Mass.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
J. S. Mundy, Newark, N. J.
Ottumwa Iron Works, Ottumwa, Iowa.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

A CONICAL DRUMS.
Dickson Mfg. Co., Scranton, Pa.
Kenney & Co., Scottdale, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. CYLINDRICAL DRUMS.
Dickson Mfg. Co., Scranton, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

C. WINDING DRUMS.
American Clay Working Machine Co., Bucyrus, O.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Griffiths & Wedge Co., Zanesville, O.
Mich. Brick & Tile Machine Co., Morenci, Mich.
Robt. Poole & Son Co., Baltimore, Md.
C. & A. Potts & Co., Inc., Indianapolis, Ind.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
J. C. Steele & Sons, Statesville, N. C.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. WIRE ROPE CONES.
Dickson Mfg. Co., Scranton, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

1335. DUMB WAITERS.
Energy Mfg. Co., 411 Cherry St., Philadelphia, Pa.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.

Howard Foundry & Machine Wks., 17 S. 18th St., Phila., Pa.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Marshall Bros., Pittsburg, Pa.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Warner Elevator Mfg. Co., Spring Grove Av., Cincinnati, O.

1336. ELEVATOR ACCESSORIES.

A. ELECTRIC ELEVATOR CONTROLLERS. — Cutler Hammer Mfg. Co., 76 W. Jackson Blvd., Chicago, Ill.

B. ELEVATOR DOORS & GATES. — Richmond Safety Gate Co., Richmond, Ind.

C. ELEVATOR GOVERNORS. — Monarch Governor & Machine Co., Indianapolis, Ind.

D. ELEVATOR HAND STOP GRIPS. — Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Marshall Bros., Pittsburg, Pa.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Edward Storm Spring Co., Ltd., Poughkeepsie, N. Y.

E. ELEVATOR HATCH COVERS. — Howard Foundry & Machine Wks., 17 S. 18th St., Phila., Pa.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.

F. ELEVATOR INDICATORS. — Whittier Machine Co., 53 State St., Boston, Mass.

G. ELEVATOR LOCK STOPS. — Yawman & Erbe Mfg. Co., Rochester, N. Y.

H. ELEVATOR SAFETY HATCHES. — Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Holyoke Machine Co., Holyoke, Mass.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Norwood Engineering Co., Florence, Mass.

I. ELEVATOR STEEL CASINGS. — W. J. Clark Co., Salem, O.

J. ELEVATOR VALVES & PACKINGS. — Leather & Brass Mfg. Co., Seneca Falls, N. Y.

K. ELEVATOR WEIGHTS. — Buffalo Scale Co., Buffalo, N. Y.
Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
A. Kieckhefer Elevator Co., Milwaukee, Wis.

L. HOISTING CARRIAGES. — Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Vulcan Iron Works, Wilkes-Barre, Pa.

M. PASSENGER ELEVATOR CARS. — Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Hecla Iron Works, N. 10th & Berry Sts., Brooklyn, N. Y.
Hopkins & Co., 90 W. Broadway, New York.
A. Kieckhefer Elevator Co., Milwaukee, Wis.

1337. ELEVATORS.

A. Jr. Beckley & Co., Garwood, N. J.
W. J. Clark Co., Salem, O.
C. W. Dempwolf & Co., York, Pa.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Howard Foundry & Machine Wks., 17 S. 18th St., Phila., Pa.
Jeffrey Mfg. Co., Columbus, O.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Norwood Engineering Co., Florence, Mass.
Riter-Conly Co., Pittsburg, Pa.
Walker & Elliott, Wilmington, Del.
Whiting Foundry Equipment Co., Harvey, Ill.

A. BELT POWER ELEVATORS. — Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Fairmount Machine Co., 22d & Woods Sts., Philadelphia, Pa.
Graves Elevator Co., Rochester, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Norwood Engineering Co., Florence, Mass.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.
Springfield Foundry Co., Springfield, Mass.
Sulzer Machine Co., Louisville, Ky.
Henry Vogt Machine Co., Louisville, Ky.

B. CARRIAGE ELEVATORS. — Graves Elevator Co., Rochester, N. Y.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.

C. COAL ELEVATORS. — Dickson Mfg. Co., Scranton, Pa.
C. W. Hunt Co., 45 Broadway, New York.
Kenney & Co., Scottdale, Pa.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
G. L. Stuebner, Long Island City, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. COAL ELEVATORS & SCREENS. — Ottumwa Iron Works, Ottumwa, Iowa.

E. ELECTRIC ELEVATORS. — Armitage & Herschell Co., North Tonawanda, N. Y.
Belknap Motor Co., Portland, Me.
E. G. Bernard Co., Troy, N. Y.

Commercial Electric Co., Indianapolis, Ind.
Thos. H. Dallett & Co., York St. & Sedgley Av., Phila., Pa.
Graves Elevator Co., Rochester, N. Y.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kimball Bros., Council Bluffs, Iowa.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Sprague Electric Co., 20 Broad St., New York.
Triumph Electric & Ice Mach. Co., Cincinnati, O.
Henry Vogt Machine Co., Louisville, Ky.
Vulcan Iron Works, Wilkes-Barre, Pa.
Warner Elevator Mfg. Co., Spring Grove Av., Cincinnati, O.

F. FACTORY ELEVATORS.
Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Fairmount Machine Co., 22d & Wood St., Philadelphia, Pa.
Graves Elevator Co., Rochester, N. Y.
E. D. Jones & Sons Co., Pittsfield, Mass.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Norwood Engineering Co., Florence, Mass.
Otis Bros., 38 Park Row, New York.
Phoenix Iron Foundry, Providence, R. I.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.
Springfield Foundry Co., Springfield, Mass.

G. FREIGHT ELEVATORS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Bartlett, Hayward & Co., Baltimore, Md.
Belknap Motor Co., Portland, Me.
Chase Turbine Mfg. Co., Orange, Mass.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Cyrus Currier & Sons, Newark, N. J.
Eastern Machinery Co., New Haven, Conn.
Joseph Edwards & Co., 412 Water St., New York.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Fairmount Mach. Co., 22d & Wood Sts., Philadelphia, Pa.
Graves Elevator Co., Rochester, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Holyoke Machine Co., Holyoke, Mass.
Howard Iron Works, Buffalo, N. Y.
Industrial Works, Bay City, Mich.
Jeffrey Mfg. Co., Columbus, O.
E. D. Jones & Sons Co., Pittsfield, Mass.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Marshall Bros., Pittsburg, Pa.
L. J. Miller, 1233 Harrison Av., Cincinnati, O.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Norwood Engineering Co., Florence, Mass.
M. J. O'Donnell Co., Cleveland, O.
Otis Bros., 38 Park Row, New York.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.
Seelye Mfg. Co., 110 Lincoln St., Boston, Mass.
Sulzer Machine Co., Louisville, Ky.
Springfield Foundry Co., Springfield, Mass.
Stokes & Parrish Elevator Co., 702 Bullitt Bldg., Phila., Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Henry Vogt Machine Co., Louisville, Ky.
Warner Elevator Mfg. Co., Spring Grove Av., Cincinnati, O.
Whittier Machine Co., 53 State St., Boston, Mass.

H. HAND POWER ELEVATORS.
Bartlett, Hayward & Co., Baltimore, Md.
J. B. & J. M. Cornell, 143 Centre St., New York.
Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Graves Elevator Co., Rochester, N. Y.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
James L. Haven Co., 56 Plum St., Cincinnati, O.
E. D. Jones & Sons Co., Pittsfield, Mass.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kimball Bros., Council Bluffs, Iowa.
Lansing Boiler & Engine Works, Lansing, Mich.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.
Smith-Hill Elevator Co., Quincy, Ill.
Sulzer Machine Co., Louisville, Ky.
Henry Vogt Machine Co., Louisville, Ky.
Warner Elevator Mfg. Co., Spring Grove Av., Cincinnati, O.

I. HYDRAULIC ELEVATORS.
Armitage & Herschell Co., North Tonawanda, N. Y.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.

Graves Elevator Co., Rochester, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Joshua Hendy Mach. Wks., 39 Fremont St., San Fran., Cal.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Otis Bros., 38 Park Row, New York.
Parke & Lacy Co., 21-23 Fremont St., San Francisco, Cal.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.
George J. Roberts & Co., Dayton, O.
Smith-Hill Elevator Co., Quincy, Ill.
Springfield Foundry Co., Springfield, Mass.
Stokes & Parrish Elevator Co., 710 Bullitt Bldg., Phila., Pa.
Sulzer Machine Co., Louisville, Ky.
Warner Elevator Mfg. Co., Spring Grove Av., Cincinnati, O.
Whittier Machine Co., 53 State St., Boston, Mass.

J. PASSENGER ELEVATORS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Bartlett, Hayward & Co., Baltimore, Md.
Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Graves Elevator Co., Rochester, N. Y.
Howard Iron Works, Buffalo, N. Y.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Otis Bros. & Co., 38 Park Row, New York.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.
San Francisco Tool Wks., 11 Stevenson St., San Fran., Cal.
Springfield Foundry Co., Springfield, Mass.
Stokes & Parrish Elevator Co., 702 Bullitt Bldg., Phila., Pa.
Warner Elevator Mfg. Co., Spring Grove Av., Cincinnati, O.
Whittier Machine Co., 53 State St., Boston, Mass.

K. QUICKSILVER ELEVATORS.
Edward P. Allis Co., Milwaukee, Wis.

L. SIDEWALK ELEVATORS.
J. B. & J. M. Cornell, 143 Centre St., New York.
Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
Thos. Dimond, 128 W. 33d St., New York.
Graves Elevator Co., Rochester, N. Y.
Jackson Arch. Iron Works, 315 E. 28th St., New York.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.

M. STEAM HOD ELEVATORS.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.

N. STEAM POWER ELEVATORS.
Crane Elevator Co., 219 Jefferson St., Chicago, Ill.
Joseph Edwards & Co., 412 Water St., New York.
Fairmount Machine Co., 22d & Wood Sts., Philadelphia, Pa.
Graves Elevator Co., Rochester, N. Y.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
E. D. Jones & Sons Co., Pittsfield, Mass.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kimball Bros., Council Bluffs, Iowa.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.
Smith-Hill Elevator Co., Quincy, Ill.
Warner Elevator Mfg. Co., Spring Grove Av., Cincinnati, O.
Whittier Machine Co., 53 State St., Boston, Mass.

O. STREET CAR ELEVATORS.
Graves Elevator Co., Rochester, N. Y.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Phoenix Iron Foundry, Providence, R. I.
Springfield Foundry Co., Springfield, Mass.

P. SUGAR ELEVATORS.
American Tool & Machine Co., 109 Beach St., Boston, Mass.

Q. WAREHOUSE ELEVATORS.
Cardwell Machine Co., Richmond, Va.
Graves Elevator Co., Rochester, N. Y.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
J. W. Reedy Elevator Mfg. Co., 91 Illinois St., Chicago, Ill.

R. WATER ELEVATORS.
S. E. Crawford, Norwalk, O.

1338. GRAIN ELEVATOR MACHINERY.

Barry-Wehmiller Mchnry. Co., 21st & Walnut, St. Louis, Mo.
Diamond Iron Works, Minneapolis, Minn.
Dodge Mfg. Co., Mishawaka, Ind.
Great Western Mfg. Co., Leavenworth, Kan.
E. H. Pease Mfg. Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.

A. GRAIN CAR LOADERS.
Great Western Mfg. Co., Leavenworth, Kan.
E. H. Pease Mfg. Co., Racine, Wis.
Webster Mfg. Co., 1095 W. 15th St., Chicago, Ill.

B. GRAIN ELEVATOR MATERIALS.
R. R. Howell & Co., Minneapolis, Minn.
Nordyke & Marmon Co., Indianapolis, Ind.

John T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.

C. GRAIN ELEVATORS.
Advance Thresher Co., Battle Creek, Mich.
Barnett & Record Co., Minneapolis, Minn.
Leonard D. Harrison, New Haven, Conn.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.
Riter-Conly Co., Pittsburg, Pa.
United States Wind Engine & Pump Co., Batavia, Ill.

D. GRAIN SHOVELS.
Howard Iron Works, Buffalo, N. Y.

E. GRAIN SHOVELS, AUTOMATIC POWER.
Great Western Mfg. Co., Leavenworth, Kan.
G. W. & C. A. Lane, Exeter, N. H.

F. GRAIN SHOVELS, POWER.
R. R. Howell & Co., Minneapolis, Minn.
C. W. Hunt Co., 45 Broadway, New York.
Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.

G. GRAIN SPOUTS.
E. H. Pease Mfg. Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.

H. TRIPPING MACHINES.
Robt. Poole & Son Co., Baltimore, Md.

1339. GRAPPLE HOOKS.
Geo. M. Stanwood & Co., Portland, Me.
Stearns Mfg. Co., Erie, Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

A. BARREL HOOKS.
Lansing Wheelbarrow Co., Lansing, Mich.
Thos. Laughlin Co., Portland, Me.
Geo. M. Stanwood & Co., Portland, Me.
Wm. T. Wood & Co., Arlington, Mass.

1340. HOISTING AND HANDLING MACHINES.
Chain Belt Co., Milwaukee, Wis.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

A. CHAIN HOISTING TACKLE.
Chain Belt Co., Milwaukee, Wis.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
C. W. Hunt Co., 45 Broadway, New York.
Jackson Mfg. Co., Harrisburg, Pa.

B. COAL & ORE HANDLING MACHINERY.
Webster, Camp & Lane Machine Co., Akron, O.

C. COAL HOISTING & HANDLING MACHINES.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Chisholm Steel Shovel Works, Cleveland, O.
W. J. Clark Co., Salem, O.
Diamond Iron Works, Minneapolis, Minn.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8.
C. W. Hunt Co., 45 Broadway, New York.
Jeffrey Mfg. Co., Columbus, O.
Rawson & Morrison Mfg. Co., Boston, Mass.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. COAL TIPPLES.
Jeffrey Mfg. Co., Columbus, O.

E. DEEP MINE HOISTING MACHINERY.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Vulcan Iron Works, Wilkes-Barre, Pa.

F. GAUGE CHAIN.
Yale & Towne Mfg. Co., Stamford, Conn.

G. HOISTING MACHINE WHEELS.
New York Car Wheel Works, Buffalo, N. Y.

H. HOISTING TACKLE ACCESSORIES.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.

I. ORE HOISTING & HANDLING MACHINES.
Chisholm Steel Shovel Works, Cleveland, O.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
P. H. Glatfelter, Spring Forge, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Ottumwa Iron Works, Ottumwa, Iowa.

J. STONE HOISTING & HANDLING MACHINERY.
Robt. Poole & Son Co., Baltimore, Md.
St. Albans Foundry Co., St. Albans, Vt.
Vulcan Iron Works, Wilkes-Barre, Pa.

1341. HOISTING CRANKS.
Vermont Farm Machine Co., Bellows Falls, Vt.

1342. HOISTING MACHINERY.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Thos. Carlin's Sons, Allegheny, Pa.
Case Mfg. Co., Columbus, O.
Hersey Mfg. Co., S. Boston, Mass.

Howard Foundry & Mach. Wks., 17 S. 18th Sts., Phila., Pa.
Lincoln Iron Works, Rutland, Vt.
Matteson-Williamson Mfg. Co., Stockton, Cal.
Stearns-Rogers Mfg. Co., Denver, Col.

A. BELL POWER HOISTING MACHINES.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.

B. FRICTION HOISTING MACHINES.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Hersey Mfg. Co., S. Boston, Mass.
J. L. Mundy, Newark, N. J.

C. HAND POWER HOISTING MACHINES.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.

D. HORSE POWER HOISTING MACHINES.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.
P. K. Dederick's Sons, Albany, N. Y.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

E. STEAM POWER HOISTING MACHINES.
Brown Hoisting & Conveying Mach. Co., Cleveland, O.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Cardwell Machine Co., Richmond, Va.
Chisholm Steel Shovel Works, Cleveland, O.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.
Thomas Crow, Denver, Col.
Eastern Machinery Co., New Haven, Conn.
Fairmount Park Machine Co., 22d & Market Sts., Phila., Pa.
Fraser & Chalmers, Union & Fulton St., Chicago, Ill.
Globe Iron Works Co., Centre & Spruce Sts., Cleveland, O.
C. W. Hunt Co., 45 Broadway, New York.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Marshall Bros., Pittsburg, Pa.
J. & J. B. Milholland, Pittsburg, Pa.
Morse, Williams & Co., 1105 Frankford Av., Philadelphia, Pa.
J. L. Mundy, Newark, N. J.
Osgood Dredge Co., Albany, N. Y.
Otis Bros., 38 Park Row, New York.
Ottumwa Iron Works, Ottumwa, Iowa.
Pacific Iron Works, Bridgeport, Conn.
Pond Machine Tool Co., 111 Liberty St., New York.
James Rees & Sons Co., Pittsburg, Pa.
Stokes & Parrish Elevator Co., Bullitt Bldg., Phila., Pa.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster, Camp & Lane Machine Co., Akron, O.

1343. HOISTING MACHINERY, COAL.

M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
C. W. Hunt Co., 45 Broadway, New York.
Link Belt Engineering Co., Nicetown, Philadelphia, Pa.
Litchfield Car Works, Litchfield, Ill.
Ottumwa Iron Works, Ottumwa, Iowa.
Vulcan Iron Works, Wilkes-Barre, Pa.

A. AUTOMATIC COAL CHUTES.
Williams, White & Co., Moline, Ill.

B. CHUTE GUIDES.
Dickson Mfg. Co., Scranton, Pa.

C. COAL CHUTES.
Dickson Mfg. Co., Scranton, Pa.
C. W. Hunt Co., 45 Broadway, New York.
Kenney & Co., Scottdale, Pa.
Lansing Wheelbarrow Co., Lansing, Mich.
Wheeling Hinge Co., Wheeling, W. Va.

D. COAL ELEVATOR CARS.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Stacy Mfg. Co., 239 Hill St., Cincinnati, O.

E. COAL LOADERS.
Ottumwa Iron Works, Ottumwa, Iowa.

F. HOISTING TUBS.
F. H. Evans, 596 Kent Av., Brooklyn, N. Y.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
C. W. Hunt Co., 45 Broadway, New York.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
G. L. Stuebner, Long Island City, N. Y.

G. HOISTING TUBS, STEEL.
W. J. Clark Co., Salem, O.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
G. L. Stuebner, Long Island City, N. Y.

H. SELF DUMPING TUBS.
Thos. Carlin's Sons, Allegheny, Pa.
W. J. Clark Co., Salem, O.

P. K. Dederick's Sons, Albany, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Nelsonville Foundry & Machine Co., Nelsonville, O.
Pittsburgh Bridge Co., 38th St., Pittsburg, Pa.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Sharon Boiler Works, Ltd., Sharon, Pa.
G. L. Stuebner, Long Island City, N. Y.

I. SELF-FILLING TUBS. Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
C. W. Hunt Co., 45 Broadway, New York.

1344. HOISTS.

Thomas Carlin's Sons, Allegheny, Pa.
Howard Foundry & Machine Wks., 17 S. 18th St., Phila., Pa.
Jeffrey Mfg. Co,. Columbus, O.
Warner Elevator Mfg. Co., Cincinnati, O.

A. AMMUNITION HOISTS. Thomas Carlin's Sons, Allegheny, Pa.
B. BUILDERS' HOISTS. Adrian Brick & Tile Machinery Co., Adrian, Mich.
C. CARRIAGE HOISTS. Warner Elevator Mfg. Co., Cincinnati, O.
D. CHAIN HOISTS. Chisholm & Moore Mfg. Co., Cleveland, O.
Empire Engine & Motor Co., Orangeburg, N. Y.
E. ELEVATOR HOISTS. Byram & Co., Detroit, Mich.
F. FRENCH HOISTS. Contractors' Plant Mfg. Co., Buffalo, N. Y.
G. FRICTION HOISTS. Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Hersey Mfg. Co., S. Boston, Mass.
Morris County Machine & Iron Co., Dover, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.
H. FURNACE HOISTS. Byram & Co., Detroit, Mich.
Otis Bros. & Co., 38 Park Row, New York.
Stokes & Parrish Elevator Co., Bullitt Bldg., Phila., Pa.
I. GATE HOISTS. Chase Turbine Mfg. Co., Orange, Mass.
Robt. Poole & Son Co., Baltimore, Md.
J. HAND HOISTS. Boston & Lockport Block Co., 142 Commer'l St., Bos., Mass.
Alfred Box & Co., 813 N. Front St., Philadelphia, Pa.
Chisholm & Moore Mfg. Co., Cleveland, O.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Yale & Towne Mfg. Co., Stamford, Conn.
K. HAND HOISTS, PORTABLE. Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
L. HOG HOISTS. Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.
M. HORSE HOISTS. P. K. Dederick's Sons, Albany, N. Y.
N. HORSE POWER HOISTS. Contractors' Plant Mfg. Co., Buffalo, N. Y.
P. K. Dederick's Sons, Albany, N. Y.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
J. H. Montgomery Machinery Co., Denver, Col.
O. MINING HOISTS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Kenney & Co., Scottdale, Pa.
Stokes & Parrish Elevator Co., Bullitt Bldg., Phila., Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
P. MINING HOISTS, GASOLINE. Frontier Iron Works, Detroit, Mich.
Q. MINING HOISTS, HORSE POWER. Contractors' Plant Mfg. Co., Buffalo, N. Y.
Crawford & McCrimmon, Brazil, Ind.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.
R. OUTRIGGER HOISTS. Yale & Towne Mfg. Co., Stamford, Conn.
S. PNEUMATIC HOISTS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Clayton Air Compressor Wks., 26 Cortlandt St., New York.
Curtis & Co., Mfg. Co., St. Louis, Mo.
Dickson Mfg. Co., Scranton, Pa.
Craig Ridgway & Son, Coatesville, Pa.
Stow Flexible Shaft Co., 26th St., Philadelphia, Pa.
Whiting Foundry Equipment Co., Harvey, Ill.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
T. PORTABLE HOISTS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
James P. Dunn, Cleveland, O.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Watson, Stillman Co., 204 E. 43d St., New York.
U. QUARRY HOISTS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Ottumwa Iron Works, Ottumwa, Iowa.
V. RIVETERS' HOISTS. Wm. Sellers & Co., Inc., 1600 Hamilton Av., Phila., Pa.
W. ROPE HOISTS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Hersey Mfg. Co., S. Boston, Mass.
X. SAFETY DOUBLE LIFTS. Yale & Towne Mfg. Co., Stamford, Conn.

Y. SCREW PULLEY HOISTS.	Alfred Box & Co., 813 N. Front St., Philadelphia, Pa.
	E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Z. STEAM HOISTS.	M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Ottumwa Iron Works, Ottumwa, Iowa.
1345. HOISTS, ELECTRIC.	Chisholm & Moore Mfg. Co., Cleveland, O.
	Thos. H. Dallett & Co., York St. & Sedgley Av., Phila., Pa.
	Genl. Electric Co., Schenectady, N. Y.
	E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
	Pawling & Harnischfeger, Milwaukee, Wis.
	Rawson & Morrison Mfg. Co., Boston, Mass.
	Stearns-Rogers Mfg. Co., Denver, Col.
	Webster, Camp & Lane Machine Co., Akron, O.
1346. HOOKS, HOIST.	Keystone Drop Forge Co., 20th St., Philadelphia, Pa.
1347. HORSE LOADERS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
1348. JACKS.	E. B. Adams & Son, Racine, Wis.
	Fairbanks Co., 311 Broadway, New York.
	Fort Scott Foundry & Mach. Co., Fort Scott, Kan.
	Henry H. Harvey, 105 High St., Boston, Mass.
	Joyce-Cridland Co., Dayton, O.
	Marseilles Mfg. Co., Marseilles, Ill.
	Rumsey & Co., Ltd., Seneca Falls, N. Y.
A. BRIDGE JACKS.	Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
B. CAR JACKS.	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Joyce-Cridland Co., Dayton, O.
	A. O. Norton, 167 Oliver St., Boston, Mass.
	Pearson Jack Co., Boston, Mass.
	Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
	Springfield Foundry Co., Springfield, Mass.
C. CARRYING JACKS.	Illinois Iron & Bolt Co., Carpentersville, Ill.
	A. O. Norton, 167 Oliver St., Boston, Mass.
	Pearson Jack Co., Boston, Mass.
D. HORSE POWER JACKS.	S. Freeman & Sons Mfg. Co., Racine, Wis.
	R. R. Howell & Co., Minneapolis, Minn.
	Silver Mfg. Co., Salem, O.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
E. HYDRAULIC JACKS.	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Cyrus Currier & Sons, Newark, N. J.
	Dickson Mfg. Co., Scranton, Pa.
	Richard Dudgeon, 24 Columbia St., New York.
	S. C. Forsaith Mach. Co., Manchester, N. H.
	Joyce-Cridland Co., Dayton, O.
	Walker Co., Cleveland, O.
	Watson-Stillman Co., 204 E. 43d St., New York.
F. HYDROSTATIC JACKS.	Watson-Stillman Co., 204 E. 43d St., New York.
G. JACK SCREWS.	Baker Mfg. Co., Evansville, Wis.
	Belleville Pump & Skein Works, Belleville, Ill.
	Contractors' Plant Mfg. Co., Buffalo, N. Y.
	Dickson Mfg. Co., Scranton, Pa.
	M. A. Furbush & Son. Mach. Co., 224 Market St., Phila., Pa.
	Gould Mfg. Co., Seneca Falls, N. Y.
	R. R. Howell & Co., Minneapolis, Minn.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Joyce-Cridland Co., Dayton, O.
	Lombard Iron Works & Supply Co., Augusta, Ga.
	Miller's Falls Co., Miller's Falls, Mass.
	Munnesville Plow Co., Munnesville, N. Y.
	Pearson Jack Co., Boston, Mass.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Rumsey & Co., Ltd., Seneca Falls, N. Y.
	Springfield Foundry Co., Springfield, Mass.
	E. C. Stearns & Co., Syracuse, N. Y.
	Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
	Watson-Stillman Co., 204 E. 43d St., New York.
H. JACK SCREWS, HOUSE RAISING.	Illinois Iron & Bolt Co., Carpentersville, Ill.
I. JACK SCREWS, LOCOMOTIVE.	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Joyce-Cridland Co., Dayton, O.
	A. O. Norton, 167 Oliver St., Boston, Mass.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Weiler & Barth Mfg. Co., Milwaukee, Wis.
J. JACK SCREWS, TRACK	Buda Foundry & Mfg. Co., Harvey, Ill.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Joyce-Cridland Co., Dayton, O.
	A. O. Norton, 167 Oliver St., Boston, Mass.
	Weiler & Barth Mfg. Co., Milwaukee, Wis.

K. JACK SCREWS, TRAVERSING.	Joyce-Cridland Co., Dayton, O.
	A. O. Norton, 167 Oliver St., Boston, Mass.
L. LEVER JACKS.	Bagley & Sewell Co., Watertown, N. Y.
	Dayton Malleable Iron Co., Dayton, O.
	Joyce-Cridland Co., Dayton, O.
	A. O. Norton, 167 Oliver St., Boston, Mass.
	Railway Speed & Recorder Co., Kent, O.
	Springfield Foundry Co., Springfield, Mass.
	Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
	Watson-Stillman Co., 204 E. 43d St., New York.
	Weiler & Barth Mfg. Co., Milwaukee, Wis.
M. LIFTING JACKS.	Anderson Pole & Shaft Co., Anderson, Ind.
	Contractors' Plant Mfg. Co., Buffalo, N. Y.
	F. M. Deweese, Chillicothe, O.
	S. C. Forsaith Mach. Co., Manchester, N. H.
	R. R. Howell & Co., Minneapolis, Minn.
	Joyce-Cridland Co., Dayton, O.
	A. O. Norton, 167 Oliver St., Boston, Mass.
	Pearson Jack Co., Boston, Mass.
	Reeves & Co., Inc., Columbus, Ind.
	Sutton Bros. & Bell, Indiana, Pa.
N. POWER JACKS.	Appleton Mfg. Co., Batavia, Ill.
	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
	Duff Mfg. Co., Allegheny, Pa.
	Joliet Mfg. Co., Joliet, Ill.
	Sandwich Mfg. Co., Sandwich, Ill.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
	Verona Tool Works, Pittsburg, Pa.
O. PULLING JACKS.	Joyce-Cridland Co., Dayton, O.
	Watson-Stillman Co., 204 E. 43d St., New York.
P. RATCHET JACKS.	Illinois Iron & Bolt Co., Carpentersville, Ill.
	A. O. Norton, 167 Oliver St., Boston, Mass.
	Pearson Jack Co., Boston, Mass.
Q. SPEED JACKS.	Appleton Mfg. Co., Batavia, Ill.
	Blymyer Iron Works Co., Cincinnati, O.
	Sandwich Mfg. Co., Sandwich, Ill.
	J. K. Wilder & Sons, Monroe, Mich.
R. TRIPOD JACKS.	Illinois Iron & Bolt Co., Carpentersville, Ill.
1349. UNLOADERS, BALLAST.	
	Industrial Works, Bay City, Mich.
	Lidgerwood Mfg. Co., 96 Liberty St., New York.
	Marion Steam Shovel Co., Marion, O.
1350. WHARF DROPS.	American Ship Windlass Co., Providence, R. I.
1351. WINCHES.	American Ship Windlass Co., Providence, R. I.
	Case Mfg. Co., Columbus, O.
	Dickson Mfg. Co., Scranton, Pa.
	Edson Mfg. Co., 312 Commercial St., Boston, Mass.
	Globe Iron Works Co., Cleveland, O.
	Henry H. Harvey, 105 High St., Boston, Mass.
	Risdon Iron & Locomotive Works, San Francisco, Cal.
	Albert Russell & Sons, Newburyport, Mass.
A. BARGE WINCHES.	American Ship Windlass Co., Providence, R. I.
B. BOAT LOWERING WINCHES.	American Ship Windlass Co., Providence, R. I.
	Thomas Carlin's Sons, Allegheny, Pa.
C. CRABS, HAND.	Brennan & Co., Louisville, Ky.
D. HOISTING CRABS.	Wm. H. Anderson & Sons, Detroit, Mich.
	Thomas Carlin's Sons, Detroit, Mich.
E. HORSE POWER CRABS.	Whiting Foundry Equipment Co., Harvey, Ill.
F. SAFETY CRABS.	Yale & Towne Mfg. Co., Stamford, Conn.
G. TANNERS' WINCHES.	Thomas Carlin's Sons, Allegheny, Pa.
1352. WINDLASSES.	American Ship Windlass Co., Providence, R. I.
	T. H. Brady, New Britain, Conn.
	Thomas Carlin's Sons, Allegheny, Pa.
	Edson Mfg. Co., 132 Commercial St., Boston, Mass.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Globe Iron Works Co., Cleveland, O.
	Kelly & Taneyhill, Waterloo, Iowa.
	Thos. Laughlin, Portland, Me.
	Providence Steam Engine Co., Providence, R. I.
	Albert Russell & Sons, Newburyport, Mass.

METAL WORKING.

1353. AUTOMATIC METAL WORKING MACHINERY.
Frank L. Ludington, Waterbury, Conn.

1354. AXE MACHINERY.
Birmingham Iron Foundry, Derby, Conn.
Mohawk & Hudson Mfg. Co., Waterford, N. Y.

1355. BAR CUTTERS.
Buffalo Forge Co., Buffalo, N. Y.

1356. BENDING MACHINERY.
Fulton Iron & Engine Works, Detroit, Mich.
Hurlbut Co., Racine, Wis.
National Machinery Co., Tiffin, O.
Pittsburg Mfg. Co., Pittsburg, Pa.
E. S. Stiles Press Co., Watertown, N. Y.
Wiley & Russell Mfg. Co., Greenfield, Mass.
Williams, White & Co., Moline, Ill.

A. BENDING ROLLS.
A. J. Beckley & Co., Garwood, N. J.
Duquesne Forge Co., Rankin, Pa.
New Doty Mfg. Co., Janesville, Wis.

B. EYE BENDING MACHINES.
Williams, White & Co., Moline, Ill.

C. HYDRAULIC BENDERS.
Watson-Stillman Co., 204 E. 43d St., New York.

D. PLATE BENDING ROLLS.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Dickson Mfg. Co., Scranton, Pa.
Hilles & Jones, Wilmington, Del.
New Doty Mfg. Co., Janesville, Wis.
Niles Tool Works Co., Hamilton, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Whitcomb Mfg. Co., Worcester, Mass.
Wickes Bros., Saginaw, Mich.

E. VERTICAL BENDING ROLLS.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

1357. BOILER SHOP MACHINERY.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Fitchburg Machine Works, Fitchburg, Mass.
Niles Tool Works Co., Hamilton, O.
Walker Co., Cleveland, O.

1358. BOLT MACHINERY.
Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Cleveland, O.
American Bolt Co., Lowell, Mass.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
O. C. Burdict, Buffalo, N. Y.
Detrick & Harvey Mach. Co., Baltimore, Md.
Gould & Eberhardt, Newark, N. J.
Howard Iron Works, Buffalo, N. Y.
Jones & Lamson Mach. Co., Springfield, Vt.
National Machinery Co., Tiffin, O.
Niles Tool Works Co., Hamilton, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Mfg. Co., Pittsburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
J. H. Sternbergh & Son, Reading, Pa. *33
Williams, White & Co., Moline, Ill.

A. BOLT CLIPPERS.
Chain Belt Co., Milwaukee, Wis.
Chambers Bros. Co., N. 52d St. & Lancaster Av., Phila., Pa.
Henry K. Porter, 66 Beverly St., Boston, Mass.
P. D. Randall & Son, Troy, N. Y.
Wiley & Russell Mfg. Co., Greenfield, Mass.

B. BOLT CUTTER HEADS.
National Machinery Co., Tiffin, O.

C. BOLT CUTTER HOBS.
Helwig Mfg. Co., St. Paul, Minn.
Putnam Machine Co., Fitchburg, Mass.
Wells Bros. & Co., Greenfield, Mass.

D. BOLT CUTTERS.
Acme Machinery Co., Cleveland, O.
Boynton & Plummer, Worcester, Mass.
Brass & Iron Works Co., Fostoria, O.
H. B. Brown & Co., E. Hampton, Conn.
Chain Belt Co., Milwaukee, Wis.
Columbus Machine Co., Columbus, O.
S. C. Forsaith Machine Co., Manchester, N. H.
Garvin Machine Co., Spring & Varick Sts., New York.
Howard Iron Works, Buffalo, N. Y.
National Machinery Works, Tiffin, O.
New Haven Mfg. Co., New Haven, Conn.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
J. H. Sternbergh & Son, Reading, Pa. *33

Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

E. BOLT FORGING MACHINES.
Acme Machinery Co., Cleveland, O.
S. C. Forsaith Machine Co., Manchester, N. H.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Providence Steam Engine Co., Providence, R. I.

F. BOLT HEADERS.
Acme Machinery Co., Cleveland, O.
Baush & Harris Machine Tool Co., Springfield, Mass.
S. C. Forsaith Machine Co., Manchester, N. H.
McMyler Mfg. Co., Cleveland, O.
National Machinery Co., Tiffin, O.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
J. H. Sternbergh & Son, Reading, Pa. *33
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.
Wells Bros. & Co., Greenfield, Mass.

G. BOLT HEAD SHAVERS.
National Machinery Co., Tiffin, O.

H. BOLT POINTERS.
Acme Machinery Co., Cleveland, O.
Detrick & Harvey Machine Co., Baltimore, Md.
National Machinery Co., Tiffin, O.
Niles Tool Works Co., Hamilton, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
J. H. Sternbergh & Son, Reading, Pa. *33

I. BOLT THREADERS.
Acme Machinery Co., Cleveland, O.
H. B. Brown & Co., E. Hampton, Conn.
H. L. Chapman, Marcellus, Mich.
Detrick & Harvey Machine Co., Baltimore, Md.
Hart Mfg. Co., Cleveland, O.
National Machinery Co., Tiffin, O.
Niles Tool Works Co., Hamilton, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
D. Saunder's Sons, Yonkers, N. Y.
J. H. Sternbergh & Son, Reading, Pa. *33
Webster & Perks Tool Co., Springfield, O.
Wells Bros. & Co., Greenfield, Mass.

J. BOLT UPSETTERS.
Acme Machinery Co., Cleveland, O.
Fulton Iron & Engine Works, Detroit, Mich.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.

K. EYE BOLT MACHINES.
Williams, White & Co., Moline, Ill.

1359. BOLT THREADING & NUT TAPPING ATTACHMENTS.
D. Saunder's Sons, Yonkers, N. Y.

1360. BORING MACHINES, METAL.

A. AXLE BEARING BORING MACHINES.
Detrick & Harvey Mach. Co., Baltimore, Md.

B. BORING & TURNING MACHINES, VERTICAL.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
Bullard Machine Tool Works, Bridgeport, Conn.
New Haven Mfg. Co., New Haven, Conn.
Niles Tool Works Co., Hamilton, O.

C. BORING & TURNING MILLS.
American Tool Works Co., Cincinnati, O.
Baush & Harris Machine Tool Co., Springfield, Mass.
Bickford Drill & Tool Co., Cincinnati, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

D. BORING BARS.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
Niles Tool Works Co., Hamilton, O.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.

E. BORING MILLS.
A. Bickford, Lakeport, N. H.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Pond's Mach. Mfrs. Tool Co., Plainfield, N. J.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

F. BORING MILLS, HORIZONTAL.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
R. Blaisdell Co., Worcester, Mass.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Draper Mach. Tool Co., Worcester, Mass.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

G. CAR BOX BORING MACHINES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Detrick & Harvey Machine Co., Baltimore, Md.

H. CAR WHEEL BORING MACHINES.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
Betts Machine Co., Wilmington, Del.
Niles Tool Works Co., Hamilton, O.
Pond's Machine Mfrs. Tool Co., Plainfield, N. J.
Putnam Machine Co., Fitchburg, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

I. CHORD BORING MACHINES.
Niles Tool Works Co., Hamilton, O.

J. CRANK BORING MACHINES.
Niles Tool Works Co., Hamilton, O.

K. CYLINDER BORING MACHINES.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
Betts Machine Co., Wilmington, Del.
Meadville Vise Co., Meadville, Pa.
Newton Mach. Tool Works, 2347 Vine St., Phila., Pa.
Niles Tool Works Co., Hamilton, O.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

L. PORTABLE BORING MACHINES.
Stow Flexible Shaft Co., N. 26th St., Philadelphia, Pa.
Stow Mfg. Co., Binghamton, N. Y. *18

M. TURRET BORING MACHINES.
Niles Tool Works Co., Hamilton, O.

N. UNIVERSAL BORING MACHINES.
Niles Tool Works Co., Hamilton, O.

1361. BOSSES.
Chester Steel Castings Co., 407 Library St., Phila., Pa.

1362. BRASS WORKING MACHINERY.
Bullard Machine Tool Works, Bridgeport, Conn.
Jones & Lamson Machine Co., Springfield, Vt.
Lodge & Shipley Mach. Tool Co., Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.

A. BRASS WORKERS' TOOLS.
American Tool & Machine Co., Boston, Mass.
Gage Machine Works, Waterford, N. Y.
Warner & Swasey, Cleveland, O.

B. BRASS WORKING BARRELS.
Barnes Mfg. Co., Mansfield, O.

1363. BRIDGE WORK MACHINERY.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
Betts Machine Co., Wilmington, Del.
Niles Tool Works Co., Hamilton, O.
Townsend Furnace & Machine Shop Co., Albany, N. Y.
Vulcan Iron Works, 59 Milwaukee Av., Chicago, Ill.

A. BRIDGE BUILDERS' TOOLS.
Hills & Jones, Wilmington, Del.

1364. BUCKLE TONGUE MACHINES.
F. B. Shuster Co., New Haven, Conn.

1365. CAR BUILDERS' MACHINERY.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
J. A. Fay & Egan Co., Cincinnati, O.
Niles Tool Works Co., Hamilton, O.
S. A. Wood Mach. Co., South Boston, Mass.

1366. CAR LINK & PIN MACHINES.
National Machinery Co., Tiffin, O.

1367. CENTERING MACHINES.
Gould & Eberhardt, Newark, N. J.
New Haven Mfg. Co., New Haven, Conn.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
D. E. Whiton Mach. Co., New London, Conn.

A. BENCH CENTERS.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

1368. CHUCKING MACHINES.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bullard Machine Tool Wks., Bridgeport, Conn.
Garvin Machine Co., Spring & Varick Sts., New York.
Jones & Lamson Mach. Co., Springfield, Vt.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.

1369. COLD SAWING MACHINES.
Newton Machine Tool Works, 234 Vine St., Philadelphia, Pa.

1370. COUNTERSINKING MACHINES, RADIAL.
Detrick & Harvey Machine Co., Baltimore, Md.

1371. CRANK SHAFTING MACHINES.
R. A. Kelly Co., Xenia, O.

1372. CUTLERY MACHINERY.
Norwood Engineering Co., Florence, Mass.

1373. CUTTING-OFF MACHINES.
Betts Machine Co., Wilmington, Del.
Dwight Slate Machine Co., Hartford, Conn.
Hurlbut, Rogers Machine Co., South Sudbury, Mass.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

A. CUTTING-OFF TOOLS.
Pratt & Whitney Co., Hartford, Conn.
Skinner Chuck Co., New Britain, Conn.

1374. DIE SINKING MACHINES.
Newton Machine Tool Wks., Inc., 2347 Vine St., Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

1375. DISK CUTTERS.
Leavitt Machine Co., Orange, Mass.

1376. DRAW BENCH MACHINERY.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

A. HYDRAULIC DRAW BENCHES.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

1377. DRILLING & TAPPING ATTACHMENTS.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

1378. DRILLING MACHINES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Boynton & Plummer, Worcester, Mass.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Geo. Burnham Co., Worcester, Mass.
Newton Machine Tool Wks., Inc., 2347 Vine St., Phila., Pa.
Prentice Bros., Worcester, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Sibley & Ware, South Bend, Ind.
Wells Bros. & Co., Greenfield, Mass.

A. ARCH BAR DRILLING MACHINES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Niles Tool Works Co., Hamilton, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

B. AUTOMATIC DRILLS.
Baush & Harris Machine Tool Co., Springfield, Mass.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Dwight Slate Machine Co., Hartford, Conn.
Garvin Machine Co., Spring & Varick Sts., New York.
J. H. Hoague, Chicopee, Mass.
Niles Tool Works Co., Hamilton, O.
Norton & Jones Machine Tool Works, Plainville, Conn.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros., Worcester, Mass.
San Francisco Tool Works, San Francisco, Cal.
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

C. BENCH DRILLS.
W. F. & John Barnes Co., Rockford, Ill.
Dwight Slate Machine Co., Hartford, Conn.
Garvin Machine Co., Spring & Varick Sts., New York.
W. W. Oliver, Buffalo, N. Y.
L. H. Olmsted, Hasbrouck Heights, N. J.
Pratt & Whitney Co., Hartford, Conn.
E. C. Stearns & Co., Syracuse, N. Y.

D. BLACKSMITHS' DRILL PRESSES.
Buffalo Forge Co., Buffalo, N. Y.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Pratt & Whitney Co., Hartford, Conn.
Silver Mfg. Co., Salem, O.

E. BOILER SHELL DRILLS.
Silver Mfg. Co., Salem, O.

F. BREAST DRILLS.
H. S. Bartholomew, Bristol, Conn.
John S. Fray & Co., Bridgeport, Conn.
Miller's Falls Co., Miller's Falls, Mass.
Seymour Smith & Son, Oakville, Conn.
West Mfg. Co., Buffalo, N. Y.

G. BUTT DRILLING MACHINES.
F. B. Shuster Co., New Haven, Conn.

H. COMBINED DRILL & TAPPING MACHINES.
Baush & Harris Machine Tool Co., Springfield, Mass.
Gould & Eberhardt, Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.

I. DRILLING & COUNTERSINKING MACHINES.
Baush & Harris Machine Tool Co., Springfield, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
F. B. Shuster Co., New Haven, Conn.

J. DRILLING MACHINES, ELECTRIC.
Edison Mfg. Co., 1137 Broadway, New York.
Stow Mfg. Co., Binghamton, N. Y. *18

K. DRILL PRESSES.
Baker Bros., Toledo, O.
W. F. & John Barnes Co., Rockford, Ill.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
M. L. Edwards Co., Salem, O.
Fitchburg Machine Works, Fitchburg, Mass.
S. C. Forsaith Machine Co., Manchester, N. H.

	Garvin Machine Co., Spring & Varick Sts., New York.
	Gould & Eberhardt, Newark, N. J.
	Hamilton Machine Tool Co., Hamilton, O.
	E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
	Lodge & Shipley Machine Tool Co., Cincinnati, O.
	New Haven Mfg. Co., New Haven, Conn.
	Newton Machine Tool Wks., Inc., 2347 Vine St., Phila., Pa.
	Niles Tool Works Co., Hamilton, O.
	John S. Oram, Cleveland, O.
	David H. Potts, Lancaster, Pa.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
	Silver Mfg. Co., Salem, O.
	Vanderbeck Tool Works, Hartford, Conn.
L. GOOSENECK DRILLS.	P. Blaisdell & Co., Worcester, Mass.
	Putnam Machine Co., Fitchburg, Mass.
M. GUN BARREL DRILLING MACHINES.	Pratt & Whitney Co., Hartford, Conn.
N. HAND DRILLS.	Buffalo Forge Co., Buffalo, N. Y.
	Geo. Burnham Co., Worcester, Mass.
	Champion Blower & Forge Co., Lancaster, Pa.
	Thos. H. Dallett & Co., York, c. Sedgley St., Phila., Pa.
	M. L. Edwards Co., Salem, O.
	J. A. Everitt, Seedsman, Inc., Indianapolis, Ind.
	Foos Mfg. Co., Springfield, O.
	John S. Fray & Co., Bridgeport, Conn.
	Howell's Mining Drill Co., Plymouth, Pa.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	Miller's Falls Co., Miller's Falls, Mass.
	North Bros. Mfg. Co., Lehigh Av. & American St., Phil., Pa.
	Rutschman Bros., 423 Berk St., Philadelphia, Pa.
	Tower & Lyon, 95 Chambers St., New York.
O. HORIZONTAL DRILLING MACHINES.	Baush & Harris Machine Tool Co., Springfield, Mass.
	Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
	Betts Machine Co., Wilmington, Del.
	Detrick & Harvey Machine Co., Baltimore, Md.
	Fitchburg Machine Works, Fitchburg, Mass.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Niles Tool Works Co., Hamilton, O.
	Pawling & Harnischfeger, Milwaukee, Wis.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
P. LINK DRILLING MACHINES.	Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
	Putnam Machine Co., Fitchburg, Mass.
Q. MULTIPLE SPINDLE DRILLS.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
	Baush & Harris Machine Tool Co., Springfield, Mass.
	Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
	Bickford Drill & Tool Co., Cincinnati, O.
	Dwight Slate Machine Co., Hartford, Conn.
	Gould & Eberhardt, Newark, N. J.
	Newton Machine Tool Wks., 2347 Vine St., Phila., Pa.
	Niles Tool Works Co., Hamilton, O.
	Norton & Jones Machine Tool Works, Plainville, Conn.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
	F. B. Shuster Co., New Haven, Conn.
	Williams, White & Co., Moline, Ill.
R. PIPE DRILLING MACHINES.	Coffin Valve Co., Neponset, Mass.
S. PORTABLE DRILLS.	Thos. H. Dallett & Co., York, c. Sedgley St., Phila., Pa.
	Stow Mfg. Co., Binghamton, N. Y. *18
T. PORTABLE POWER DRILLS.	Stow Flexible Shaft Co., Ltd., N. 26th St., Philadelphia, Pa.
	Stow Mfg. Co., Binghamton, N. Y. *18
U. POST DRILLS.	Illinois Iron & Bolt Co., Carpentersville, Ill.
V. RADIAL DRILLS.	W. F. & John Barnes Co., Rockford, Ill.
	Baush & Harris Machine Tool Co., Springfield, Mass.
	Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
	Betts Machine Co., Wilmington, Del.
	Bickford Drill & Tool Co., Cincinnati, O.
	Detrick & Harvey Machine Co., Baltimore, Md.
	Dreses, Mueller & Co., Cincinnati, O.
	Fitchburg Machine Works, Fitchburg, Mass.
	S. C. Forsaith Machine Co., Manchester, N. H.
	Wm. E. Gang & Co., Cincinnati, O.
	Hamilton Machine Tool Co., Hamilton, O.
	Lodge & Shipley Machine Tool Co., Cincinnati, O.
	Niles Tool Works Co., Hamilton, O.
	Pond's Machine Mfrs. Tool Co., Plainfield, N. J.
	Putnam Machine Co., Fitchburg, Mass.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

Star Drilling Machine Co., Akron, O.

W. RAIL DRILLS.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
E. P. Dwight, 407 Sansom St., Philadelphia, Pa.
Industrial Works, Bay City, Mich.
Niles Tool Works Co., Hamilton, O.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.

X. RAILWAY TRACK DRILLS.
Buda Foundry & Mfg. Co., Harvey, Ill.
Geo. Burnham Co., Worcester, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
Stow Mfg. Co., Binghamton, N. Y. *18

Y. RATCHET DRILLS.
Wm. H. Anderson & Sons, Detroit, Mich.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Billings & Spencer Co., Hartford, Conn.
Curtis & Curtis, Bridgeport, Conn. *28
William Johnson, Newark, N. J.
E. D. Jones & Sons Co., Pittsfield, Mass.
New Process Twist Drill Co., Taunton, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co., Hartford, Conn.

Z. REAMING & COUNTERSINKING DRILLS.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

AA. SELF-FEEDING DRILLS.
W. F. & John Barnes Co., Rockford, Ill.
Baush & Harris Machine Tool Co., Springfield, Mass.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
P. Blaisdell & Co., Worcester, Mass.
Dwight Slate Machine Co., Hartford, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
Garvin Machine Co., Spring & Varick Sts., New York.
Sigourney Tool Co., Hartford, Conn.

BB. SPECIAL DRILLING MACHINES.
Norton & Jones Machine Tool Works, Plainville, Conn.

CC. SUSPENSION DRILLS.
Baush & Harris Machine Tool Co., Springfield, Mass.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
S. C. Forsaith Machine Co., Manchester, N. H.
New Haven Mfg. Co., New Haven, Conn.

DD. TIRE DRILLS.
Jas. L. Haven Co., Cincinnati, O.

EE. TRAVERSE DRILLS.
P. Blaisdell & Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Putnam Machine Co., Fitchburg, Mass.

FF. UPRIGHT DRILLS.
W. F. & John Barnes Co., Rockford, Ill.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
Bickford Drill & Tool Co., Cincinnati, O.
P. Blaisdell & Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Garvin Machine Co., Spring & Varick Sts., New York.
Hamilton Machine Tool Co., Hamilton, O.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
New Haven Mfg. Co., New Haven, Conn.
Niles Tool Works Co., Hamilton, O.
Norton & Jones Machine Tool Works, Plainville, Conn.
L. H. Olmsted, Hasbrouck Heights, N. J.
David H. Potts, Lancaster, Pa.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros., Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Sigourney Tool Co., Hartford, Conn.

1379. DRILLS.
American Tool Works Co., Cincinnati, O.
W. F. & John Barnes Co., Rockford, Ill.
Billings & Spencer Co., Hartford, Conn.
Cleveland Twist Drill Co., Cleveland, O.
Garvin Machine Co., Spring & Varick Sts., New York.
J. H. Hoague, Chicopee, Mass.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Pond's Machine Mfrs. Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., Cleveland, O.
Star Drilling Machine Co., Akron, O.
Wiley & Russell Mfg. Co., Greenfield, Mass.

A. BLACKSMITHS' DRILLS.
Boynton & Plummer, Worcester, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Geo. Burnham Co., Worcester, Mass.
Champion Blower & Forge Co., Lancaster, Pa.

	Cleveland Twist Drill Co., Cleveland, O.
	Foos Mfg. Co., Springfield, O.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Morse Twist Drill & Machine Co., New Bedford, Mass.
	New Process Twist Drill Co., Taunton, Mass.
	Silver Mfg. Co., Salem, O.
	Standard Tool Co., Cleveland, O.
	Wells Bros. & Co., Greenfield, Mass.
B. CLAMP DRILLS.	Geo. Burnham Co., Worcester, Mass.
C. COMBINATION CENTRE DRILLS.	J. T. Slocomb & Co., Providence, R. I.
D. COTTER DRILLS.	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
E. DRILL PARTS.	S. B. Ardrey & Sons, Bristol, Pa.
F. DRILLS FOR RATCHETS.	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	Standard Tool Co., Cleveland, O.
G. FLAT DRILLS.	Billings & Spencer Co., Hartford, Conn.
	Morse Twist Drill & Mach. Co., New Bedford, Mass.
H. INCREASE TWIST DRILLS.	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	Putnam Machine Co., Fitchburg, Mass.
	Standard Tool Co., Cleveland, O.
I. SENSITIVE DRILLS.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
	Buescher Mfg. Co., Elkhart, Ind.
	Geo. Burnham Co., Worcester, Mass.
J. SHANK DRILLS.	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	Standard Tool Co., Cleveland, O.
K. SHANK DRILLS, TAPER.	Morse Twist Drill & Mach. Co., New Bedford, Mass.
L. SPECIAL DRILLS.	Fitchburg Machine Works, Fitchburg, Mass.
M. STRAIGHTWAY DRILLS.	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	New Process Twist Drill Co., Taunton, Mass.
N. TAP DRILLS.	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	Putnam Machine Co., Fitchburg, Mass.
	Standard Tool Co., Cleveland, O.
O. TAP DRILLS, COLLAPSIBLE.	Geometric Drill Co., Westfield, Conn.
P. TWIST DRILLS.	Cleveland Twist Drill Co., Cleveland, O.
	Gould & Eberhardt, Newark, N. J.
	Kearney & Foot Co., 102 Reade St., New York.
	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	New Process Twist Drill Co., Taunton, Mass.
	Standard Tool Co., Cleveland, O.
	Jas. Swan Co., Seymour, Conn.
	Syracuse Twist Drill Co., Syracuse, N. Y.
	Whitman & Barnes Mfg. Co., Akron, O.
Q. WIRE GAUGE DRILLS.	New Process Twist Drill Co., Taunton, Mass.
1380. DRILL SOCKETS.	Billings & Spencer Co., Hartford, Conn.
	Cleveland Twist Drill Co., Cleveland, O.
	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	Standard Tool Co., Cleveland, O.
1381. FLANGE FACERS.	Detrick & Harvey Machine Co., Baltimore, Md.
1382. FORGING MACHINES.	Niles Tool Works Co., Hamilton, O.
	Woonsocket Machine & Press Co., Woonsocket, R. I.
1383. FORGING & BENDING MACHINES.	
	National Machinery Co., Tiffin, O.
	Williams, White & Co., Moline, Ill.
A. FORGING MACHINES.	National Machinery Co., Tiffin, O.
	Toledo Machine & Tool Co., Toledo, O.
	Williams, White & Co., Moline, Ill.
B. HYDRAULIC FORGING MACHINES.	Morgan Engineering Co., Alliance, O.
1384. GEAR CUTTING MACHINES.	
	Bement, Miles & Co., 21st & Callowhill St., Phila., Pa.
	P. Blaisdell & Co., Worcester, Mass.
	Brainard Milling Machine Co., 156 Oliver St., Boston, Mass.
	Brown & Sharpe Mfg. Co., Providence, R. I.
	Dwight Slate Machine Co., Hartford, Conn.
	S. C. Forsaith Machine Co., Manchester, N. H.
	Garvin Machine Co., Spring & Varick Sts., New York.
	Gleason Tool Co., Rochester, N. Y.
	Gould & Eberhardt, Newark, N. J.
	E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
	New Haven Mfg. Co., New Haven, Conn.
	Newton Machine Tool Wks., Inc., Vine & 24th Sts., Phil., Pa.
	Pratt & Whitney Co., Hartford, Conn.
	Putnam Machine Co., Fitchburg, Mass.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
	Sigourney Tool Co., Hartford, Conn.

L. S. Starrett Co., Athol, Mass.
D. E. Whiton Machine Co., New London, Conn.

A. EPICYCLOIDAL CUTTERS. Brown & Sharpe Mfg. Co., Providence, R. I.
Gould & Eberhardt, Newark, N. J.
Chas. E. Herrick, Northampton, Mass.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

B. INVOLUTE CUTTERS. Brown & Sharpe Mfg. Co., Providence, R. I.
Gould & Eberhardt, Newark, N. J.
Chas. E. Herrick, Northampton, Mass.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
L. S. Starrett Co., Athol, Mass.

1385. GEOMETRIC BORING & TURNING TOOLS.
Geometric Drill Co., Westville, Conn.

1386. HAMMER MACHINERY.
Globe Machine Works, Frankford, Philadelphia, Pa.
Mohawk & Hudson Mfg. Co., Waterford, N. Y.

1387. HAMMER PARTS, POWER.
Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
Latrobe Steel Co., 1200 Girard Bldg., Philadelphia, Pa.
Pittsburg Steel Casting Co., Pittsburg, Pa.

1388. HAMMERS, POWER. Bradley Co., Syracuse, N. Y.
Dupont Mfg. Co., St. Johnsbury, Vt.
S. C. Forsaith Machine Co., Manchester, N. H.
Jenkins & Lingle, Bellefonte, Pa.
Scranton & Co., New Haven, Conn.
Williams, White & Co., Moline, Ill.

A. DROP HAMMER LIFTERS. Williams, White & Co., Moline, Ill.

B. DROP HAMMERS. Baush & Harris Machine Tool Co., Springfield, Mass.
Billings & Spencer Co., Hartford, Conn.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
A. P. Dickey Mfg. Co., Racine, Wis.
S. C. Forsaith Machine Co., Manchester, N. H.
Manning, Maxwell & Moore, 111 Liberty St., New York.
Merrill Bros., 465 Kent Av., Brooklyn, N. Y.
A. H. Merriman, Meriden, Conn.
Miner & Peck Mfg. Co., New Haven, Conn.
Pratt & Whitney Co., Hartford, Conn.
E. S. Stiles Press Co., 243 Centre St., New York.
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.
Williams, White & Co., Moline, Ill.

C. FOOT POWER HAMMERS. Capital City Machine Works, Columbus, O.
L. M. Devore & Co., Freeport, Ill.

D. JUSTICE HAMMERS. Williams, White & Co., Moline, Ill.

E. LEVER HAMMERS. F. B. Tait Mfg. Co., Decatur, Ill.

F. LIGHT POWER HAMMERS. W. J. & J. A. Kauffman, Miamisburg, O.

G. PNEUMATIC HAMMERS. U. S. Metallic Packing Co., 437 N. 13th St., Phila., Pa.

H. SPRING HAMMERS. Hurlbut General Mfg. Co., Racine, Wis.
Merrill Bros., 465 Kent Av., Brooklyn, N. Y.
Williams, White & Co., Moline, Ill.

I. STEAM HAMMERS. U. Baird Machinery Co., 123 Water St., Pittsburg, Pa.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
Bradley Co., Syracuse, N. Y.
Richard Dudgeon, 24 Columbia St., New York.
S. C. Forsaith Machine Co., Manchester, N. H.
Manning, Maxwell & Moore, 111 Liberty St., New York.
Morgan Engineering Co., Alliance, O.
Niles Tool Works Co., Hamilton, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Samuel Trethewey & Co., Ltd., Pittsburg, Pa.
Walker Co., Cleveland, O.
Williams, White & Co., Moline, Ill.

J. TRIP HAMMERS, AIR CUSHION. Bradley Co., Syracuse, N. Y.
Merrill Bros., 465 Kent Av., Brooklyn, N. Y.

1389. HATCHET MACHINERY.
Globe Machine Works, Frankford, Philadelphia, Pa.
Mohawk & Hudson Mfg. Co., Waterford, N. Y.

1390. HINGE MACHINERY.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

1391. IRON CUTTING DISKS.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.

1392. KEY MAKING MACHINES.
Giant Key Seater Co., East Saginaw, Mich.
Mitts & Merrill, East Saginaw, Mich.

1393. KEY SEATING MACHINES.

Baker Bros., Toledo, O.
Giant Key Seater Co., East Saginaw, Mich.
J. E. Merritt Machinery Co., Lockport, N. Y.
Mitts & Merrill, East Saginaw, Mich.
Morton Mfg. Co., Muskegon Heights, Mich.

A. KEY SEATING ATTACHMENTS. — Gould & Eberhardt, Newark, N. J.

1394. LATHE ATTACHMENTS.

Dwight Slate Machine Co., Hartford, Conn.
Faneuil Watch Tool Co., Brighton, Boston, Mass.

A. ADJUSTABLE HOLLOW MILLS. — J. M. Rogers Boat, Gauge & Drill Wks., Glo'ster City, N. J.

B. CENTERING ATTACHMENTS. — Dwight Slate Machine Co., Hartford, Conn.

C. CHUCK ARBORS. — Trevor Mfg. Co., Lockport, N. Y.

D. CHUCK DRILL HOLDERS. — Wm. G. Le Count, South Norwalk, Conn.
Wells Bros. & Co., Greenfield, Mass.

E. CHUCKING REAMER HOLDERS. — Billings & Spencer Co., Hartford, Conn.

F. DIE HEADS. — Geometric Drill Co., Westville, Conn.

G. FACE PLATE JAWS. — Cushman Chuck Co., Hartford, Conn.
Garvin Machine Co., Spring & Varick Sts., New York.
Skinner Chuck Co., New Britain, Conn.
Union Mfg. Co., New Britain, Conn.

H. GEAR CUTTING ATTACHMENTS. — W. C. Young Mfg. Co., Worcester, Mass.

I. GRINDING ATTACHMENTS. — Norton Emery Wheel Co., Worcester, Mass.

J. LATHE DIE HOLDERS. — S. W. Card Mfg. Co., Mansfield, Mass.

K. LATHE FITTINGS. — Edward O. Chase, Newark, N. J.

L. PIPE THREADING ATTACHMENTS FOR LATHES. — Curtis & Curtis, Bridgeport, Conn. *28

M. PIT LATHE ATTACHMENTS. — Putnam Machine Co., Fitchburg, Mass.

N. SHAFTING RESTS. — Draper Machine Tool Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
New Haven Mfg. Co., New Haven, Conn.
Putnam Machine Co., Fitchburg, Mass.

O. SHAFT STRAIGHTENING MACHINES. — Betts Machine Co., Wilmington, Del.
Fitchburg Machine Works, Fitchburg, Mass.
New Haven Mfg. Co., New Haven, Conn.
Niles Tool Works Co., Hamilton, O.
Putnam Machine Co., Fitchburg, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

P. SHAFT TURNING ATTACHMENTS. — Fitchburg Machine Works, Fitchburg, Mass.
Gould & Eberhardt, Newark, N. J.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
Niles Tool Works Co., Hamilton, O.
Putnam Machine Co., Fitchburg, Mass.

Q. SLIDE RESTS. — American Tool & Machine Co., 109 Beach St., Boston, Mass
Edward O. Chase, Newark, N. J.
Cleveland Machine Works, Worcester Mass.
Garvin Machine Co., Spring & Varick Sts., New York.
Hendey Machine Co., Torrington, Conn.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
W. W. Oliver, 1483 Niagara St., Buffalo, N. Y.
F. E. Reed Co., Worcester, Mass.

R. TAPER TURNING ATTACHMENTS. — Fitchburg Machine Works, Fitchburg, Mass.
Hendey Machine Co., Torrington, Conn.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
New Haven Mfg. Co., New Haven, Conn.
Pratt & Whitney Co., Hartford, Conn.

S. WATCHMAKERS' LATHE ATTACHMENTS. — Moseley Lathe Co., Elgin, Ill.

1395. LATHE CHUCKS.

Cushman Chuck Co., Hartford, Conn.
Dwight Slate Machine Co., Hartford, Conn.
Garvin Machine Co., Spring & Varick Sts., New York.
Gould & Eberhardt, Newark, N. J.
J. H. Hoague, Chicopee, Mass.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
E. Horton & Son Co., Windsor Locks, Conn.
Leavitt Machine Co., Orange, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
New Haven Mfg. Co., New Haven, Conn.

	Norton Emery Wheel Co., Worcester, Mass.
	Pratt & Whitney Co., Hartford, Conn.
	Putnam Machine Co., Fitchburg, Mass.
	Skinner Chuck Co., New Britain, Conn.
	Standard Tool Co., Cleveland, O.
	Trevor Mfg. Co., Lockport, N. Y.
	Trump Bros. Machine Co., Beech St., Wilmington, Del.
	Union Mfg. Co., New Britain, Conn.
	Warner & Swasey, Cleveland, O.
	Westcott Chuck Co., Oneida, N. Y.
	D. E. Whiton Machine Co., New London, Conn.
A. BICYCLE CHUCKS.	Union Mfg. Co., New Britain, Conn.
B. BOX CHUCKS.	American Tool & Mach. Co., 109 Beach St., Boston, Mass.
	Union Mfg. Co., New Britain, Conn.
C. BRASS FINISHERS' CHUCKS.	E. Horton & Son Co., Windsor Locks, Conn.
D. CAR WHEEL CHUCKS.	Hoggson & Pettis Mfg. Co., New Haven, Conn.
	E. Horton & Son Co., Windsor Locks, Conn.
	Skinner Chuck Co., New Britain, Conn.
	Westcott Chuck Co., Oneida, N. Y.
E. COMBINED LATHE CHUCKS.	Cushman Chuck Co., Hartford, Conn.
	Gould & Eberhardt, Newark, N. J.
	Hoggson & Pettis Mfg. Co., New Haven, Conn.
	E. Horton & Son Co., Windsor Locks, Conn.
	Putnam Machine Co., Fitchburg, Mass.
	Skinner Chuck Co., New Britain, Conn.
	Westcott Chuck Co., Oneida, N. Y.
	D. E. Whiton Machine Co., New London, Conn.
F. COMPOUND CIRCULAR CHUCKS.	Cushman Chuck Co., Hartford, Conn.
	Gould & Eberhardt, Newark, N. J.
G. CONCENTRIC THREE-JAWED CHUCKS.	D. Saunder's Sons, Yonkers, N. Y.
H. CUTTING-OFF CHUCKS.	Cushman Chuck Co., Hartford, Conn.
	E. Horton & Son Co., Windsor Locks, Conn.
	Westcott Chuck Co., Oneida, N. Y.
	D. E. Whiton Machine Co., New London, Conn.
I. DIE CHUCKS.	F. A. Errington, 39 Cortlandt St., New York.
J. DRILL CHUCK ARBORS.	Skinner Chuck Co., New Britain, Conn.
K. DRILL CHUCKS.	R. H. Brown & Co., New Haven, Conn.
	Cushman Chuck Co., Hartford, Conn.
	Garvin Machine Co., Spring & Varick Sts., New York.
	Gould & Eberhardt, Newark, N. J.
	J. H. Hoague, Chicopee, Mass.
	Hoggson & Pettis Mfg. Co., New Haven, Conn.
	E. Horton & Son Co., Windsor Locks, Conn.
	Morse Twist Drill & Machine Co., New Bedford, Mass.
	Pratt Chuck Co., Frankfort, N. Y.
	Putnam Machine Co., Fitchburg, Mass.
	Skinner Chuck Co., New Britain, Conn.
	Smith & Egge Mfg. Co., Bridgeport, Conn.
	Standard Tool Co., Cleveland, O.
	Trump Bros. Machine Co., Wilmington, Del.
	Union Mfg. Co., New Britain, Conn.
	Westcott Chuck Co., Oneida, N. Y.
	D. E. Whiton Machine Co., New London, Conn.
L. ECCENTRIC LATHE CHUCKS.	Cushman Chuck Co., Hartford, Conn.
	Putnam Machine Co., Fitchburg, Mass.
	Westcott Chuck Co., Oneida, N. Y.
M. GRAVITY SLIP CHUCKS.	F. A. Errington, 39 Cortlandt St., New York.
	E. Horton & Son Co., Windsor Locks, Conn.
	Moseley Lathe Co., Elgin, Ill.
N. INDEPENDENT JAWED CHUCKS.	Cushman Chuck Co., Hartford, Conn.
	Hoggson & Pettis Mfg. Co., New Haven, Conn.
	E. Horton & Son Co., Windsor Locks, Conn.
	Putnam Machine Co., Fitchburg, Mass.
	D. Saunder's Sons, Yonkers, N. Y.
	Westcott Chuck Co., Oneida, N. Y.
	D. E. Whiton Machine Co., New London, Conn.
O. JEWELLERS' DRILL CHUCKS.	Morse Twist Drill & Machine Co., New Bedford, Mass.
P. KEY NIPPLE CHUCKS.	D. Saunder's Sons, Yonkers, N. Y.
Q. LEVER NIPPLE CHUCKS.	D. Saunder's Sons, Yonkers, N. Y.
R. MAGNETIC CHUCKS.	O. S. Walker, Station "D.," Worcester, Mass.
S. OVAL CHUCKS.	Gould & Eberhardt, Newark, N. J.
T. PLANET CHUCKS.	Cushman Chuck Co., Hartford, Conn.
	F. E. Reed Co., Worcester, Mass.

U.	SCROLL CHUCKS.	Union Mfg. Co., New Britain, Conn.
V.	SELF-CENTERING CHUCKS.	Cushman Chuck Co., Hartford, Conn.
		Faneuil Watch Tool Co., Brighton, Boston, Mass.
		Morse Twist Drill & Machine Co., New Bedford, Mass.
		Westcott Chuck Co., Oneida, N. Y.
		D. E. Whiton Machine Co., New London, Conn.
W.	TURRET LATHE CHUCKS.	American Tool & Machine Co., Boston, Mass.
		Cushman Chuck Co., Hartford, Conn.
		Putnam Machine Co., Fitchburg, Mass.
		Skinner Chuck Co., New Britain, Conn.
		Westcott Chuck Co., Oneida, N. Y.
X.	UNIVERSAL LATHE CHUCKS.	Cushman Chuck Co., Hartford, Conn.
		Hoggson & Pettis Mfg. Co., New Haven, Conn.
		E. Horton & Son Co., Windsor Locks, Conn.
		Putnam Machine Co., Fitchburg, Mass.
		D. Saunder's Sons, Yonkers, N. Y.
		Westcott Chuck Co., Oneida, N. Y.
		D. E. Whiton Machine Co., New London, Conn.
Y.	VALVE CHUCKS.	D. E. Whiton Machine Co., New London, Conn.
1396.	**LATHE DOGS.**	Armstrong Mfg. Co., Bridgeport, Conn. *18
		Billings & Spencer Co., Hartford, Conn.
		Bonney Vise & Tool Works, 1315 Chestnut St., Phila., Pa.
		Chester Steel Castings Co., 407 Library St., Phila., Pa.
		Wm. G. Le Count, Norwalk, Conn.
		Pond Machine Tool Co., Plainfield, N. J.
		J. H. Williams & Co., 9 Richard St., Brooklyn, N. Y. *10
1397.	**LATHE INDICATORS.**	L. S. Starrett Co., Athol, Mass.
1398.	**LATHES.**	
A.	AXLE LATHES.	Armstrong Mfg. Co., Bridgeport, Conn. *18
		Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
		Betts Machine Co., Wilmington, Del.
		Defiance Machine Works, Defiance, O.
		Fitchburg Machine Works, Fitchburg, Mass.
		Garvin Machine Co., Spring & Varick Sts., New York.
		Lodge & Shipley Machine Co., Cincinnati, O.
		New Haven Mfg. Co., New Haven, Conn.
		Niles Tool Works Co., Hamilton, O.
		Pond Machine Tool Co., Plainfield, N. J.
		Putnam Machine Co., Fitchburg, Mass.
		Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
B.	BENCH LATHES.	W. P. Davis Machine Co., Rochester, N. Y.
		Dwight Slate Machine Co., Hartford, Conn.
		Faneuil Watch Tool Co., Brighton, Boston, Mass.
		Garvin Machine Co., Spring & Varick Sts., New York.
		Hendey Machine Co., Torrington, Conn.
		Pratt & Whitney Co., Hartford, Conn.
C.	BENCH SPEED LATHES.	W. W. Oliver, 1483 Niagara St., Buffalo, N. Y.
D.	BOLT & STUD LATHES.	F. E. Reed Co., Worcester, Mass.
E.	BRASS FINISHING LATHES.	American Tool & Mach. Co., 109 Beach St., Boston, Mass.
		Bullard Machine Tool Works, Bridgeport, Conn.
		Estate of Paul Pryibil, 512 W. 41st St., New York.
		Hendey Machine Co., Torrington, Conn.
		Lodge & Shipley Mach. Tool Co., Cincinnati, O.
		F. E. Reed, Worcester, Mass.
F	CAR WHEEL LATHES.	Bement, Miles & Co., Callowhill & 21st Sts., Phila., Pa.
		Niles Tool Works Co., Hamilton, O.
		Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
G.	CHUCKING LATHES.	P. Blaisdell & Co., Worcester, Mass.
		Bullard Mach. Tool Works, Bridgeport, Conn.
		Draper Mach. Tool Co., Worcester, Mass.
		Fitchburg Machine Works, Fitchburg, Mass.
		Flather & Co., Nashua, N. H.
		Florence Machine Co., Florence, Mass.
		S. C. Forsaith Mach. Co., Manchester, N. H.
		Garvin Machine Co., Spring & Varick Sts., New York.
		Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
		New Haven Mfg. Co., New Haven, Conn.
		Pratt & Whitney Co., Hartford, Conn.
		F. E. Reed Co., Worcester, Mass.
H.	COMBINATION LATHES.	Pratt & Whitney Co., Hartford, Conn.
I.	CORRUGATED METAL LATHES.	Cincinnati Corrugating Co., Piqua, O.
J.	CRANK PIN LATHES.	H. C. Fish Machine Works, Worcester, Mass.
K.	CUTTING-OFF LATHES.	Bement, Miles & Co., Callowhill & 21st Sts., Phila., Pa.
		Hendey Machine Co., Torrington, Conn.
		Hurlbut-Rogers Machine Co., South Sudbury, Mass.

Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

L. DRILL LATHES.
American Tool & Machine Co.. Boston, Mass.
P. Blaisdell & Co., Worcester, Mass.
Diamond Machine Co., Providence, R. I.
Fay & Scott, Dexter Me.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
Garvin Machine Co., Spring & Varick St., New York.

M. DRIVING WHEEL LATHES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
Niles Tool Works Co., Hamilton, O.
Pond Machine Tool Co., Plainfield, N. J.
Putnam Machine Co., Fitchburg, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

N. ENGINE LATHES.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
Bement, Miles & Co., Callowhill & 21st Sts., Phila., Pa.
P. Blaisdell & Co., Worcester, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bullard Machine Tool Works, Bridgeport, Conn.
Dietz, Schumacher & Boye, Queen C'y & Buck Sts., Cinn., O.
Draper Machine Tool Co., Worcester, Mass.
Fay & Scott, Dexter, Me.
Fifield Tool Co., Lowell, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
Florence Machine Co., Florence, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
Garvin Machine Co., Spring & Varick Sts., New York.
Gleason Tool Co., Rochester, N. Y.
Goddard Machine Co., Bigelow St., Holyoke, Mass.
Gould & Eberhardt, Newark, N. J.
G. A. Gray Co., 481 Sycamore St., Cincinnati, O.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Hendey Machine Co., Torrington, Conn.
Hill, Clarke & Co., 156 Oliver St., Boston Mass.
Israel H. Johnson, Jr., & Co., 1422 Callowhill St., Phila., Pa.
Lodge & Shipley Mach. Tool Co., Cincinnati, O.
New Haven Mfg. Co., New Haven Conn.
Niles Tool Works Co., Hamilton, O.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford Conn.
Prentice Bros., Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
F. E. Reed Co., Worcester. Mass.
San Francisco Tool Works, San Francisco, Cal.
Sebastian Lathe Co., Cincinnati, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

O. ENGINE LATHES, FOOT POWER.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
New Haven Mfg. Co., New Haven, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

P. FACING LATHES.
John Royle & Sons. Straight & Essex Sts., Paterson, N. J.

Q. GAP LATHES.
Fitchburg Machine Works, Fitchburg, Mass.
Putnam Machine Co., Fitchburg, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

R. GEOMETRIC LATHES.
C. W. Dickinson, Belleville, N. J.

S. GRINDING LATHES.
Putnam Machine Co., Fitchburg, Mass.
Springfield Mfg. Co., Bridgeport, Conn. *31

T. GUN BARREL TURNING LATHES.
Pratt & Whitney Co., Hartford, Conn.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

U. HAND LATHES.
P. Blaisdell & Co., Worcester, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Draper Mach. Tool Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg. Mass.
Flather & Co., Nashua, N. H.
Garvin Machine Co., Spring & Varick Sts., New York.
Grant Machine Tool Works, Cleveland, O.
Hendey Machine Co., Torrington, Conn.
Hill, Clarke & Co., 156 Oliver St., Boston, Mass.
Lodge & Shipley Mach. Tool Co., Cincinnati, O.
New Haven Mfg. Co., New Haven, Conn.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros., Worcester, Mass.

F. E. Reed Co., Worcester, Mass.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Sigourney Tool Co., Hartford, Conn.
W. C. Young Mfg. Co., Worcester, Mass.

V. NUT TAPPING LATHES.
H. B. Brown & Co., East Hampton, Conn.
H. L. Chapman, Marcellus, Mich.

W. PULLEY BORING LATHES.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
I. E. Merritt Machinery Co., Lockport, N. Y.
New Haven Mfg. Co., New Haven, Conn.

X. PULLEY TURNING LATHES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
I. E. Merritt Machinery Co., Lockport, N. Y.
New Haven Mfg. Co., New Haven, Conn.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

Y. ROLL TURNING LATHES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Frank-Kneeland Mach. Co., Pittsburg, Pa.
Gould & Eberhardt, Newark, N. J.
Leechburg Foundry & Machine Co., Pittsburg, Pa.
Phil. Roll & Mach. Co., 23d St. & Wash'ton Av., Phila., Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

Z. SCREW CUTTING LATHES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Bullard Machine Tool Works, Bridgeport, Conn.
Draper Mach. Tool Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
Garvin Machine Co., Spring & Varick Sts., New York.
Hendey Machine Co., Torrington, Conn.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
New Haven Mfg. Co., New Haven, Conn.
Niles Tool Works Co., Hamilton, O.
F. E. Reed Co., Worcester, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Wells Bros. & Co., Greenfield, Mass.
W. C. Young Mfg. Co., Worcester, Mass.

AA. SHAFTING LATHES.
Fitchburg Machine Works, Fitchburg, Mass.
Niles Tool Works Co., Hamilton, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

BB. SPECIAL LATHES.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
P. Blaisdell & Co., Worcester, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bullard Machine Tool Works, Bridgeport, Conn.
Draper Machine Tool Co., Worcester, Mass.
Dwight Slate Machine Co., Hartford, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
Gould & Eberhardt, Newark, N. J.
Jones & Lamson Machine Co., Springfield, Vt.
McMahon & Co., Worcester, Mass.
New Haven Mfg. Co., New Haven, Conn.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

CC. SPEED LATHES.
Baush & Harris Machine Tool Co., Springfield, Mass.
P. Blaisdell & Co., Worcester, Mass.
Fay & Scott, Dexter, Me.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
Gage Machine Works, Waterford, N. Y.
Hill, Clarke & Co., 156 Oliver St., Boston, Mass.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
Sebastian Lathe Co., Cincinnati, O.
Wells Bros. & Co., Greenfield, Mass.

DD. SPINNING LATHES.
Ferracute Machine Co., Bridgeton, N. J.
Flather & Co., Nashua, N. H.
Garvin Machine Co., Spring & Varick Sts., New York.
Gould & Eberhardt, Newark, N. J.
Meriden Machine Tool Co., Meriden, Conn.
Pratt & Whitney Co., Hartford, Conn.
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.
West Mfg. Co., Buffalo, N. Y.

EE. STRAPPING LATHES.
Springfield Mfg. Co., Bridgeport, Conn. *31

FF. TURRET LATHES.
American Tool & Machine Co., 109 Beach St., Boston, Mass.
Bardons & Oliver, Cleveland, O.
Buescher Mfg. Co., Elkhart, Ind.
Bullard Machine Tool Works, Bridgeport, Conn.
Flather & Co., Nashua, N. H.
Gage Machine Works, Waterford, N. Y.
Garvin Machine Co., Spring & Varick Sts., New York.
Jones & Lamson Machine Co., Springfield, Vt.
Lodge & Shipley Mach. Tool Co., Eggleston Av., Cinn., O.
Meriden Machine Tool Co., Meriden, Conn.
Pratt & Whitney Co., Hartford, Conn.
Sebastian Lathe Co., Cincinnati, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Warner & Swasey, Cleveland, O.

1399. LATHE TOOLS.
Wm. H. Anderson & Sons, Detroit, Mich.
Billings & Spencer Co., Hartford, Conn.
P. Blaisdell & Co., Worcester, Mass.
Dicke Tool Co., Downers Grove, Ill.
Dwight Slate Machine Co., Hartford, Conn.
McFadden Co., 722 Arch St., Philadelphia, Pa.
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.

A. CUTTING-OFF TOOLS.
Billings & Spencer Co., Hartford, Conn.
Dwight Slate Machine Co., Hartford, Conn.
Gould & Eberhardt, Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.

B. DIAMOND TURNING TOOLS.
Diamond Machine Co., Providence, R. I.
Thos. L. Dickinson, 45 Vesey St., New York.
Tanite Co., Stroudsburg, Pa.
Waltham Emery Wheel Co., Waltham, Mass.

C. FORMING LATHE TOOLS.
Meriden Machine Tool Co., Meriden, Conn.

1400. LOCK CUTTERS.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

1401. MACHINE TOOLS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
Beaman & Smith, Providence, R. I.
Bement, Miles & Co., 2101 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
P. Blaisdell & Co., Worcester, Mass.
Bullard Machine Tool Works, Bridgeport, Conn.
Dietz, Schumacher & Boye, Queen City Av., Cincinnati, O.
Draper Machine Tool Co., Worcester, Mass.
Dwight Slate Machine Co., Hartford, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
S. C. Forsaith Machine Co., Manchester, N. H.
Garvin Machine Co., Spring & Varick Sts., New York.
Gleason Tool Co., Rochester, N. Y.
G. A. Gray Co., 477 Sycamore St., Cincinnati, O.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Hendey Machine Co., Torrington, Conn.
Hilles & Jones, Wilmington, Del.
I. H. Johnson, Jr., & Co., 1422 Callowhill St., Phila., Pa.
Jones & Lamson Machine Co., Springfield, Vt.
Landis Tool Co., Waynesboro, Pa. *3
Lodge & Shipley Machine Tool Co., Eggleston Av., Cinn., O.
Newton Mach. Tool Wks., 2347 Vine St., Phila., Pa.
Niles Tool Works Co., Hamilton, O.
Norton & Jones Machine Tool Works, Plainville, Conn.
Prentice Bros., Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
F. E. Reed Co., Worcester, Mass.
San Francisco Tool Works, San Francisco, Cal.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Warner & Swasey, Cleveland, O.
Whitcomb Mfg. Co., Worcester, Mass.
D. E. Whiton Machine Co., New London, Conn.

1402. MANDREL BLOCKS.
Putnam Machine Co., Fitchburg, Mass.

1403. METAL BAND SAWING MACHINES.
Newton Mach. Tool Wks., Inc., Vine & 24th Sts., Phila., Pa.

1404. MILLING MACHINE ATTACHMENTS.

A. MILLING CUTTERS.
Brainard Milling Machine Co., Oliver St., Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., Cleveland, O.
Garvin Machine Co., Spring & Varick Sts., New York.
Gould & Eberhardt, Newark, N. J.
La Belle Steel Co., Pittsburg, Pa.

McFadden Co., 722 Arch St., Philadelphia, Pa.
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., Cleveland, O.
L. S. Starrett Co., Athol, Mass.
Whitman & Barnes Mfg. Co., Akron, O.

B. MILLING MACHINE CHUCKS.
E. Horton & Son Co., Windsor Locks, Conn.
D. E. Whiton Machine Co., New London, Conn.

C. MILLING MACHINE VISES.
Brainard Milling Machine Co., Oliver St., Boston, Mass.
Cincinnati Milling Machine Co., Cincinnati, O.
Garvin Machine Co., Spring & Varick Sts., New York.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.

1405. MILLING MACHINES.
American Tool Works Co., Eggleston Av., Cincinnati, O.
Blake & Johnson, Waterbury, Conn.
Beaman & Smith, Providence, R. I.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Brainard Milling Machine Co., Oliver St., Boston, Mass.
Cincinnati Milling Machine Co., Cincinnati, O.
Dwight Slate Machine Co., Hartford, Conn.
Faneuil Watch Tool Co., Brighton, Boston, Mass.
Fay & Scott, Dexter, Me.
S. C. Forsaith Mach. Co., Manchester, N. H.
Garvin Machine Co., Spring & Varick Sts., New York.
Gould & Eberhardt, Newark, N. J.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Kempsmith Mach. Tool Co., Milwaukee, Wis.
Lodge & Shipley Mach. Tool Co., Eggleston Av., Cinn., O.
Newton Mach. Tool Wks., Vine St., Philadelphia, Pa.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
F. E. Reed Co., Worcester, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
F. B. Shuster Co., New Haven, Conn.
Vanderbeck Tool Works, Hartford, Conn.
Warner & Swasey, Cleveland, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
D. E. Whiton Machine Co., New London, Conn.

A. BENCH MILLING MACHINES.
Pratt & Whitney Co., Hartford, Conn.

B. BUTT MILLING MACHINES.
F. B. Shuster Co., New Haven, Conn.

C. HAND MILLING MACHINES.
J. E. Costilo Machine Works, Brooklyn, N. Y.

D. HORIZONTAL MILLING MACHINES.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

E. VALVE MILLING MACHINES.
American Tool & Mach. Co., 109 Beach St., Boston, Mass.
T. Draper, Port Huron, Mich.

1406. NAIL MILL MACHINERY.
Kimball Bros. & Sprague, 153 Centre St., Brockton, Mass.
Ohio Machine Co., Middleport, O.
Pittsburg Mfg. Co., Pittsburg, Pa.
W. A. Sweetser, Brockton, Mass.
Turner, Vaughan & Taylor Co., Cuyahoga Falls, O.

A. WIRE NAIL MACHINERY.
Alexander & McLaughlin, Erie, Pa.
Bates Machine Co., Joliet, Ill.
Blake & Johnson, Waterbury, Conn.
Buckeye Engine Co., Salem, O.
Kimball Bros. & Sprague, 153 Centre St., Brockton, Mass.
H. J. Miller, Bridgewater, Mass.
National Machinery Co., Tiffin, O.
Phil. Roll & Mach. Co., 23d & Washn. Av., Phila., Pa.
W. A. Sweetser, Brockton, Mass.

1407. NUT MACHINES.
Acme Machinery Co., Cleveland, O.
American Bolt Co., Lowell, Mass.
Bement, Miles & Co., 21st & Callowhill Sts., Phila., Pa.
Detrick & Harvey Machine Co., Baltimore, Md.
Howard Iron Works, Buffalo, N. Y.
National Machinery Co., Tiffin, O.
Niles Tool Works Co., Hamilton, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Mfg. Co., Pittsburg, Pa.
Pratt & Whitney Co., Hartford, Conn.

Providence Steam Engine Co., Providence, R. I.
Putnam Machine Co., Fitchburg, Mass.
D. Saunder's Sons, Yonkers, N. Y.
J. H. Sternbergh & Son, Reading, Pa. *33
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

A. NUT BLANK MACHINES. Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

1408. PICK MACHINES. Birmingham Iron Foundry, Derby, Conn.

1409. PIPE MACHINES. Curtis & Curtis, Bridgeport, Conn. *28
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Jarecki Mfg. Co., Erie, Pa.
Mueller Mfg. Co., Decatur, Ill.
Phila. Roll & Mach. Co., S. 23d & Washn. Av., Phila., Pa.
D. Saunder's Sons, Yonkers, N. Y.

A. COMBINED PIPE CUTTING & THREADING MACHINES. Columbus Machine Co., Columbus, O.
Merrell Mfg. Co., 502 Curtis St., Toledo, O.

B. HAND PIPE CUTTERS. Hoggson & Pettis Mfg. Co., New Haven, Conn.
Morris, Tasker & Co., 222 S. 3d St., Phila., Pa.
Henry B. Pancoast & Co., 243-245 S. 3d St., Phila., Pa.
Trimount Mfg. Co., Roxbury, Mass.

C. PIPE CUTTING MACHINES. Brass & Iron Works Co., Fostoria, O.
Cox & Sons Co., 215 Race St., Philadelphia, Pa.
Curtis & Curtis, Bridgeport, Conn. *28
Eaton, Cole & Burnham Co., 253 Broadway, New York.
S. C. Forsaith Machine Co., Manchester, N. H.
Hart Mfg. Co., Cleveland, O.
Merrell Mfg. Co., 502 Curtis St., Toledo, O.
National Machinery Co., Tiffin, O.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
D. Saunder's Sons, Yonkers, N. Y.

D. PIPE FACING MACHINES. Coffin Valve Co., Neponset, Mass.

E. PIPE TESTING MACHINES. Watson-Stillman Co., 204 E. 43d St., New York.

F. PIPE THREADING MACHINES. American Tube & Iron Co., Youngstown, Pa.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Brass & Iron Works Co., Fostoria, O.
Cox & Sons Co., 215 Race St., Philadelphia, Pa.
Curtis & Curtis, Bridgeport, Conn. *28
Eaton, Cole & Burnham Co., 253 Broadway, New York.
S. C. Forsaith Machine Co., Manchester, N. H.
Merrell Mfg. Co., 502 Curtis St., Toledo, O.
National Machinery Co., Tiffin, O.
N. O. Nelson Mfg. Co., St. Chas. & 8th Sts., St. Louis, Mo.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
D. Saunder's Sons, Yonkers, N. Y.
Sterrit & Thomas, Pittsburg, Pa.
Wiley & Russell Mfg. Co., Greenfield, Mass.

G. STEAM PIPE HAMMERS. Vulcan Iron Works, 59 Milwaukee Av., Chicago, Ill.

1410. PIPE NIPPLE MACHINES.
Brass & Iron Works Co., Fostoria, O.
Merrell Mfg. Co., 502 Curtis St., Toledo, O.

A. PIPE NIPPLE HOLDERS. Curtis & Curtis, Bridgeport, Conn. *28
Merrell Mfg. Co., 502 Curtis St., Toledo, O.

1411. PLANER CENTERS. Betts Machine Co., Wilmington, Del.
Fay & Scott, Dexter, Me.
Fitchburg Machine Works, Fitchburg, Mass.
Garvin Machine Co., 137 Varick St., New York.
Hendey Machine Co., Torrington, Conn.
New Haven Mfg. Co., New Haven, Conn.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
F. E. Reed Co., Worcester, Mass.
Whitcomb Mfg. Co., Worcester, Mass.

A. INDEX CENTERS. Cincinnati Milling Mach. Co., Cincinnati, O.
Garvin Machine Co., 137 Varick St., New York.
Gould & Eberhardt, Newark, N. J.
Kempsmith Machine Tool Co., Milwaukee, Wis.

1412. PLANER CHUCKS. Geo. Burnham Co., Worcester, Mass.
Draper Mach. Tool Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Hendey Machine Co., Torrington, Conn.
New Haven Mfg. Co., New Haven, Conn.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Skinner Chuck Co., New Britain, Conn.

1413. PLANERS, METAL.

Tower & Lyon, 95 Chambers St., New York.
American Tool Works Co., Cincinnati, O.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
P. Blaisdell & Co., Worcester, Mass.
Chase Turbine Mfg. Co., Orange, Mass.
G. A. Crosby Co., 176 S. Clinton St., Chicago, Ill.
Defiance Machine Works, Defiance, O.
Detrick & Harvey Mach. Co., Baltimore, Md.
Draper Machine Tool Co., Worcester, Mass.
Estate of Paul Pryibil, 524 W. 41st St., New York.
J. A. Fay & Egan Co., Cincinnati, O.
Fitchburg Mach. Works, Fitchburg, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
Garvin Mach. Co., 137 Varick St., New York.
Gould & Eberhardt, Newark, N. J.
G. A. Gray Co., Cincinnati, O.
E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
Hendey Mach. Co., Torrington, Conn.
Joshua Hendy Mach. Works, San Francisco, Cal.
Hewes & Phillips Iron Works, Newark, N. J.
Hilles & Jones, Wilmington, Del.
Lodge & Shipley Mach. Tool Co., Cincinnati, O.
Morton Mfg. Co., Muskegon Heights, Mich.
New Haven Mfg. Co., New Haven, Conn.
Newton Mach. Tool Works, Inc., 2347 Vine St., Phila., Pa.
Niles Tool Works Co., Hamilton, O.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Putnam Mach. Co., Fitchburg, Mass.
San Francisco Tool Works, San Francisco, Cal.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Whitcomb Mfg. Co., Worcester, Mass.

A. PLATE PLANERS.
Detrick & Harvey Machine Co., Baltimore, Md.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

B. PORTABLE IRON PLANERS.
Morton Mfg. Co., Muskegon Heights, Mich.

C. RAIL PLANERS.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

D. ROTARY PLANERS.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

E. SWITCH & FROG PLANING MACHINES.
Niles Tool Works Co., Hamilton, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

1414. PLANER TOOLS.

Wm. H. Anderson & Sons, Detroit, Mich.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Hendey Machine Co., Torrington, Conn.
Pratt & Whitney Co., Hartford, Conn.
Whitcomb Mfg. Co., Worcester, Mass.

1415. PLATE SCARFING MACHINES.

Detrick & Harvey Mach. Co., Baltimore, Md.

1416. PRESS DIES.

E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
J. F. W. Dorman Co., Baltimore, Md.
Hay-Budden Mfg. Co., 254 N. Henry St., Brooklyn, N. Y.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Miner & Peck Mfg. Co., New Haven, Conn.
Niagara Mach. & Tool Works, Buffalo, N. Y.
F. J. Richard Mach. Co., Ltd., Bloomsburg, Pa.
Thos. W. Smith & Co., Worcester, Mass.
Standard Stamping & Die Co., Brooklyn, N. Y.
Stiles & Parker Press Co., Brooklyn, N. Y.
Samuel Trethewey & Co., Ltd., Pittsburg, Pa.
Walworth Mfg. Co., Boston, Mass.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Wilson & Smith, Worcester, Mass.

1417. PRESSES.

A. BENDING PRESSES.
Watson, Stillman Co., 204 E. 43d St., New York.

B. BICYCLE CHAIN PRESSES.
Toledo Mach. & Tool Co., Toledo, O.

C. BROACHING PRESSES.
Pratt & Whitney Co., Hartford, Conn.
Watson, Stillman Co., 204 E. 43d St., New York.
Whitcomb Mfg. Co., Worcester, Mass.

D. CAR WHEEL PRESSES.
Richard Dudgeon, 24 Columbia St., New York.
Ferracute Machine Co., Bridgeport, Conn.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Putnam Machine Co., Fitchburg, Mass.
Watson, Stillman Co., 204 E. 43d St., New York.

E. CHILLING PRESSES.
Watson, Stillman Co., 204 E. 43d St., New York.

F. CRANK PIN PRESSES.
Richard Dudgeon, 24 Columbia St., New York.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.

	Watson, Stillman Co., 204 E. 43d St., New York.
G. DIE PRESSES.	Seybold Mach. Co., Dayton, O.
	Watson, Stillman Co., 204 E. 43d St., New York.
H. DROP PRESSES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	Ferracute Machine Co., Bridgeton, N. J.
	Gould & Eberhardt, Newark, N. J.
	Long & Allstatter Co., Hamilton, O.
	Miner & Peck Mfg. Co., New Haven, Conn.
	Niagara Mach. & Tool Works, Buffalo, N. Y.
	W. W. Oliver, Buffalo, N. Y.
	Pratt & Whitney Co., Hartford, Conn.
	Toledo Mach. & Tool Co., Toledo, O.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
	West Mfg. Co., Buffalo, N. Y.
	Williams, White & Co., Moline, Ill.
I. FORGING PRESSES.	Watson, Stillman Co., 204 E. 43d St., New York.
J. HORNING PRESSES.	Toledo Mach. & Tool Co., Toledo, O.
K. HYDRAULIC FLANGING PRESSES.	Wickes Bros., Saginaw, Mich.
L. HYDROSTATIC PRESSES.	Illinois Iron & Bolt Co., Carpentersville, Ill.
M. HYDROSTATIC WHEEL PRESSES.	Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
	Betts Machine Co., Wilmington, Del.
	Niles Tool Works Co., Hamilton, O.
	Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
	Pond's Machine Tool Co., Plainfield, N. J.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
N. LEAD PRESSES.	Watson, Stillman Co., 204 E. 43d St., New York.
O. PROJECTILE PRESSES.	Watson, Stillman Co., 204 E. 43d St., New York.
P. PUNCHING PRESSES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	Feracute Machine Co., Bridgeton, N. J.
	E. M. Lang Co., Portland, Me.
	Lodge & Shipley Mach. Tool Co., Cincinnati, O.
	Long & Allstatter Co., Hamilton, O.
	National Machinery Co., Tiffin, O.
	W. W. Oliver, Buffalo, N. Y.
	Pratt & Whitney Co., Hartford, Conn.
	E. S. Stiles Press Co., Watertown, N. Y.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
	Watson, Stillman Co., 204 E. 43d St., New York.
	Whitcomb Mfg. Co., Worcester, Mass.
	Wiley & Russell Mfg. Co., Greenfield, Mass.
	Williams, White & Co., Moline, Ill.
Q. RIVETING PRESSES.	Toledo Machine & Tool Co., Toledo, O.
	Williams, White & Co., Moline, Ill.
R. SHEARING PRESSES.	Buffalo Forge Co., Buffalo, N. Y.
	National Machinery Co., Tiffin, O.
	New Doty Mfg. Co., Janesville, Wis.
	Pratt & Whitney Co., Hartford, Conn.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
	Watson, Stillman Co., 204 E. 43d St., New York.
	Whitcomb Mfg. Co., Worcester, Mass.
	Williams, White & Co., Moline, Ill.
S. STEAM PLATE PRESSES.	Watson, Stillman Co., 204 E. 43d St., New York.
1418. PROFILING MACHINES.	
	Garvin Machine Co., 137 Varick St., New York.
	Pratt & Whitney Co., Hartford, Conn.
1419. PULLEY BALANCING MACHINES.	
	Defiance Mach. Works, Defiance, O.
1420. PUNCHES & SHEARS.	
A. COMBINED PUNCHES & SHEARS.	Jenkins & Lingle, Bellefonte, Pa.
	New Doty Mfg. Co., Janesville, Wis.
B. HAND PUNCHES & SHEARS.	Capital City Mach. Works, Columbus, O.
	West Mfg. Co., Buffalo, N. Y.
	Williams, White & Co., Inc., Moline, Ill.
C. LEVER PUNCHES.	Niagara Mach. & Tool Works, Buffalo, N. Y.
D. POWER PUNCHES & SHEARS.	Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
	Betts Machine Co., Wilmington, Del.
	Buffalo Forge Co., Buffalo, N. Y.
	G. D. Colton & Co., Galesburg, Ill.
	Ferracute Machine Co., Bridgeton, N. J.
	Frank-Kneeland Mach. Co., Pittsburg, Pa.
	Hilles & Jones, Wilmington, Del.
	Long & Allstatter Co., Hamilton, O.
	National Machine Co., Tiffin, O.

Niles Tool Works Co., Hamilton, O.
Phila. Roll & Mach. Co., S. 23d St. & Washn. Av., Phila., Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Toledo Mach. & Tool Co., Toledo, O.
Watson, Stillman Co., 204 E. 43d St., New York.
West Mfg. Co., Buffalo, N. Y.
Whitcomb Mfg. Co., Worcester, Mass.
Wickes Bros., Saginaw, Mich.
Williams, White & Co., Moline, Ill.

E. SPIRAL SHEAR PUNCHES. Pratt & Whitney Co., Hartford, Conn.

1421. PUNCHING MACHINES.
A. J. Beckley & Co., Garwood, N. J.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Fulton Iron & Engine Works, Detroit, Mich.
Hilles & Jones Co., Wilmington, Del.
Morgan Engineering Co., Alliance, O.
New Doty Mfg. Co., Janesville, Wis.
Niles Tool Works Co., Hamilton, O.
George A. Ohl & Co., Newark, N. J.
Randall & Co., Cincinnati, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Watson, Stillman Co., 204 E. 43d St., New York.
West Mfg. Co., Buffalo, N. Y.
Whitcomb Mfg. Co., Worcester, Mass.
Williams, White & Co., Moline, Ill.
W. C. Young Mfg. Co., Worcester, Mass.

A. HYDRAULIC PUNCHES. Richard Dudgeon, 24 Columbia St., New York.
Long & Allstatter Co., Hamilton, O.
Niles Tool Works Co., Hamilton, O.
Watson, Stillman Co., 204 E. 43d St., New York.

B. RAIL PUNCHING MACHINES. Dickson Mfg. Co., Scranton, Pa.
S. C. Forsaith Mach. Co., Manchester, N. H.
Whitcomb Mfg. Co., Worcester, Mass.

1422. QUARTERING MACHINES.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

1423. RACK CUTTERS. Dwight Slate Machine Co., Hartford, Conn.
Gould & Eberhardt, Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

A. RACK CHUCKS. Putnam Machine Co., Fitchburg, Mass.

B. RACK CUTTING ATTACHMENTS. Gould & Eberhardt, Newark, N. J.

1424. RAIL MACHINES.

A. RAIL BENDING MACHINES. Buda Foundry & Mfg. Co., Harvey, Ill.
Kenney & Co., Scottdale, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Watson, Stillman Co., 204 E. 43d St., New York.

B. RAIL CUTTING MACHINES. Industrial Works, Bay City, Mich.

C. RAIL SAWING MACHINES, HYDRAULIC. Dickson Mfg. Co., Scranton, Pa.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.

D. RAIL STRAIGHTENING MACHINES, HYDRAULIC. Dickson Mfg. Co., Scranton, Pa.
Industrial Works, Bay City, Mich.
Watson, Stillman Co., 204 E. 43d St., New York.

1425. RAILROAD SHOP MACHINES.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Bullard Mach. Tool Works, Bridgeport, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
Hansel Spring Co., Newark, N. J.
Niles Tool Works Co., Hamilton, O.

1426. REAMING MACHINES. Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Stow Mfg. Co., Binghamton, N. Y. *18

A. PORTABLE REAMING MACHINES. Stow Flexible Shaft Co., N. 26th & Callowhill Sts., Phil., Pa.
Stow Mfg. Co., Binghamton, N. Y. *18

1427. RIFLING MACHINES, FIRE ARMS.
Colt's Patent Firearms Mfg. Co., Hartford, Conn.
Pratt & Whitney Co., Hartford, Conn.

1428. RIVETING MACHINES. Hartman Mfg. Co., 277 Broadway, New York.
Hilles & Jones, Wilmington, Del.
F. B. Shuster Co., New Haven, Conn.
Standard Rivet Co., 41 Lincoln St., Boston, Mass.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Tubular Rivet & Stud Co., 87 Lincoln St., Boston, Mass.

A. HYDRAULIC RIVETERS. Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Morgan Engineering Co., Alliance, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

Watson, Stillman Co., 204 E. 43d St., New York.
Wickes Bros., Saginaw, Mich.

B. PNEUMATIC RIVETERS. Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

C. PORTABLE RIVETERS. Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Watson, Stillman Co., 204 E. 43d St., New York.

D. ROTARY BLOW RIVETERS. F. B. Shuster Co., New Haven, Conn.

E. STEAM RIVETING MACHINES. Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Morgan Engineering Co., Alliance, O.
Niles Tool Works Co., Hamilton, O.
Providence Steam Engine Co., Providence, R. I.
Pusey & Jones Co., Wilmington, Del.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

1429. RIVET MACHINES. Blake & Johnson, Waterbury, Conn.
National Machinery Co., Tiffin, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

A. RIVET CLIPPERS. P. D. Randall & Son, Troy, N. Y.
Wiley & Russell Mfg. Co., Greenfield, Mass.

B. RIVET HEADERS. McMyler Mfg. Co., Cleveland, O.
National Machinery Co., Tiffin, O.

C. TUBULAR RIVET MACHINES. Blake & Johnson, Inc., Waterbury, Conn.
Tubular Rivet Co., 87 Lincoln St., Boston, Mass.

1430. ROLL GROOVING MACHINES.
Pratt & Whitney Co., Hartford, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

1431. ROLLING MILL MACHINERY.
Birmingham Iron Foundry, Birmingham, Conn.
Lloyd Booth Co., Youngstown, O.
Dickson Mfg. Co., Scranton, Pa.
Frank-Kneeland Mach. Co., Pittsburg, Pa.
Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Moore & White Co., Lehigh Av., c. N. 16th St., Phila., Pa.
Morgan Engineering Co., Alliance, O.
Phila. Roll & Mach. Co., S. 23d St. & Washn. Av., Phila., Pa.
Robt. Poole & Son Co., Baltimore, Md.
Reading Iron Co., Reading, Pa.
Robinson & Rea Mfg. Co., Pittsburg, Pa.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Stevenson & Co., Wellsville, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Whitcomb Mfg. Co., Worcester, Mass.
Youngstown Foundry & Mach. Co., Youngstown, O.

A. BRASS ROLLING MILLS. Robt. Poole & Son Co., Baltimore, Md.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

B. COPPER ROLLING MILLS. Robt. Poole & Son Co., Baltimore, Md.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

C. LEAD ROLLING MACHINES. Putnam Machine Co., Fitchburg, Mass.

D. RAIL MILLS. Birmingham Iron Foundry, Derby, Conn.
Dickson Mfg. Co., Scranton, Pa.

E. SHEET METAL FORMING ROLLS. Niagara Mach. & Tool Works, Buffalo, N. Y.

F. SHEET METAL ROLLING MILLS. Hugh L. Thompson, Waterbury, Conn.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

G. SPECIAL ROLLING MILL MACHINES. Birmingham Iron Foundry, Birmingham, Conn.

H. TAPER ROLLING MACHINES. Williams, White & Co., Moline, Ill.

1432. ROLLING MILL TOOLS.
Thomas Carlin's Sons, Allegheny, Pa.
Samuel Trethewey & Co., Ltd., Pittsburg, Pa.

1433. RUMBLING MILLS. Brown & Sharpe Mfg. Co., Providence, R. I.
Byram & Co., Detroit, Mich.
National Machinery Co., Tiffin, O.
Stover Mfg. Co., Freeport, Ill.
Walker Co., Cleveland, O.
Waterbury Machine Co., Waterbury, Conn.

1434. SCRAPING MACHINES, METAL.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

1435. SCREW MACHINES. Bardous & Oliver, Cleveland, O.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bullard Mach. Tool Works, Bridgeport, Conn.
Draper Mach. Tool Co., Worcester, Mass.
Dreses, Mueller & Co., Cincinnati, O.
S. C. Forsaith Mach. Co., Manchester, N. H.
Garvin Machine Co., 137 Varick St., New York.

Hartford Mach. Screw Co., Hartford, Conn.
Jones & Lamson Mach. Co., Springfield, Vt.
Lodge & Shipley Mach. Co., Cincinnati, O.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Warner & Swasey, Cleveland, O.
West Mfg. Co., Buffalo, N. Y.
Wiley & Russell Mfg. Co., Greenfield, Mass.

A. AUTOMATIC SCREW MACHINES. — Household Sewing Mach. Co., 9 E. 14th St., New York.
Spencer Automatic Mach. Screw Co., Hartford, Conn.

B. SCREW CUTTING DIE HEADS. — Geometric Drill Co., Westville, Conn.

C. SCREW MACHINE CHUCKS. — Garvin Machine Co., 137 Varick St., New York.
E. Horton & Son Co., Windsor Locks, Conn.
New Haven Mfg. Co., New Haven, Conn.
Putnam Machine Co., Fitchburg, Mass.
Union Mfg. Co., New Britain, Conn.

D. SCREW MACHINE TURRETS. — Bullard Mach. Tool Works, Bridgeport, Conn.
Jones & Lamson Mach. Co., Springfield, Vt.
Warner & Swasey, Cleveland, O.

E. SCREW POLISHING MACHINES. — Brown & Sharpe Mfg. Co., Providence, R. I.

F. SCREW SHAVING MACHINES. — Pawtucket Mfg. Co., Pawtucket, R. I.

G. SCREW SLOTTING MACHINES. — Brown & Sharpe Mfg. Co., Providence, R. I.
Dwight Slate Mach. Co., Hartford, Conn.
Garvin Machine Co., 137 Varick St., New York.
National Machinery Co., Tiffin, O.
Pratt & Whitney Co., Hartford, Conn.

1436. SCREW PLATE MACHINES. — Jarecki Mfg. Co., Erie, Pa.

1437. SHAPERS. — American Tool Works Co., Cincinnati, O.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Baush & Harris Mach. Tool Co.. Springfield, Mass.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Bentel & Margendant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.
Betts Machine Co., Wilmington, Del.
Boynton & Plummer, Worcester, Mass.
Dietz, Schumacher & Boye, Cincinnati, O.
Fay & Scott, Dexter, Me.
Fitchburg Machine Works, Fitchburg, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
Garvin Machine Co., 137 Varick St., New York.
Gould & Eberhardt, Newark, N. J.
Hendey Machine Co., Torrington, Conn.
Lodge & Shipley Mach. Tool Co., Cincinnati, O.
Morton Mfg. Co., Muskegon Heights, Mich.
New Haven Mfg. Co., New Haven, Conn.
Newton Mach. Tool Wks., Inc., 2347 Vine St., Phila., Pa.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
San Francisco Tool Works, San Francisco, Cal.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

A. COG SHAPING TOOLS. — Putnam Mach. Co., Fitchburg, Mass.

B. DRAW CUT IRON SHAPERS. — Morton Mfg. Co., Muskegon Heights, Mich.

C. GEARED SHAPERS. — Smith & Mills, Cincinnati, O.

D. JOURNAL BOX SHAPING MACHINES. — Newton Mach. Tool Wks., Inc., 2347 Vine St., Phila., Pa.

E. SHAPER ATTACHMENTS. — Fitchburg Machine Works, Fitchburg, Mass.
Gould & Eberhardt, Newark, N. J.
Hendey Machine Co., Torrington, Conn.

F. SHAPER CHUCKS. — Hendey Machine Co., Torrington, Conn.
Putnam Machine Co., Fitchburg, Mass.

G. SHAPER CUTTERS. — Taylor, Stiles & Co., Riegelsville, N. J.

1438. SHEARS, METAL. — Acme Shear Co., Bridgeport, Conn.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Thomas Carlin's Sons, Allegheny, Pa.
Frank-Kneeland Mach. Co., Pittsburg, Pa.
Fulton Iron & Engine Works, Detroit, Mich.
Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
National Machinery Co., Tiffin, O.
Peck, Stow & Wilcox Co., Southington, Conn.

Robinson & Rea Mfg. Co., Pittsburg, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Taplin, Rice & Co., Akron, O.
Totten & Hogg Iron & Steel Fdy. Co., Inc., Pittsburg, Pa.
Walker Co., Cleveland, O.

A. ALLIGATOR SHEARS.
Thomas Carlin's Sons, Allegheny, Pa.
Dickson Mfg. Co., Scranton, Pa.
National Machinery Co., Tiffin, O.

B. FOOT SHEARS.
E. W. Bliss & Co., Plymouth St., Brooklyn, N. Y.
National Machinery Co., Tiffin, O.
E. S. Stiles Press Co., Watertown, N. Y.

C. HAND SHEARS.
Cleveland Hardware Co., Cleveland, O.
New Doty Mfg. Co., Janesville, Wis.
Pond Machine Tool Co., Plainfield, N. J.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Watson, Stillman Co., 204 E. 43d St., New York.
Whitcomb Mfg. Co., Worcester, Mass.

D. LEVER SHEARS.
Niagara Machine & Tool Works, Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.

E. METAL SHEAR KNIVES.
Loring, Coes & Co., Worcester, Mass.
Samuel Trethewey & Co., Ltd., Pittsburg, Pa.

F. POWER SHEARS.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Thos. Carlin's Sons, Allegheny, Pa.
Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
Morgan Engineering Co., Alliance, O.
National Machinery Co., Tiffin, O.
New Doty Mfg. Co., Janesville, Wis.
Niagara Mach. & Tool Works, Buffalo, N. Y.
Niles Tool Works Co., Hamilton, O.
Pratt & Whitney Co., Hartford, Conn.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
E. S. Stiles Press Co., Watertown, N. Y.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Watson, Stillman Co., 204 E. 43d St., New York.
West Mfg. Co., Buffalo, N. Y.
Whitcomb Mfg. Co., Worcester, Mass.
Williams, White Co., Moline, Ill.
W. C. Young Mfg. Co., Worcester, Mass.

G. ROTARY SHEARS.
Detrick & Harvey Mach. Co., Baltimore, Md.
Gilman & Son, Springfield, Vt.
Toledo Mach. & Tool Co., Toledo, O.

H. VERTICAL SHEARS.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.

1439. SHEET STEEL LATH MACHINES.
G. A. Ohl & Co., Newark, N. J.

1440. SHIP YARD MACHINERY.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Niles Tool Works Co., Hamilton, O.
James Rees & Sons Co., Pittsburg, Pa.
Shook, Anderson Mfg. Co., Inc., Pittsburg, Pa.
Watson, Stillman Co., 204 E. 43d St., New York.

A. MARINE RAILWAYS.
Krajewski, Pesant & Co., 32 Broadway, New York. *18
Robt. Poole & Son Co., Baltimore, Md.

1441. SLITTING MACHINES.
Blake & Johnson, Waterbury, Conn.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Kidder Press Mfg. Co., Boston, Mass.
National Machinery Co., Tiffin, O.
Norton & Jones Mach. Tool Works, Plainville, Conn.
Oil City Boiler Works, Inc., Oil City, Pa.
E. S. Stiles Press Co., Watertown, N. Y.
Toledo Mach. & Tool Co., Toledo, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

A. SLITTING KNIVES.
Samuel Trethewey & Co., Ltd., Pittsburg, Pa.

1442. SLOTTING CUTTERS.
L. S. Starrett Co., Athol, Mass.

1443. SLOTTING MACHINES.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
Garvin Machine Co., 137 Varick St., New York.
Gould & Eberhardt, Newark, N. J.
Joshua Hendy Mach. Works, San Francisco, Cal.
Hewes & Phillips Iron Works, Newark, N. J.
New Haven Mfg. Co., New Haven, Conn.
Newton Mach. Tool Works, Inc., 2347 Vine St., Phila., Pa.
Niles Tool Works Co., Hamilton, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

A. SLOTTING & PARING MACHINES.	Putnam Mach. Co., Fitchburg, Mass.
1444. SLOTTING SAWS.	L. S. Starrett Co., Athol, Mass.
1445. SPIKE MACHINES.	National Machinery Co., Tiffin, O. Pittsburg Mfg. Co., Pittsburg, Pa.
1446. SPRUE CUTTERS.	John Adt & Son, New Haven, Conn. F. B. Shuster Co., New Haven, Conn.
1447. SQUEEZERS.	Birmingham Iron Foundry, Birmingham, Conn. Granger Foundry & Mach. Co., Providence, R. I. Mesta Mach. Co., Lewis Block, Pittsburg, Pa.
1448. STEAM FORGE MACHINES.	Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa. Morgan Engineering Co., Alliance, O. Niles Tool Works Co., Hamilton, O.
1449. STOVE ROD HEADERS & UPSETTERS.	National Machinery Co., Tiffin, O.
1450. STRAIGHTENING MACHINES, METAL.	Blake & Johnson, Waterbury, Conn. Niles Tool Works Co., Hamilton, O. Phila. Roll & Mach. Co., Washn. Av. & S. 23d St., Phila., Pa. Pittsburg Mfg. Co., Pittsburg, Pa. Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
A. AXLE STRAIGHTENERS.	Wells Bros. & Co., Greenfield, Mass.
B. COMBINED SHEET METAL STRAIGHTENING & CUTTING MACHINES.	F. B. Shuster Co., New Haven, Conn.
C. PLATE STRAIGHTENING MACHINES.	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
1451. TACK MACHINES.	Kimball Bros. & Sprague, Brockton, Mass. F. B. Shuster Co., New Haven, Conn. W. A. Sweetser, Brockton, Mass.
A. TACK POINTING TOOLS.	Dicke Tool Co., Downer's Grove, Ill.
1452. TAPPING MACHINES.	Brass & Iron Works Co., Fostoria, O. Brown & Sharpe Mfg. Co., Providence, R. I. Garvin Machine Co., 137 Varick St., New York. H. Mueller Mfg. Co., Decatur, Ill. Oil City Boiler Works, Inc., Oil City, Pa. Pratt & Whitney Co., Hartford, Conn. D. Saunder's Sons, Yonkers, N. Y. Stow Mfg. Co., Binghamton, N. Y. *18
A. AUTOMATIC TAPPING MACHINES.	Garvin Machine Co., 137 Varick St., New York. Gould & Eberhardt, Newark, N. J.
B. PORTABLE TAPPING & REAMING MACHINES.	Stow Mfg. Co., Binghamton, N. Y. *18
C. PORTABLE TAPPING MACHINES.	Stow Flexible Shaft Co., N. 26th St., Philadelphia, Pa. Stow Mfg. Co., Binghamton, N. Y. *18
1453. THREADING MACHINES.	National Machinery Co., Tiffin, O. D. Saunder's Sons, Yonkers, N. Y. Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
A. THREADING MACHINES, BICYCLE SPOKE.	Blake & Johnson, Waterbury, Conn.
B. THREADING TOOLS.	Armstrong Mfg. Co., Bridgeport, Conn. *18 Billings & Spencer Co., Hartford, Conn. Geometric Drill Co., Westville, Conn. Gould & Eberhardt, Newark, N. J. Morse Twist Drill & Machine Co., New Bedford, Mass. Pratt & Whitney Co., Hartford, Conn.
1454. TIN PLATE MACHINES.	Stevenson & Co., Wellsville, O.
1455. TUBING MACHINES.	Birmingham Iron Foundry, Birmingham, Conn.
1456. WASHER MACHINES.	National Machinery Co., Tiffin, O.
1457. WELDING MACHINES.	Long & Allstatter Co., Hamilton, O.
A. ELECTRIC WELDING APPARATUS.	Thomas Electric Welding Co., Boston, Mass.
1458. WORM HOBS.	L. S. Starrett Co., Athol, Mass.

MINING.

1459. AGITATORS.	Edward P. Allis Co., Milwaukee, Wis. Carroll-Porter Boiler & Tank Co., Pittsburg, Pa. Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill. Griffith & Wedge Co., Zanesville, O. Riter-Conly Co., Pittsburg, Pa.
1460. AIR COMPRESSORS.	Edward P. Allis Co., Milwaukee, Wis.

American Well Works, Aurora, Ill.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 91 Liberty St., New York.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
A. G. Burton & Son, 46 S. Clinton St., Chicago, Ill.
Chandler & Taylor Co., Indianapolis, Ind.
Clark Novelty Co., 380 Exchange St., Rochester, N. Y.
Clayton Air Compressor Works, 26 Cortlandt St., New York.
Cleveland Faucet Co., Cleveland, O.
Cox & Sons Co., 215 Race St., Philadelphia, Pa.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crescent Iron Works, Springfield, Mo.
Curtis & Co., 22d St. & Washington Av., St. Louis, Mo.
C. H. Dempwolf & Co., York, Pa.
Dickson Mfg. Co., Scranton, Pa.
Abner Doble Co., San Francisco, Cal.
P. P. Emory Mfg. Co., Springfield, Mass.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frontier Iron Works, Detroit, Mich.
W. T. Garratt & Co., Inc., San Francisco, Cal.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Guild & Garrison, 463 Kent Av., Brooklyn, N. Y.
Hall Steam Pump Co., Pittsburg, Pa.
M. C. Hammett, Troy, N. Y.
Ingersoll-Sergeant Drill Co., 26 Cortlandt St., New York.
Keenan Bros. Mfg. Co., 184 Washington St., Chicago, Ill.
Kenney & Co., Scottdale, Pa.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Samuel L. Moore & Sons' Co., Elizabeth, N. J.
Morris County Machine & Iron Co., Dover, N. J.
Norwalk Iron Works, Co., South Norwalk, Conn.
Parke & Lacy Co., San Francisco, Cal.
Phila. Engineering Works, Miffin & Meadow Sts., Phila., Pa.
Rand Drill Co., 100 Broadway, New York.
Rarig Engineering Co., Columbus, O.
Reading Iron Co., Reading, Pa.
Risdon Iron & Locomotive Works, San Francisco, Cal.
St. Louis Steam Engine Co., Commercial St., St. Louis, Mo.
H. B. Smith Machine Co., Smithville, N. J.
Utah & Montana Machinery Co., Salt Lake City, Utah.

A. AIR COMPRESSOR GOVERNORS. Monarch Governor & Machine Co., Indianapolis, Ind.

B. AUTOMATIC AIR COMPRESSORS. M. C. Hammett, 476 8th St., Troy, N. Y.

C. PORTABLE AIR COMPRESSORS. U. Baird Machinery Co., 123 Water St., Pittsburg, Pa.

1461. AIR RECEIVERS.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Clayton Air Compressor Works, 26 Cortlandt St., New York.
Dickson Mfg. Co., Scranton, Pa.
McKiernan Drill Co., 120 Liberty St., New York.
Rand Drill Co., 100 Broadway, New York.
Vulcan Iron Works, Wilkes-Barre, Pa.

1462. AMALGAMATORS.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.

1463. AMALGAM RETORTS & CONDENSERS.
A. J. Beckley & Son, Garwood, N. J.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Juan G. Ribon, Jersey City, N. J.
D. R. Sperry & Co., Batavia, Ill.

1464. AMALGAM SAFES.
Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Juan G. Ribon, Jersey City, N. J.

1465. ARRASTRAS. Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

1466. BLASTING CABLE REELS. Arthur Kirk & Son, Pittsburg, Pa.

1467. BROMINATION MILLS. Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

1468. CABLEWAYS, MINING. Lidgerwood Mfg. Co., 96 Liberty St., New York.

1469. CAGES, MINING. Edward P. Allis Co., Milwaukee, Wis.

M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster, Camp & Lane Mach. Co., Akron, O.

A. SAFETY CAGES. Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Kenney & Co., Scottdale, Pa.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Litchfield Car Works, Litchfield, Ill.
Ottumwa Iron Works, Ottumwa, Iowa.
Vulcan Iron Works, Wilkes-Barre, Pa.

1470. CARS, MINING. Edward P. Allis Co., Milwaukee, Wis.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
American Engineering Wks., 204 Dearborn St., Chicago, Ill.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Arthur Koppel, 68 Broad St., New York.
Lansing Wheelbarrow Co., Lansing, Mich.
J. H. Montgomery Machinery Co., Curtis St., Denver, Col.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Peacocks Iron Works, Selma, Ala.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Sheffield Car Co., Three Rivers, Mich.
Star Mfg. Co., New Lexington, O.
G. L. Stuebner Iron Works, Long Island City, N. Y.

A. AMALGAM CARS. Wm. Ellison & Sons Mfg. Co., St. Louis, Mo.

1471. CHANNELING MACHINES.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.

1472. CHILIAN MILLS. Edward P. Allis Co., Milwaukee, Wis.

1473. CHLORINATING MACHINES.
Stearns-Rogers Mfg. Co., Denver, Col.

A. CHLORINATING BARRELS. Edward P. Allis Co., Milwaukee, Wis.

B. CHLORINATING MILLS. Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

1474. COAL MACHINERY. Belleville Pump & Skein Works, Belleville, Ill.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Ingersoll-Sergeant Drill Co., Havemeyer Bldg., New York.
Jeffrey Mfg. Co., Columbus, O.
Kenney & Co., Scottdale, Pa.
Ottumwa Iron Works, Ottumwa, Iowa.
Sullivan Machinery Co., Claremont, N. H.
Vulcan Iron Works, Wilkes-Barre, Pa.
Geo. D. Whitcomb Co., 86 Ohio St., Chicago, Ill.

A. COAL BREAKER ROLLS. Dickson Mfg. Co., Scranton, Pa.
Jeffrey Mfg. Co., Columbus, O.
Stedman's Foundry & Mach. Works, Aurora, Ind.
Taylor Iron & Steel Co., High Bridge, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. COAL BREAKERS. Dickson Mfg. Co., Scranton, Pa.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
C. W. Hunt Co., 45 Broadway, New York.
Jeffrey Mfg. Co., Columbus, O.
Kenney & Co., Scottdale, Pa.
John T. Noye Mfg. Co., Buffalo, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.

C. COAL COUNTING REGISTERS. C. W. Hunt Co., 45 Broadway, New York.

D. COAL DISTRIBUTORS. Ottumwa Iron Works, Ottumwa, Iowa.

E. COAL DUMPS. Buffalo Scale Co., Buffalo, N. Y.
Litchfield Car Works, Litchfield, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

F. COAL MINE CARTRIDGE PINS. Piqua Handle & Mfg. Co., Piqua, O.

G. COAL WASHING MACHINES. Geo. S. Comstock, Mechanicsburg, Pa.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Jeffrey Mfg. Co., Columbus, O.
Jenkins & Lingle, Bellefonte, Pa.

H. ELECTRIC COAL MINING MACHINES. Jeffrey Mfg. Co., Columbus, O.

I. TROMMELS. Edward P. Allis Co., Milwaukee, Wis.

1475. CORNISH ROLLS. Edward P. Allis Co., Milwaukee, Wis.

Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Juan G. Ribon, Jersey City, N. J.
Stearns-Rogers Mfg. Co., Denver, Col.
Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.

1476. CRUSHERS, MINING.
C H. Dempwolf & Co., York, Pa.
Jeffrey Mfg. Co., Columbus, O.
S. S. Messinger & Son, Tatamy, Pa.
Standard Steel Works, 1103 Harrison Bldg., Phila., Pa.
Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.

A. CRUSHER PLATES.
Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.

B. ORE BINS.
Allison, Bremer & Allison, Port Carbon. Pa.
Birmingham Iron Foundry, Birmingham, Conn.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Litchfield Machine Co., Litchfield, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

C. ORE CRUSHERS.
Edward P. Allis Co., Milwaukee, Wis.
American Road Mach. Co., Kennett Square, Pa.
T. A. Blake, New Haven, Conn.
Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
Kenney & Co., Scottdale, Pa.
Henry Martin Brick Mach. Mfg. Co., Lancaster, Pa.
George F. Motter & Sons, York, Pa.
National Machinery Co., Tiffin, O.
Parke & Lacy Co., San Francisco, Cal.
Robinson & Rea Mfg. Co., 329 Water St., Pittsburg, Pa.
Sprout-Waldron & Co., Muncy, Pa.
Stearns-Roger Mfg. Co., Denver, Col.
Sturtevant Mill Co., Harrison Sq., Boston, Mass.
Totten & Hogg Iron & Steel Fdy. Co., Inc., Pittsburg, Pa.

D. ORE CRUSHING SHOES & DIES.
Chester Steel Castings Co., 407 Library St., Phila., Pa.
Chrome Steel Works, Brooklyn, N. Y.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Taylor Iron & Steel Co., High Bridge, N. J.

E. ORE FEEDERS.
Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Hammond Mfg. Co., 100 First St., Portland, Ore.
Joshua Hendy Mach. Works, San Francisco, Cal.
Parke & Lacy Co., 21 Fremont St., San Francisco, Cal.

F. ORE GATES.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Litchfield Mach. Co., Litchfield, Ill.

G. PHOSPHATE ROCK CRUSHERS.
Robt. Poole & Son Co., Baltimore, Md.
Stedman's Foundry & Mach. Works, Aurora, Ind.

H. PORTABLE CRUSHERS.
Farrel Foundry & Machine Co., Ansonia, Conn.

I. PULVERIZERS.
Edward P. Allis Co., Milwaukee, Wis.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Litchfield Machine Co., Litchfield, Ill.
Parke & Lacey Co., 23 Freemont St., San Francisco, Cal.

J. ROCK & STONE CRUSHERS.
Edward P. Allis Co., Milwaukee, Wis.
F. C. Austin Mfg. Co., Harvey, Ill.
A. J. Beckley & Co., Garwood, N. J.
T. A. Blake, New Haven, Conn.
Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
Thos. Carlin's Sons, Allegheny, Pa.
Clayton Air Compressor Works, 26 Cortlandt St., New York.
Diamond Drill & Mach. Co., Birdsboro, Pa.
Dicke Tool Co., Downer's Grove, Ill.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Ave., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Hammond Mfg. Co., 100 First St., Portland, Ore.
M. Hoagland Son Co., Rockaway, N. J.
Indiana Road Machine Co., Fort Wayne, Ind.
George F. Motter & Sons, York, Pa.
National Machinery Co. Tiffin, O.
Parke & Lacy Co., San Francisco, Cal.
Phila. Roll & Mach. Co., Wash'n Av. & S. 23d St., Phil., Pa.
Phillips & McLaren, Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.

Robinson & Rea Mfg. Co., 329 Water St., Pittsburg, Pa.
Totten & Hogg Iron & Steel Fdy. Co., Inc., Pittsburg, Pa.
Walker & Elliot, Wilmington, Del.
Western Wheeled Scraper Co., Aurora, Ill.

K. ROCK SALT CRUSHERS. Dickson Mfg. Co., Scranton, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

L. ROTARY CRUSHERS. Wm. F. Mosser & Son, Allentown, Pa.
Taylor Iron & Steel Co., High Bridge, N. J.

1477. CYANIDING MACHINES.

Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
Gold & Silver Extraction Co., Ltd., Denver, Col.
Stearns-Roger Mfg. Co., Denver, Col.

1478. DRILLS, MINING.

A. COAL DRILLS, AUGER TYPE. Beaver Falls Mfg. Co., Beaver Falls, Pa.
Howell's Mining Drill Co., Plymouth, Pa.
Jeffrey Mfg. Co., Columbus, O.
Link-Belt Mach. Co., 39th St. & Stewart Av., Chicago, Ill.
Nelsonville Foundry & Machine Co., Nelsonville, O.
Plymouth Drill Co., Plymouth, Pa.

B. COAL DRILLS, HAND. Beaver Falls Mfg. & Fuel Co., Beaver Falls, Pa.
Howell's Mining Drill Co., Plymouth, Pa.
Iwan Bros., Streator, Ill.
Jeffrey Mfg. Co., Columbus, O.

C. COAL DRILLS, POWER. Howell's Mining Drill Co., Plymouth, Pa.
Jeffrey Mfg. Co., Columbus, O.
Plymouth Drill Co., Plymouth, Pa.

D. COMPRESSED AIR DRILLS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Clayton Air Compressor Wks., 26 Cortlandt St., New York.
Dickson Mfg. Co., Scranton, Pa.
Howell's Mining Drill Co., Plymouth, Pa.
Ingersoll-Sergeant Drill Co., 26 Cortlandt St., New York.
McKiernan Drill Co., Patterson, N. J.
Pnillips Rock Drill Co., 40 N. 7th St., Phila., Pa.
Rand Drill Co., 100 Broadway, New York.
J. M. Rogers Boat, Gauge & Drill Wks., Gou'ter Cty., N. J.

E. CORE DRILLS. American Diamond Rock Drill Co., 120 Liberty St., N. Y.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Diamond Drill & Mach. Co., Birdsboro, Pa.
Wm. Ellison & Sons Mfg. Co., St. Louis, Mo.
John Muirhead, Pittston, Pa.
H. P. Simpson, Scranton, Pa.
Sullivan Machinery Co., Claremont, N. H.

F. ELECTRIC DRILLS. Thos. H. Dallett & Co., York St. & Sedgley Ave., Phila., Pa.
Howell's Mining Drill Co., Plymouth, Pa.
Jeffrey Mfg. Co., Columbus, O.
Stow Mfg. Co., Binghamton, N. Y. *18

G. PROSPECTING CORE DRILLS. American Diamond Rock Drill Co., 120 Liberty St., N. Y.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Sullivan Machinery Co., Claremont, N. H.

H. ROCK DRILLS. American Diamond Rock Drill Co., 120 Liberty St., N. Y.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Diamond Drill & Mach. Co., Birdsboro, Pa.
Howell's Mining Drill Co., Plymouth, Pa.
Ingersoll-Sergeant Drill Co., 26 Cortlandt St., New York.
Norwalk Iron Works Co., South Norwalk, Conn.
Parke & Lacy Co., San Francisco, Cal.
Phillips Rock Drill Co., Filbert & 7th Sts., Phila., Pa.
Pierce Well Engineering & Sup. Co., 123 Liberty, New York.
Rand Drill Co., 100 Broadway, New York.
Sullivan Machinery Co., Claremont, N. H.

I. ROCK DRILLS, HAND. Beaver Falls Mfg. & Fuel Co., Beaver Falls, Pa.
Howell's Mining Drill Co., Plymouth, Pa.
Jackson Drill & Mfg. Co., 120 Liberty St., New York.

J. STEAM DRILLS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Diamond Drill & Machine Co., Birdsboro, Pa.
Dickson Mfg. Co., Scranton, Pa.
Abner Doble Co., San Francisco, Cal.
Howell's Mining Drill Co., Plymouth, Pa.
Rand Drill Co., 100 Broadway, New York.
J. M. Rogers Boat, Gauge & Drill Wks., Glo'ster City, N. J.

K. STONE DRILLS. Collins & Co., Collinsville, Conn.
Abner Doble Co., San Francisco, Cal.
Henry H. Harvey, 105 High St., Boston, Mass.

1479. FURNACES, ORE SMELTING.
Edward P. Allis Co., Milwaukee, Wis.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.

A. CHLORIDIZING FURNACES.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Parke & Lacy Co., 21 Fremont St., San Francisco, Cal.

B. CUPELLING FURNACES.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Parke & Lacy Co., San Francisco, Cal.

C. REVOLVING ROASTING FURNACES.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Stearns-Rogers Mfg. Co., Denver, Col.

D. ROASTING FURNACES.
Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Parke & Lacy Co., San Francisco, Cal.
Stearns-Roger Mfg. Co., Denver, Col.

1480. GRAVITY INCLINE DRUMS.
Thomas Carlin's Sons, Allegheny, Pa.

1481. HEAD FRAMES, MINING.
Riter-Conly Co., Pittsburg, Pa.

1482. HYDRAULIC NOZZLES.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Andrew J. Morse & Son, Boston, Mass.
H. F. Neumeyer Mfg. Co., Macungie, Pa.

1483. INGOT EXTRACTORS.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Juan G. Ribon, Jersey City, N. J.

1484. INGOT MOULDS.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
S. Obermayer, Cincinnati, O.
Pittsburg Mfg. Co., Pittsburg, Pa.

1485. MAGNETIC SEPARATORS.
C. H. Dempwolf & Co., York, Pa.

1486. MINERAL EXTRACTORS.
Buffalo Scale Co., Buffalo, N. Y.

1487. MINERS' SUPPLIES.
D. Clint Prescott Co., Marinette, Wis.
Everhart Brass Works, Scranton, Pa.
Frankfort Handle Mfg. Co., Frankfort, Ind.
Gilbert & Barker Mfg. Co., 82 John St., New York.
J. Herbertson's Sons, Cadwallader, Pa.
Jeffrey Mfg. Co., Columbus, O.
Ezra H. Limley Supply Co., 714 N. 2d St., St. Louis, Mo.
Pratt Mfg. Co., 167 Wooster St., New York.
L. M. Rumsey Mfg. Co., 806 N. 2d St., St. Louis, Mo.

A. MINING SUPPLIES, ELECTRIC.
General Electric Co., Schenectady, N. Y.

1488. MINERS' TOOLS.
Anderson, Du Puy & Co., Pittsburg, Pa.
Beall Bros., Alton, Ill.
Carter & Co., Scranton, Pa.
Collins & Co., Collinsville, Conn.
Columbus Mfg. Co., Columbus, O.
Dayton Malleable Iron Co., Dayton, O.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
H. H. Harvey, 116 High St., Boston, Mass.
Iwan Bros., Streator, Ill.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
Verona Tool Works, Pittsburg, Pa.
Withington & Cooley Mfg. Co., Jackson, Mich.

1489. MINE SKIPS.
Edward P. Allis Co., Milwaukee, Wis.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Riter-Conly Co., Pittsburg, Pa.
Sheffield Car Co., Three Rivers, Mich.
Vulcan Iron Works, Wilkes-Barre, Pa.

1490. MINE VENTILATING FANS.
Edward P. Allis Co., Milwaukee, Wis.
Allison, Brenner & Allison, Port Carbon, Pa.
Belleville Pump & Skein Works, Belleville, Ill.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Wm. Clifford, Pittsburg, Pa.
Wm. E. Cole, Washington, Ind.

Crawford & McCrimmon, Brazil, Ind.
Danville Foundry Machine Co., Danville, Ill.
Dickson Mfg. Co., Scranton, Pa.
Eagle Iron Works, Des Moines, Iowa.
Exeter Machine Works, Pittston, Pa.
Finch Mfg. Co., Scranton, Pa.
General Electric Co., Schenectady, N. Y.
Kenney & Co., Scottdale, Pa.
Ottumwa Iron Works, Ottumwa, Iowa.
Vulcan Iron Works, Wilkes-Barre, Pa.

1491. MINING MACHINES.

Edward P. Allis Co., Milwaukee, Wis.
Allison, Brenner & Allison, Port Carbon, Pa.
Bangor Foundry & Engine Works, Bangor, Pa.
A. J. Beckley & Co., Garwood, N. J.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Crawford & McCrimmon, Brazil, Ind.
Danville Foundry & Machine Co., Danville, Ill.
Dickson Mfg. Co., Scranton, Pa.
Wm. Ellison & Sons Mfg. Co., St. Louis, Mo.
Estate of W. H. Stroh, Mauch Chunk, Pa.
Exeter Machine Works, Pittston, Pa.
Finch Mfg. Co., Scranton, Pa.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
General Electric Co., Schenectady, N. Y.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Howard Foundry & Machine Wks., 17 S. 18th St., Phila., Pa.
Ingersoll-Sergeant Drill Co., 26 Cortlandt St., New York.
Jeanesville Iron Works Co., Jeanesville, Pa. *7
Jeffrey Mfg. Co., Columbus, O.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Link-Belt Engineering Co., 49 Dey St., New York.
Litchfield Machine Co., Litchfield, Ill.
Matteson-Williamson Mfg. Co., Stockton, Cal.
Mecklenburg Iron Works, Charlotte, N. C.
J. & J. B. Milholland, Pittsburg, Pa.
Monongahela Mfg. Co., Monongahela, Pa.
John Mullen & Son, Shamokin, Pa.
Murray Iron Works Co., Burlington, Iowa.
Nelsonville Foundry & Machine Co., Nelsonville, O.
Ottumwa Iron Works, Ottumwa, Iowa.
Parke & Lacy Co., 21 Fremont St., San Francisco, Cal.
Phillips Mine Supply Co., Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Rand Drill Co., 100 Broadway, New York.
Juan G. Ribon, Jersey City, N. J.
St. Louis Iron & Machine Co., 1001 S. Main, St. Louis, Mo.
Scaife Foundry & Machine Co., Ltd., Pittsburg, Pa.
Stearns-Roger Mfg. Co., Denver, Col.
Sullivan Machinery Co., Claremont, N. H.
Tamaqua Mfg. Co., Tamaqua, Pa.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.
Webster Camp & Lane Machine Co., Akron, O.
Geo. D. Whitcomb Co., 86 Oliver St., Chicago, Ill.
Wolff & Zwicker Iron Works, Portland, Ore.

A. ELECTRIC COAL MINING MACHINES.

General Electric Co., Schenectady, N. Y.
Jeffrey Mfg. Co., Columbus, O.
Link-Belt Mach. Co., Stewart Av. & 39th St., Chicago, Ill.
Morgan-Gardner Electric Co., 2640 Shields Av., Chicago, Ill.

B. ELECTRIC MINING LOCOMOTIVES.

Baldwin Locomotive Works, 500 W. Broad St., Phila., Pa.
General Electric Co., Schenectady, N. Y.
Jeffrey Mfg. Co., Columbus, O.
Link-Belt Mach'y Co., Stewart Av. & 39th St., Chicago, Ill.
Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

C. MINING MACHINE SHOVELS.

Terre Haute Shovel & Tool Co., Terre Haute, Ind.

1492. ORE CHUTES.

Riter-Conly Co., Pittsburg, Pa.

1493. ORE CONCENTRATORS.

Edward P. Allis Co., Milwaukee, Wis.
A. J. Beckley & Co., Garwood, N. J.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.

Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
J. Hendy Machine Wks., 39 Fremont St., San Francisco, Cal.
Parke & Lacy Co., San Francisco, Cal.
Juan G. Ribon, Jersey City, N. J.
Stearns-Roger Mfg. Co., Denver, Col.
Webster, Camp & Lane Machine Co., Akron, O.

A. BUDDLES.
Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

B. CONCENTRATING MILLS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
J. H. Montgomery Machinery Co., Curtis St., Denver, Col.

1494. ORE DRYERS.
Edward P. Allis Co., Milwaukee, Wis.

1495. ORE SETTLERS.
Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Juan G. Ribon, Jersey City, N. J.

1496. ORE WASHERS.
Edward P. Allis Co., Milwaukee, Wis.
Geo. S. Comstock, Mechanicsburg, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
Jenkins & Lingle, Bellefonte, Pa.
Lebanon Mfg. Co., Lebanon, Pa.
Mecklenburg Iron Works, Charlotte, N. C.
Pennsylvania Bolt & Nut Co., Lebanon, Pa.

A. ORE JIGS.
Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Granger Foundry & Machine Co., Providence, R. I.
Jenkins & Lingle, Bellefonte, Pa.
Parke & Lacy Co., 21 Fremont St., San Francisco, Cal.

1497. PAN CONDENSERS.
Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.

1498. PANS, MINING.

A. AMALGAMATING PANS.
Edward P. Allis Co., Milwaukee, Wis.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Juan G. Ribon, Jersey City, N. J.

B. COMBINATION PANS.
Crawford & McCrimmon, Brazil, Ind.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Ottumwa Iron Works, Ottumwa, Iowa.

C. GOLD PANS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., Cass Av. & 2d St., St. Louis, Mo.

D. ORE PANS.
Thomas Carlin's Sons, Allegheny, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.

1499. PROSPECTING MACHINES.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Kelley & Taneyhill, Waterloo, Iowa.

1500. QUARRY MACHINERY.
Barnes Mfg. Co., Lanesboro, Pa.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Ingersoll-Sergeant Drill Co., 26 Cortlandt St., New York.
New Albany Mfg. Co., New Albany, Ind.
Ottumwa Iron Works, Ottumwa, Iowa.
Rand Drill Co., 100 Broadway, New York.
Sullivan Machinery Co., Claremont, N. H.

1501. RETORTS, MINING.
Denver Fire Clay Co., Denver, Col.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
W. Hoskins, 51 Clark St., Chicago, Ill.

1502. REVOLVING DRYERS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Hersey Mfg. Co., South Boston, Mass.

1503. SAFETY HOOKS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Charles Runge Mfg. Co., Meriden, Conn.

1504. SHAFT COLUMNS.
Dickson Mfg. Co., Scranton, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

1505. SHAFT SAFEGUARDS.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

1506. SIGNALS, MINE.

A. ELECTRIC MINE SIGNALS.
Pittsburg Electrical & Machine Works, Pittsburg, Pa.

B. PNEUMATIC MINE SIGNALS.
Everhart Brass Works, Scranton, Pa.

1507. SIZERS, ORE & COAL.
R. Aitchison Perf. Metal Co., 269 Dearborn St., Chicago, Ill.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.

Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Siebel-Suessdorf Copper & Iron Mfg. Co., St. Louis, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.

A. HYDRAULIC SIZERS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

1508. SLATE MACHINERY.
Kehm Bros., Kutztown, Pa.
Lincoln Iron Works, Rutland, Vt.

1509. STAMP MILLS.
Edward P. Allis Co., Milwaukee, Wis.
Dickson Mfg. Co., Scranton. Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Hammond Mfg. Co., 100 First St., Portland, Ore.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Lombard Iron Works & Supply Co., Augusta, Ga.
J. H. Montgomery Machinery Co., Curtis St., Denver, Col.
Juan G. Ribon, Jersey City, N. J.
Stearns-Roger Mfg. Co., Denver, Col.

A. QUARTZ MILLS.
Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Joshua Hendy Machine Works, San Francisco, Cal.
Marshutz & Cantrell, San Francisco, Cal.
Parke & Lacy Co., 21 Fremont St., San Francisco, Cal.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

B. STAMP BATTERY PLATES.
R. Aitchison Perf. Metal Co., 269 Dearborn St., Chicago, Ill.

MOTIVE POWER.

1510. ARTESIAN WELL STEAM ENGINES.
American Well Works, Aurora, Ill.
Farrar & Trefts, Buffalo, N. Y.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Pierce Well Engineer. & Sup. Co., Liberty St., New York.
Struthers, Wells & Co., Warren, Pa.

1511. AUTOMATIC CUT-OFF STEAM ENGINES.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Armington & Sims Co., Providence, R. I.
Atlas Engine Works, Indianapolis, Ind.
Ball Engine Co., Erie, Pa.
Bay State Iron Works, Erie, Pa.
C. H. Brown & Co., Main, cor. Willow St., Fitchburg, Mass.
Buckeye Engine Co., Salem, O.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Chandler & Taylor Co., Indianapolis, Ind.
Clark Bros., Belmont, N. Y.
Comstock Mfg. Co., Kalamazoo, Mich.
Davenport Foundry & Mach. Co., Davenport, Iowa.
Dickson Mfg. Co., Scranton, Pa.
Erie City Iron Works, Erie, Pa.
Fitchburg Steam Engine Co., Fitchburg, Mass.
Frick Co., Waynesboro, Pa. *9
P. H. Glatfelter, Spring Forge, Pa.
Harrisburg Foundry & Machine Works, Harrisburg, Pa.
Byron Jackson Machine Wks., San Francisco, Cal.
Kensington Engine Wks., Ltd., Beach St., Phila. Pa.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
James Leffel & Co., Springfield, O.
Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
Mansfield Machine Works, Mansfield, O.
Maryland Mfg. & Construction Co., Baltimore, Md.
McIntosh, Seymour & Co., Auburn, N. Y.
Morris Machine Works, Baldwinsville, N. Y.
Murray Iron Works Co., Burlington, Iowa.
Novelty Iron Works, Dubuque, Iowa.
John T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Works Co., Meadville, Pa.
H. K. Porter & Co., Pittsburg, Pa.
Providence Steam Engine Co., Providence, R. I.
Putnam Machine Co., Fitchburg, Mass.
Racine Hardware Co., Racine, Wis.
Russell & Co., Massillon, O.
San Francisco Tool Works, San Francisco, Cal.
Noah Shaw & Co., Eau Claire, Wis.
Southwark Foundry & Machine Co., Philadelphia, Pa.
B. F. Sturtevant Co., Boston, Mass.

Valley Iron Works, Williamsport, Pa.
Watertown Steam Engine Co., Watertown, N. Y.
Webster, Camp & Lane Machine Co., Akron, O.
Wright Steam Engine Works, Newburg, N. Y.

A. THROTTLING CUT-OFF STEAM ENGINES.
James Leffel & Co., Springfield, O.
Mansfield Machine Works, Mansfield, O.

B. VARIABLE CUT-OFF STEAM ENGINES.
Bay State Iron Works, Erie, Pa.

1512. BEAM STEAM ENGINES.

A. CANE MILL BEAM STEAM ENGINES.
Augustus W. Colwell, 39 Cortlandt St., New York.
Robert Deeley & Co., 507 W. 32d St., New York.
Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.

B. CORLISS BEAM STEAM ENGINES.
Corliss Steam Engine Co., Providence, R. I.
Frick Co., Waynesboro, Pa. *9
Hoffman & Billings Mfg. Co., Milwaukee, Wis.

1513. BLOWING STEAM ENGINES.

F. C. Wells Steam Pump Wks., 116 Clinton St., Chicago, Ill.

1514. CABLE RAILROAD MACHINERY.

M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Hooven, Owens & Reutschler Co., Hamilton, O.
Jonson Engineering & Fdry. Co., Ft. E. 118th St., N. Y.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Robt. Poole & Son Co., Baltimore, Md.
Wm. T. Powers & Son, Grand Rapids, Mich.
Richmond Locomotive & Machine Works, Richmond, Va.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Co., Cleveland, O.

A. CABLE RAILWAY POWER PLANTS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Robt. Poole & Son Co., Baltimore, Md.
Walker Co., Cleveland, O.

B. RAILWAY CABLE GRIPS.
Chester Steel Castings Co., 407 Library St., Phila., Pa.
Robt. Poole & Son Co., Baltimore, Md.
Walker Co., Cleveland, O.
Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.

1515. CENTRAL VALVE STEAM ENGINES.

M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.

1516. CHEMICAL ENGINES.

F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.

1517. COMPOUND STEAM ENGINES.

J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
American Engine Co., Boundbrook, N. J.
Ball Engine Co., Erie, Pa.
Buckeye Engine Co., Salem, O.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Chandler & Taylor Co., Indianapolis, Ind.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fitchburg Steam Engine Works, Fitchburg, Mass.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Hewes & Phillips Iron Works, Newark, N. J.
A. L. Ide & Sons, Springfield, Ill.
Byron Jackson Machine Works, San Francisco, Cal.
Jonson Engineering & Fdry. Co., 541 E. 118th St., N. Y.
Morris Machine Works, Baldwinsville, N. Y.
Newburgh Ice Machine & Engine Co., Newburg, N. Y.
John T. Noye Mfg. Co., Buffalo, N. Y.
Payne Co., Inc., Elmira, N. Y.
Rice & Sargent Engine Co., Providence, R. I.
Sheriffs Mfg. Co., S. Water & Barclay Sts., Milwaukee, Wis.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Vanderbeck Tool Works, Hartford, Conn.
Watertown Steam Engine Co., Watertown, N. Y.
Webster Camp & Lane Machine Co., Akron, O.
Westinghouse Machine Co., East Pittsburg, Pa.

A. COMPOUND CONDENSING STEAM ENGINES.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
C. & G. Cooper Co., Mount Vernon, O.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fitchburg Steam Engine Co., Fitchburg, Mass.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Harrisburg Foundry & Mach. Works, Harrisburg, Pa.
A. L. Ide & Sons, Springfield, Ill.
Newburgh Ice Machine & Engine Co., Newburg, N. Y.
John T. Noye Mfg. Co., Buffalo, N. Y.
Rice & Sargent Engine Co., Providence, R. I.
Southwark Foundry & Machine Co., Philadelphia, Pa.

Weimer Machine Works Co., Lebanon, Pa.
Charles P. Willard & Co., 15 N. Canal St., Chicago, Ill.

B. COMPOUND CORLISS STEAM ENGINES.

M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
C. & G. Cooper Co., Mount Vernon, O.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Harrisburg Foundry & Mach. Works, Harrisburg, Pa.
Hewes & Phillips Iron Works, Orange St., Newark, N. J.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Lane & Bodley Co., Cincinnati, O.
Newburgh Ice Machine & Engine Co., Newburg, N. Y.
San Francisco Tool Works, San Francisco, Cal.
Weimer Machine Works Co., Lebanon, Pa.
R. Wetherill & Co., Chester, Pa.

C. COMPOUND HORIZONTAL STEAM ENGINES.

Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Newburgh Ice Machine & Engine Co., Newburg, N. Y.

D. COMPOUND VERTICAL STEAM ENGINES.

American Fire Engine Co., Seneca Falls, N. Y.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

1518. CORLISS STEAM ENGINES.

Edward P. Allis Co., Milwaukee, Wis.
Atlas Engine Works, Indianapolis, Ind.
Bates Machine Co., Joliet, Ill.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Clark Bros., Belmont, N. Y.
C. & G. Cooper Co., Mount Vernon, O.
Corliss Steam Engine Co., Providence, R. I.
Cox & Sons Co., 215 Race St., Philadelphia, Pa.
Dickson Mfg. Co., Scranton, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fishkill Landing Machine Co., Fishkill-on-Hudson, N. Y.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Harrisburg Foundry & Mach. Works, Harrisburg, Pa.
William A. Harris Steam Engine Co., Providence, R. I.
Heilman Machine Works, Evansville, Ind.
Hewes & Phillips Iron Works, Newark, N. J.
Hooven, Owens & Rentschler Co., Hamilton, O.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Murray Iron Works Co., Burlington, Iowa.
Newburgh Ice Machine & Engine Co., Newburg, N. Y.
Payne Co., Inc., Elmira, N. Y.
Phila. Engineering Works, Miffin & Meadow Sts., Phila., Pa.
Portland Co., Portland, Me.
Providence Steam Engine Co., Providence, R. I.
Rarig Engineering Co., Columbus, O.
Remington Machine Co., Wilmington, Del.
St. Louis Iron & Mach. Co., 1001 S. Main St., St. Louis, Mo.
Twin City Iron Works, 307 3d St., South, Minneapolis, Minn.
Vilter Mfg. Co., Milwaukee, Wis.
Watts-Campbell & Co., Newark, N. J.
Webster, Camp & Lane Machine Co., Akron, O.
Weimer Machine Works Co., Lebanon, Pa.
R. Wetherill & Co., Chester, Pa.
Wright Steam Engine Works, Newburg, N. Y.
York Mfg. Co., York, Pa.

1519. DOUBLE STEAM ENGINES.

Atlas Engine Works, Indianapolis, Ind.
Chandler & Taylor Co., Indianapolis, Ind.
Dickson Mfg. Co., Scranton, Pa.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
Morris Machine Works, Baldwinsville, N. Y.
Ottumwa Iron Works, Ottumwa, Iowa.
Southwark Foundry & Machine Co., Philadelphia, Pa.
B. F. Sturtevant Co., Boston, Mass.
Vulcan Iron Works, Wilkes-Barre, Pa.

1520. DREDGE STEAM ENGINES.

Cooke Locomotive & Machine Co., Paterson, N. J.
Sheriffs Mfg. Co., S. Water & Barclay Sts., Milwaukee, Wis.

1521. ELECTRIC ENGINES.

J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edw. P. Allis Co., Milwaukee, Wis.
General Electric Co., Schenectady, N. Y.
Valley Iron Works, Williamsport, Pa.

Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

1522. ELECTRIC ENGINE STOPS.

S. Freeman & Sons Mfg. Co., Racine, Wis.
Springfield Engine Stop Co., Springfield, Mass. *34 & 35

1523. FARM STEAM ENGINES.

Advance Thresher Co., Battle Creek, Mich.
Ames Iron Works, Oswego, N. Y.
Atlas Engine Works, Indianapolis, Ind.
Aultman & Taylor Machinery Co., Mansfield, O.
Aultman Co., Canton, O.
John Best, Lancaster, Pa.
Geo. W. Brown & Co., Galesburg, Ill.
Buffalo-Pitts Co., Buffalo, N. Y.
J. I. Case Threshing Machine Co., Racine, Wis.
C. & G. Cooper Co., Mount Vernon, O.
John S. Davis' Sons, Davenport, Iowa.
P. K. Dederick's Sons, Albany, N. Y.
Erie City Iron Works, Erie, Pa.
Frick Co., Waynesboro, Pa. *9
Gaar, Scott & Co., Richmond, Ind.
Griffith & Wedge Co., Zanesville, O.
Heilman Machine Works, Evansville, Ind.
Hench & Dromgold, York, Pa. *15
Huber Mfg. Co., Marion, O.
D. June & Co., Fremont, O.
O. S. Kelly Co., Springfield, O.
James Leffel & Co., Springfield, O.
Lombard Iron Works & Supply Co., Augusta, Ga.
Mansfield Machine Works, Mansfield, O.
Chas. Millar & Son, Utica, N. Y.
Minneapolis Threshing Machine Co., Minneapolis, Minn.
George F. Motter & Sons, York, Pa.
Nagle Engine & Boiler Works, Erie, Pa.
New Birdsall Co., Auburn, N. Y.
Nichols & Shepard Co., Battle Creek, Mich.
Oneida Iron Works, Oneida, N. Y.
Pomeroy Machine Co., Pomeroy, O.
Reeves & Co., Columbus, Ind.
Robinson & Co., Richmond, Ind.
M. Rumely Co., La Porte, Ind.
Russell & Co., Massillon, O.
Skinner Engine Co., Erie, Pa.
Smalley Mfg. Co., Manitowoc, Wis.
Southwark Foundry & Machine Co., Philadelphia, Pa.
A. W. Stevens Co., Auburn, N. Y.
Watertown Steam Engine Co., Watertown, N. Y.
Westinghouse Co., Schenectady, N. Y.
West Point Iron Works, West Point, Ga.
Williams Bros., 104 W. State St., Ithaca, N. Y.
Wood, Taber & Morse, Eaton, N. Y.

A. FARM STEAM ENGINES & PUMPS COMBINED.

Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
Trenton Iron Co., Trenton, N. J.

B. FARM STEAM ENGINES, STRAW BURNING.

Advance Thresher Co., Battle Creek, Mich.
Aultman & Taylor Machinery Co., Mansfield, O.
Aultman Co., Canton, O.
Benicia Agricultural Works, Benicia, Cal.
J. I. Case Threshing Machine Co., Racine, Wis.
Gaar, Scott & Co., Richmond, Ind.
Nichols & Shepard Co., Battle Creek, Mich.
M. Rumely Co., La Porte, Ind.
Russell & Co., Massilon, O.

C. FARM STEAM ENGINE TENDERS.

Aultman Co., Canton, O.
J. I. Case Threshing Machine Co., Racine, Wis.

1524. GAS & GASOLINE ENGINE GOVERNORS.

Monarch Governor & Machine Co., Indianapolis, Ind.

1525. GAS ENGINES.

Ajax Iron Works, Corry, Pa.
Edward P. Allis Co., Milwaukee, Wis.
American Well Works, Aurora, Ill.
Best Mfg. Co., San Leandro, Cal.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Chas. Brunner, Peru, Ill.
Buckeye Mfg. Co., Anderson, Ind.
Buffalo Indicator Co., Jamestown, N. Y.
J. I. Case Threshing Machine Co., Racine, Wis.
Charter Gas Engine Co., Sterling, Ill.
Columbus Machine Co., Columbus, O.

Dayton Globe Iron Works, Dayton, O.
Dickson Mfg. Co., Scranton, Pa.
Fairbanks Co., 311 Broadway, New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Frontier Iron Works, Detroit, Mich.
Gardner Motor Co., Ltd., New Orleans, La.
T. Garratt & Co., Inc., San Francisco, Cal.
Gas Engine & Power Co., Morris Dock, New York.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Knight Mfg. Co., Canton, O.
Lambert Gas & Gasoline Engine Co., Anderson, Ind.
Lombard Iron Works & Supply Co., Augusta, Ga.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Matteson & Williamson Mfg. Co., Stockton, Cal.
August Mietz, 128 Mott St., New York.
Miller Engine & Mfg. Co., Urbana, O.
Monitor Vapor Engine & Power Co., Grand Rapids, Mich.
Murray Iron Works Co., Burlington, Iowa.
H. Nadig & Bro. Mfg. Co., Allentown, Pa.
National Meter Co., 84 Chambers St., New York.
Newell Bros., Cleveland, O.
New Era Iron Works Co., Dayton, O.
Olds Gasoline Engine Works, Lansing, Mich.
Otto Gas Engine Works, Walnut & 33d Sts., Phila., Pa.
Payne Co., Inc., Elmira, N. Y.
Penn. Iron Works Co., 1306 Land Title Bldg., Phila., Pa.
Pierce Engine Co., Racine, Wis.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Racine Boat Mfg. Co., Racine, Wis.
Racine Hardware Co., Racine, Wis.
A. Rosenberg Co., 629 N. Carey St., Baltimore, Md.
J. W. Ruger Mfg. Co., 214 Chicago St., Buffalo, N. Y.
Skillin-Richards Mfg. Co., S. Jefferson St., Chicago, Ill.
Springfield Gas Engine Mfg. Co., Park St., Springfield, O.
Struthers, Wells & Co., Warren, Pa.
Van Duzen Gas Engine Co., 25 Broadway, Cincinnati, O.
F. M. Watkins Co., Cincinnati, O.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.
Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.
Westinghouse Machine Co., East Pittsburg, Pa.
White & Middleton Gas Engine Co., Baltimore, Md.
Witte Iron Works Co., 1215 Walnut St., Kansas City, Mo.
Wolverine Motor Works, Grand Rapids, Mich.

A. GAS ENGINES & PUMPS COMBINED.

Manhattan Machinery Co., 95 Liberty St., New York. *14
National Meter Co., 84 Chambers St., New York.
Otto Gas Engine Works, Walnut & 33d Sts., Phila., Pa.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

1526. GASOLINE ENGINES.

Ajax Iron Works, Corry, Pa.
American Well Works, Aurora, Ill.
Best Mfg. Co., San Leandro, Cal.
Brooklyn Railway Supply Co., Stamford, Conn.
Chas. Brunner, Peru, Ill.
Buckeye Mfg. Co.. Anderson, Ind.
J. I. Case Threshing Machine Co., Racine, Wis.
Charter Gas Engine Co., Sterling, Ill.
Columbus Machine Co., Columbus, O.
Dayton Globe Iron Works, Dayton, O.
Fairbanks Co., 311 Broadway, New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Frontier Iron Works, Detroit, Mich.
Frost Mfg. Co., Galesburg, Ga.
Gardner Motor Co., Ltd., New Orleans, La.
Thomas Hinds, Malone, N. Y.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Knight Mfg. Co., Canton, O.
Lambert Gas & Gasoline Engine Co., Anderson, Ind.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Monitor Vapor Engine & Power Co., Grand Rapids, Mich.
Munson Co., La Porte, Ind.
Murray Iron Works Co., Burlington, Iowa.
H. Nadig & Bro. Mfg. Co., Allentown, Pa.
Newell Bros., Cleveland, O.
New Era Iron Works Co., Dayton, O.
Novelty Iron Works, Dubuque, Iowa.
Olds Gasoline Engine Works, Lansing, Mich.
Otto Gas Engine Works, Walnut & 35th Sts., Phila., Pa.

Penn. Iron Works Co., 1306 Land Title Bldg., Phila., Pa.
Pierce Engine Co., Racine, Wis.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Racine Hardware Co., Racine, Wis.
A. Rosenberg Co., 629 N. Carey St., Baltimore, Md.
J. W. Ruger Mfg. Co., 214 Chicago St., Buffalo, N. Y.
Skillin-Richards Mfg. Co., S. Jefferson St., Chicago, Ill.
Springfield Gas Engine Co., Park St., Springfield, O.
Struthers, Wells & Co., Warren, Pa.
Van Duzen Gas Engine Co., Cincinnati, O.
Waterloo Gasoline Engine Co., Waterloo, Iowa.
F. M. Watkins Co., Cincinnati, O.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.
Westinghouse Machine Co., Pittsburg, Pa.
Chas. P. Willard & Co., 13 N. Canal St., Chicago, Ill.

A. PORTABLE GASOLINE ENGINES.
American Well Works, Aurora, Ill.
Charter Gas Engine Co., Sterling, Ill.

B. STATIONARY GASOLINE ENGINES.
Wolverine Motor Works, Grand Rapids, Mich.

1527. GAUGES.

A. AIR BRAKE GAUGES.
Ashton Valve Co., 271 Franklin St., Boston, Mass.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6

B. BACK PRESSURE GAUGES.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

C. COMBINATION GAUGES.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

D. ELECTRIC GAUGES.
Jas. P. Marsch & Co., 224 Wash. St., Chicago, Ill.
Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.

E. GAUGE BOARDS.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6

F. GAUGE GLASS WASHERS.
Home Rubber Co., Trenton, N. J.

G. GAUGE TESTING APPARATUS.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

H. HIGH PRESSURE ALARM GAUGES.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
D. McDonald & Co., Albany, N. Y.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

I. INDICATING GAUGES.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

J. LOCOMOTIVE GAUGES.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Ashton Valve Co., 271 Franklin St., Boston, Mass.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

K. LOCOMOTIVE SPRING BALANCES.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

L. MERCURIAL PRESSURE GAUGES.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Thomas Shaw, 915 Ridge Av., Philadelphia, Pa.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

M. RECORDING GAUGES.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Bristol Co., Waterbury, Conn.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.
Uehling, Steinert & Co., Ltd., Carlstadt, N. J.

N. SAFETY GAUGES.
Everhart Brass Works, Scranton, Pa.

O. STEAM GAUGE MOVEMENTS.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
D. S. Plumb, Newark, N. J.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.
Waterbury Mfg. Co., Waterbury, Conn.

P. STEAM GAUGES.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Ashton Valve Co., 271 Franklin St., Boston, Mass.
H. Belfield & Co., 435 N. Broad St., Phila., Pa.
Cleveland Steam Gauge Co., Cleveland, O.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
G. W. Davis & Co., 100 N. Clinton St., Chicago, Ill.
Frank Fowler, Louisville, Ky.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
McNab & Harlin Mfg. Co., Paterson, N. J.
Thomas Shaw, 915 Ridge Av., Philadelphia, Pa.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.
Taylor Bros. Co., Rochester, N. Y.
Watson-Stillman Co., 204 E. 43d St., New York.
A. Weiskopf, 96 S. Canal St., Chicago, Ill.
August Zaubitz, 48 Centre St., New York.

Q. TIME RECORDING GAUGES.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

R. WATER GAUGES.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Ashton Valve Co., 271 Franklin St., Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Eaton, Cole & Burnham Co., 253 Broadway, New York.
T. Garratt & Co., Inc., San Francisco, Cal.
G. M. Gregory, 214 Front St., New York.
Haydenville Co., Haydenville, Mass.
Kendall Mfg. Co., Buffalo, N. Y.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
McNab & Harlin Mfg. Co., Paterson, N. J.
Michigan Lubricator Co., 661 Beaubien St., Detroit, Mich.
Thomas Shaw, 915 Ridge Av., Philadelphia, Pa.
Springfield Brass Co., Springfield, O.
Standard Thermometer & Electric Co., Peabody, Mass.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
Yale & Towne Mfg. Co., Stamford, Conn.

S. WATER GAUGES, AUTOMATIC.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

T. WATER GAUGE TUBES, GLASS.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

1528. HAULING STEAM ENGINES.

Buffalo-Pitts Co., Buffalo, N. Y.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Crawford & McCrimmon, Brazil, Ind.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Kenney & Co., Scottdale, Pa.
J. S. Mundy, Newark, N. J.
Murray Iron Works Co., Burlington, Iowa.
Ottumwa Iron Works, Ottumwa, Iowa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster Camp & Lane Machine Co., Akron, O.

1529. HEAVY DUTY RAILWAY STEAM ENGINES, CORLISS TYPE VALVE.

Armington & Sims Co., Providence, R. I.

1530. HIGH SPEED STEAM ENGINES.

A. HIGH SPEED AUTOMATIC STEAM ENGINES.
American Fire Engine Co., Seneca Falls, N. Y.
Armington & Sims Co., Providence, R. I.
Atlas Engine Works, Indianapolis, Ind.
Ball Engine Co., Erie, Pa.
Buffalo Forge Co., Buffalo, N. Y.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Climax Mfg. Co., Corry, Pa.
Columbus Machine Co., Columbus, O.
Erie City Iron Works, Erie, Pa.
Fischer Foundry & Machine Co., Pittsburg, Pa.
Fitchburg Steam Engine Co., Fitchburg, Mass.
Frick Co., Waynesboro, Pa. *9
Geo. J. Fritz, 2008 S. 3d St., St. Louis, Mo.
Harrisburg Foundry & Mach. Works, Harrisburg, Pa.
Howard & Morse, 45 Fulton St., New York.
A. L. Ide & Sons, Springfield, Ill.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Morris Machine Works, Baldwinsville, N. Y.
Nagle Engine & Boiler Works, Erie, Pa.
John T. Noye Mfg. Co., Buffalo, N. Y.
Payne Co., Inc., Elmira, N. Y.
Portland Co., Portland, Me.
Racine Hardware Co., Racine, Wis.
Simonds Furnace Co., 50 Cliff St., New York.
Skinner Engine Co., Erie, Pa.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Stearns Mfg. Co., Erie, Pa.
Straight Line Engine Co., Syracuse, N. Y.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Westinghouse Machine Co., East Pittsburg, Pa.

B. HIGH SPEED CORLISS STEAM ENGINES.
Harrisburg Foundry & Mach. Works, Harrisburg, Pa.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.

C. HIGH SPEED VERTICAL STEAM ENGINES.
N. Y. Safety Steam Power Co., 107 Liberty St., New York.
Racine Hardware Co., Racine, Wis.

1531. HOISTING STEAM ENGINES.

Allentown Foundry & Machine Works, Allentown, Pa.

Edward P. Allis Co., Milwaukee, Wis.
Atlas Engine Works, Indianapolis, Ind.
John Best, Lancaster, Pa.
Alfred Box & Co., 813 N. Front St., Philadelphia, Pa.
Brown Hoisting & Conveying Machine Co., Cleveland, O.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
John F. Byers Machine Co., Ravenna, O.
Thomas Carlin's Sons, Allegheny, Pa.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
C. & G. Cooper Co., Mount Vernon, O.
Crawford & McCrimmon, Brazil, Ind.
Cyrus Currier & Sons, Newark, N. J.
P. K. Dedericks' Sons, Tivoli St., Albany, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Joseph Edwards & Co., 412 Water St., New York.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Fuller Iron Works, Providence, R. I.
Griffith & Wedge Co., Zanesville, O.
Joshua Hendy Machine Works, San Francisco, Cal.
J. Herbertson's Sons, Cadwallader, Pa.
C. W. Hunt Co., 45 Broadway, New York.
Edward Kendall & Sons, Cambridgeport, Mass.
Lebanon Mfg. Co., Lebanon, Pa.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Litchfield Car Works, Litchfield, Ill.
Mansfield Machine Works, Mansfield, O.
H. J. McKeown, Cincinnati, O.
Morris County Machine & Iron Co., Dover, N. J.
Geo. F. Motter & Sons, York, Pa.
J. S. Mundy, Newark, N. J.
Murray Iron Works Co., Burlington, Iowa.
H. Nadig & Bro. Mfg. Co., Allentown, Pa.
Ottumwa Iron Works, Ottumwa, Iowa.
Pacific Iron Works, Bridgeport, Conn.
Portland Co., Portland, Me.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Rawson & Morrison Mfg. Co., Boston, Mass.
Juan G. Ribon, Jersey City, N. J.
Roberts Engineering Co., Pittsburg, Pa.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Co., Cleveland, O.
Webster Camp & Lane Machine Co., Akron, O.
Weimer Machine Works Co., Lebanon, Pa.
Whittier Machine Co., Boston, Mass.

A. DUPLEX HOISTING STEAM ENGINES.
Dickson Mfg. Co., Scranton, Pa.
Pawling & Harnischfeger, Milwaukee, Wis.
Ryan-McDonald Mfg. Co., 44 Front St., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. ELECTRIC HOISTING STEAM ENGINES.
C. W. Hunt Co., 45 Broadway, New York.

C. FRICTION HOISTING STEAM ENGINES.
Crawford & McCrimmon, Brazil, Ind.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Knowlson & Kelly, Troy, N. Y.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. GASOLINE HOISTING STEAM ENGINES.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.

E. MINING STEAM ENGINES.
Allentown Foundry & Machine Works, Allentown, Pa.
Edward P. Allis Co., Milwaukee, Wis.
Atlas Engine Works, Indianapolis, Ind.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Estate of W. H. Stroh, Mauch Chunk, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Kenney & Co., Scottdale, Pa.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
J. S. Mundy, Newark, N. J.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Rarig Engineering Co., Columbus, O.
Juan G. Ribon, Jersey City, N. J.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

Webster Camp & Lane Machine Co., Akron, O.

F. QUARRY STEAM ENGINES.

Atlas Engine Works, Indianapolis, Ind.
Bangor Foundry & Engine Works, Bangor, Pa.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
J. S. Mundy, Newark, N. J.
Ottumwa Iron Works, Ottumwa, Iowa.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.

1532. HORIZONTAL STEAM ENGINES.

Anderson Foundry & Machine Works, Anderson, Ind.
Armington & Sims Co., Providence, R. I.
Atlas Engine Works, Indianapolis, Ind.
Ball Engine Co., Erie, Pa.
Bass Foundry & Machine Works, Fort Wayne, Ind.
Bay State Iron Works, Erie, Pa.
John Best, Lancaster, Pa.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
W. P. Callahan & Co., Dayton, O.
Chandler & Taylor Co., Indianapolis, Ind.
Climax Mfg. Co., Corry, Pa.
Cyrus Currier & Sons, Newark, N. J.
John S. Davis' Son, Davenport, Iowa.
Dickson Mfg. Co., Scranton, Pa.
Erie City Iron Works, Erie, Pa.
Excelsior Iron Works Co., Cleveland, O.
Exeter Machine Works, Exeter, N. H.
A. B. Farquhar & Co., York, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fitchburg Steam Engine Co., Fitchburg, Mass.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Geiser Mfg. Co., Waynesboro, Pa.
Griffith & Wedge Co., Zanesville, O.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Harrisburg Foundry & Machine Works, Harrisburg, Pa.
Heilman Machine Works, Evansville, Ind.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Kensington Engine Works, Ltd., Beach St., Phila., Pa.
James Leffel & Co., Springfield, O.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Lombard Iron Works & Supply Co., Augusta, Ga.
Mansfield Machine Works, Mansfield, O.
S. S. Messinger & Son, Tatamy, Pa.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Morris Machine Works, Baldwinsville, N. Y.
George F. Motter & Sons, York, Pa.
Nagle Engine & Boiler Works, Erie, Pa.
New York Central Iron Wks. Co., Geneva, N. Y.
Nichols, Langworthy Machine Co., Hope Valley, R. I.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
John T. Noye Mfg. Co., Buffalo, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Wm. T. Powers & Son, Grand Rapids, Mich.
Putnam Machine Co., Fitchburg, Mass.
Reading Iron Co., Reading, Pa.
Juan G. Ribon, Jersey City, N. J.
Rice & Sargent Mfg. Co., Providence, R. I.
Sinker-Davis Co., Indianapolis, Ind.
Skinner Engine Co., Erie, Pa.
Southwark Foundry & Machine Co., Philadelphia, Pa.
B. F. Sturtevant Co., Boston, Mass.
Jos. C. Todd, Newark, N. J.
Wm. Todd & Co., Youngstown, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Chas. P. Willard & Co., 13 N. Canal St., Chicago, Ill.
York Mfg. Co., York, Pa.

1533. HORSE POWERS.

Advance Thresher Co., Battle Creek, Mich.
American Well Works, Aurora, Ill.
Ames Plow Co., Quincy Hill, Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
Aultman & Taylor Machinery Co., Mansfield, O.
Benicia Agricultural Works, Benicia, Cal.
Blue Valley Mfg. Co., Manhattan, Kan.

Blymyer Iron Works Co., Cincinnati, O.
Bodley Wagon Co., Staunton, Va.
Brennan & Co., Louisville, Ky.
A. Buch's Sons, Elizabethtown, Pa.
Buffalo-Pitts Co., Buffalo, N. Y.
Cardwell Machine Co., Richmond, Va.
Thomas Carlin's Sons, Allegheny, Pa.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Geo. S. Comstock, Mechanicsburg, Pa.
Stephen G. Cree, Wheelock, Vt.
John S. Davis' Sons, Davenport, Iowa.
Hiram Deats, Jr., Pittstown, N. J.
P. K. Dederick's Sons, Albany, N. Y.
Deere & Mansur Co., Moline, Ill.
Eagle Machine Co., Lancaster, O.
Flint & Walling Mfg. Co., Kendallville, Ind.
Foos Mfg. Co., Springfield, O.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
A. W. Gray's Sons. Middletown Springs, Vt.
Heebner & Sons, Lansdale, Pa.
Hocking Valley Mfg. Co., Lancaster, O.
R. R. Howell & Co., Minneapolis, Minn.
Kelly & Taneyhill, 2 Chestnut St., Waterloo, Iowa.
Keystone Mfg. Co., Sterling, Ill.
Kingsland & Douglas Mfg. Co., St. Louis, Mo.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Litchfield Mfg. Co., Webster City, Iowa.
Livermore Foundry & Machine Co., Memphis, Tenn.
Mankato Mfg. Co., Mankato, Minn.
Marseilles Mfg. Co., Marseilles, Ill.
Minneapolis Threshing Mach. Co., Minneapolis, Minn.
Nichols & Shepard Co., Battle Creek, Mich.
E. H. Pease Mfg. Co., Racine, Wis.
J. E. Porter Co., Ottawa, Ill.
Juan G. Ribon, Jersey City, N. J.
Robinson & Co., Richmond, Ind.
Russell & Co., Massillon, O.
Salem Iron Works, Salem, N. C.
Sandwich Mfg. Co., Sandwich, Ill.
Silver Mfg. Co., Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Smith & Pomeroy, Kalamazoo, Mich.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Staver Carriage Co., 76th & Wallace Sts., Chicago, Ill.
Sterling Mfg. Co., Sterling, Ill.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vermont Farm Mach. Co., Bellows Falls, Vt.
Wheeler & Melick Machinery Co., Marathon, N. Y.
Whitman Agricultural Co., 8th St., St. Louis, Mo.
J. K. Wilder & Sons, Monroe, Mich.
Williams Bros., 104 W. State St., Ithaca, N. Y.

A. DOG POWERS.
S. S. Messinger & Son, Tatamy, Pa.
Vermont Farm Mach. Co., Bellows Falls, Vt.

B. ELEVATOR HORSE POWERS.
R. R. Howell & Co., Minneapolis, Minn.

C. GRAIN ELEVATOR HORSE POWERS.
E. H. Pease Mfg. Co., Racine, Wis.

D. GRINDING HORSE POWERS.
Appleton Mfg. Co., Batavia, Ill.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Buffalo-Pitts Co., Buffalo, N. Y.
Cardwell Machine Co., Richmond, Va.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
F. F. Collins Mfg. Co., San Antonio, Tex.
Flint & Walling Mfg. Co., Kendallville, Ind.
Fort Worth Iron Works, Fort Worth, Texas.
Goulds Mfg. Co., Seneca Falls, N. Y.
Grand Rapids Mfg. Co., Grand Rapids, Mich.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Hildreth Bros., Harvard, Mass.
Joliet Mfg. Co., Joliet, Ill.
Keystone Farm Mach. Co., Ltd., York, Pa.
Keystone Mfg. Co., Sterling, Ill.
King & Hamilton Co., Ottawa, Ill.

Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Lehr Agricultural Co., Fremont, O.
Marseilles Mfg. Co., Marseilles, Ill.
Massillon Engine & Thresher Co., Massillon, O.
Jas. H. McLain Co., Canton, O.
Nordyke & Marmon Co., Indianapolis, Ind.
Novelty Iron Works, Dubuque, Iowa.
Sandwich Mfg. Co., Sandwich, Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Edw. W. Walker & Co., Goshen, Ind.
Westinghouse Co., Schenectady, N. Y.

E. HOISTING HORSE POWERS. Lincoln Iron Works, Rutland, Vt.

F. PUMPING HORSE POWERS. F. F. Collins Mfg. Co., San Antonio, Tex.
Fort Worth Iron Works, Fort Worth, Tex.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Gould Mfg. Co., Seneca Falls, N. Y.
Lehr Agricultural Co., Fremont, O.
Jas. H. McLain Co., Canton, O.
Novelty Iron Works, Dubuque, Iowa.
U. S. Wind Engine & Pump Co., Batavia, Ill.

G. RAILWAY HORSE POWERS. Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
Belle City Mfg. Co., Racine, Wis.
F. F. Collins Mfg. Co., San Antonio, Texas.
P. K. Dederick's Sons, Albany, N. Y.
Ellis Keystone Agricultural Works, Pottstown, Pa.
A. B. Farquhar & Co., York, Pa.
Fort Worth Iron Works, Fort Worth, Texas.
A. W. Gray's Sons, Middletown Springs, Vt.
Hildreth Bros., Howard, Mass.
S. S. Messinger & Son, Tatamy, Pa.
Morton Mfg. Co., Muskegon Heights, Mich.
E. W. Ross Co., Springfield, O.
St. Albans Foundry Co., St. Albans, Vt.
Smalley Mfg. Co., Manitowoc, Wis.
Star Mfg. Co., Carpentersville, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Westinghouse Co., Schenectady, N. Y.
V. Wetherill, Doylestown, Pa.

H. SHEEP & GOAT POWERS. S. S. Messinger & Son, Tatamy, Pa.
Vermont Farm Mach. Co., Bellows Falls, Vt.

I. SWEEP HORSE POWERS. Appleton Mfg. Co., Batavia, Ill.
Belle City Mfg. Co., Racine, Wis.
J. I. Case Threshing Machine Co., Racine, Wis.
Geo. S. Comstock, Mechanicsburg, Pa.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Joliet Mfg. Co., Joliet, Ill.
St. Albans Foundry Co., St. Albans, Vt.
Westinghouse Co., Schenectady, N. Y.

J. THRESHING HORSE POWERS. Aultman Co., Canton, O.
Belle City Mfg. Co., Racine, Wis.
Cardwell Machine Co., Richmond, Va.
F. F. Collins Mfg. Co., San Antonio, Tex.
Ellis Keystone Agricultural Works, Pottstown, Pa.
A. B. Farquhar & Co., York, Pa.
Fort Worth Iron Works, Fort Worth, Tex.
Frick Co., Waynesboro, Pa. *9
A. W. Gray's Sons, Middletown Springs, Vt.
Keystone Farm Mach. Co., Ltd., York, Pa.
Jas. H. McLain Co., Canton, O.
S. S. Messinger & Son, Tatamy, Pa.
Minneapolis Threshing Machine Co., Minneapolis, Minn.
New Birdsall Co., Auburn, N. Y.
Nichols & Shepard Co., Battle Creek, Mich.
Novelty Iron Works, Dubuque, Iowa.
Roberts, Throp & Co., Three Rivers, Mich.
M. Rumely & Co., La Porte, Ind.
Russell & Co., Massillon, O.
L. Spense & Son, Martin's Ferry, O.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Westinghouse Co., Schenectady, N. Y.

K. TREAD HORSE POWERS. Appleton Mfg. Co., Batavia, Ill.
Belle City Mfg. Co., Racine, Wis.
J. I. Case Threshing Machine Co., Racine, Wis.

Hiram Deats, Jr., Pittstown, N. J.
S. S. Messinger & Son, Tatamy, Pa.
St. Albans Foundry Co., St. Albans, Vt.
Star Mfg. Co., Carpentersville, Ill.

1534. HOT AIR ENGINES.
Wm. Bayley & Sons Co., Milwaukee, Wis.
Bryant Iron Works Co., Buffalo, N. Y.
Delamater Iron Works, 22 Cortlandt St., New York.
Hood Furnace & Supply Co., Corning, N. Y.
Rider-Ericsson Engine Co., 22 Cortlandt St., New York.

1535. KEROSENE BURNING ENGINES.
Johnson & Field Co., Racine, Wis.
Pittsburg Locomotive & Car Works, Pittsburg, Pa.
Rochester Mach. Tool Works, Rochester, N. Y.
Shipman Engine Co., Boston, Mass.
Shipman Mfg. Co., Rochester, N. Y.
Union Gas Engine Co., San Francisco, Cal.
Union Machine Co., San Francisco, Cal.

1536. LAUNCH ENGINES.

A. GASOLINE LAUNCH ENGINES.
Racine Boat Mfg. Co., Racine, Wis.
Buckeye Mfg. Co., Anderson, Ind.
W. P. Callahan & Co., Dayton, O.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Gardner Motor Co., Ltd., New Orleans, La.
Hydro-Carbon Launch Co., New York.
Chas. B. King Co., Detroit, Mich.
Olds Gasoline Engine Works, Lansing, Mich.
Olin Gas Engine Co., Buffalo, N. Y.
Otto Gas Engine Works, Bourse & Walnut Sts., Phila., Pa.
Tygard Co., Pittsburg, Pa.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.
Wolverine Motor Works, Grand Rapids, Mich.

B. KEROSENE BURNING LAUNCH ENGINES.
Pittsburg Locomotive Car Works, Pittsburg, Pa.
Rochester Mach. Tool Works, Rochester, N. Y.
Shipman Engine Co., Boston, Mass.
Shipman Mfg. Co., Rochester, N. Y.
Union Gas Engine Co., San Francisco, Cal.
Union Machine Co., San Francisco, Cal.

C. NAPHTHA LAUNCH ENGINES.
Buckeye Mfg. Co., Anderson, Ind.
W. P. Callahan & Co., Dayton, O.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Gas Engine & Power Co., Morris Dock, New York.
Hydro-Carbon Launch Co., New York.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Olds Gasoline Engine Works, Lansing, Mich.
Olin Gas Engine Co., Buffalo, N. Y.
Otto Gas Engine Works, Bourse & Walnut Sts., Phila., Pa.
Tygard Co., Pittsburg, Pa.
Union Gas Engine Co., San Francisco, Cal.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.
Wolverine Motor Works, Grand Rapids, Mich.

D. STEAM LAUNCH ENGINES.
American Fire Engine Co., Seneca Falls, N. Y.
Herreshoff Mfg. Co., Bristol, R. I.
N. Y. Safety Steam Power Co., 30 Cortlandt St., New York.
Racine Hardware Co., Racine, Wis.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.

1537. LOCOMOTIVES.

A. COMPRESSED AIR LOCOMOTIVES.
Baldwin Locomotive Wks., 500 N. Broad St., Phila., Pa.
H. K. Porter & Co., Pittsburg, Pa.

B. ELECTRIC LOCOMOTIVES.
Baldwin Locomotive Wks., 500 N. Broad St., Phila., Pa.
General Electrical Co., Schenectady, N. Y.
Jeffrey Mfg. Co., Columbus, O.
Thomson-Houston Electric Co., Boston, Mass.
Webster, Camp & Lane Mach. Co., Akron, O.

C. GASOLINE LOCOMOTIVES.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.

D. GEARED LOCOMOTIVES.
Lima Locomotive & Mach. Co., Lima, O.
Stearns Mfg. Co., Erie, Pa.

E. STEAM LOCOMOTIVES.
Adonis & Price Locomotive Mach. Works, Nashville, Tenn.
Baldwin Locomotive Works, 500 N. Broad St., Phila., Pa.
Brooks Locomotive Works, Dunkirk, N. Y.
Cooke Locomotive & Mach. Co., Paterson, N. J.
Dickson Mfg. Co., Scranton, Pa.
Lima Locomotive & Mach. Co., Lima, O.
Manchester Locomotive Works, Manchester, N. H.
Mason Mach. Works, Taunton, Mass.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Pittsburg Locomotive & Car Works, Pittsburg, Pa.
H. K. Porter & Co., Pittsburg, Pa.

Portland Co., Portland, Me.
Rhode Island Locomotive Works, Providence, R. I.
Richmond Locomotive & Mach. Works, Richmond, Va.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Rogers Locomotive Co., Paterson, N. J.
Ryan-McDonald Mfg. Co., Baltimore, Md.
Schenectady Locomotive Works, Schenectady, N. Y.
Taunton Locomotive Works, Taunton, Mass.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.

1538. LOCOMOTIVES, LIGHT.

Baldwin Locomotive Wks., 500 N. Broad St., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Knowlson & Kelly, Troy, N. Y.
Lima Locomotive & Mach. Co., Lima, O.
H. K. Porter & Co., Pittsburg, Pa.
Portland Co., Portland, Me.
James Rees & Sons Co., Pittsburg, Pa.
Ryan-McDonald Mfg. Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

A. CONTRACTORS' LOCOMOTIVES. John F. Byers Mach. Co., Ravenna, O.

B. MINING LOCOMOTIVES. Akron Electrical Mfg. Co., Akron, O.

C. TRAMWAY LOCOMOTIVES. Climax Mfg. Co., Corry, Pa.

1539. MARINE ENGINES.

A. GAS MARINE ENGINES.
Daimler Mfg. Co., Long Island City, N. Y.
Gas Engine & Power Co., Morris Dock, New York.

B. GASOLINE MARINE ENGINES. Waterloo Gasoline Engine Co., Waterloo, Iowa.

C. PETROLEUM MARINE ENGINES.
Globe Iron Wks. Co., Center & Spruce Sts., Cincinnati, O.
Shipman Mfg. Co., Rochester, N. Y.

D. STEAM MARINE ENGINES.
S. Adams & Son, Rome, N. Y.
Atlantic Works, East Boston, Mass.
Bath Iron Works, Bath, Me.
Bay State Iron Works, Erie, Pa.
Chicago Ship Building Co., Chicago, Ill.
Cleveland Ship Bldg. Co., Cleveland, O.
Columbian Iron Wks. & Dry Dock Co., Baltimore, Md.
Davenport F. & Mach. Co., Davenport, Iowa.
Davis-Farrar Co., Erie, Pa.
Globe Iron Works Co., Cleveland, O.
J. Herbertson's Sons, Cadwallader, Pa.
Herreshoff Mfg. Co., Bristol, R. I.
Chas. Hillman Ship & Engine Bldg. Co., Beach St., Phil., Pa.
J. F. Hodge & Co., Detroit, Mich.
Wm. Kehoe & Co., Savannah, Ga.
Kingsford Foundry & Mach. Wks., Oswego, N. Y.
Lowell Model Co., Lowell, Mass.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Manistee Iron Works Co., Manistee, Mich.
Marine Iron Wks., Clybourn & Southport Avs., Chicago, Ill.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Morris Machine Works, Baldwinsville, N. Y.
Murray Iron Works Co., Burlington, Iowa.
Neafie & Levy S. & E. B. Co., 1336 Beach St., Phila., Pa.
Newport News Shipbuilding & Dry Dock Co., Newport, Va.
Ohio Machine Co., Middleport, O.
Portland Co., Portland, Me.
Racine Boat Mfg. Co., Racine, Wis.
Racine Hardware Co., Racine, Wis.
Risdon Iron & Locomotive Works, San Francisco, Cal.
St. Louis Iron & Mach. Co., St. Louis, Mo.
Sheriffs Mfg. Co., Milwaukee, Wis.
Shook, Anderson Mfg. Co., Inc., Pittsburg, Pa.
Skinner & Arnold Co., Albany, N. Y.
Henry R. Stickney, Portland, Me.
Westinghouse Machine Co., East Pittsburg, Pa.
Whitney Iron Works Co., New Orleans, La.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.
Wolff & Zwicker Iron Works, Portland, Ore.

E. TRIPLE STEAM STEERING ENGINES. Sheriffs Mfg. Co., Milwaukee, Wis.

1540. MOTOR CONTROLLERS.

Jenney Electric Mfg. Co., Indianapolis, Ind.
Morgan Engineering Co., Alliance, O.

1541. MOTORS, AUTOMOBILE CARRIAGE.
Manhattan Machinery Co., 95 Liberty St., New York. *14

1542. MOTORS, BENZINE, MARINE.
Wolverine Motor Works, Grand Rapids, Mich.

1543. MOTORS, COMPRESSED AIR.
Chisholm & Moore Mfg. Co., Cleveland, O.
Stow Flexible Shaft Co., N. 26th & Callowhill Sts., Phila., Pa.

1544. MOTORS, ELECTRIC.
Akron Electrical Mfg. Co., Akron, O.
American Engine Co., Boundbrook, N. J.
Armitage & Herschell Co., North Tonawanda, N. Y.
E. G. Barnard Co., Troy, N. Y.
Belknap Motor Co., Portland, Me.
Bullock Electric Mfg. Co., Cincinnati, O.
C. & C. Electric Co., 143 Liberty St., New York.
Card Electric Co., Mansfield, O.
Commercial Electric Co., Indianapolis, Ind.
Crescent Iron Works, Springfield, Mo.
Crocker-Wheeler Electric Co., 59 Cortlandt St., New York.
Thos. H. Dallett & Co., York St., Philadelphia, Pa.
Diehl Mfg. Co., Elizabethport, N. J.
Eddy Electric Mfg. Co., Windsor, Conn. *25
Elbridge Electrical Mfg. Co., Elbridge, N. Y.
Elwell-Parker Electric Co., Cleveland, O.
Emerson Electric Mfg. Co., St. Louis, Mo.
Empire Engine & Motor Co., Orangeburg, N. Y.
Erie City Iron Works, Erie, Pa.
General Electric Co., Schenectady, N. Y.
Hobart Electric Mfg. Co., Troy, N. Y.
Howard Foundry & Mach. Wks., 17 S. 18th St., Phila., Pa.
Jenney Electric Mfg. Co., Indianapolis, Ind.
Kendrick & Davis, Lebanon, N. H.
Keystone Electric Co., Erie, Pa.
Lowell Model Co., Lowell, Mass.
Manhattan Machinery Co., 95 Liberty St., New York. *14
Marshall Bros., Pittsburg, Pa.
Ohio Electric Works, Cleveland O.
Pawling & Harnischfeger, Milwaukee, Wis.
Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
Reading Elec. Co., Reading, Pa.
Riker Elec. Motor Co., 45 York St., Brooklyn, N. Y.
A. Rosenberg Co., Baltimore, Md.
Roth Bros. & Co., 28 Market St., Chicago, Ill.
Sprague Elec. Co., 20 Broad St., New York.
Storey Motor & Tool Co., Trenton, N. J.
Thomson-Houston Elec. Co., Boston, Mass.
Thresher Electrical Co., Dayton, O.
Triumph Electric & Ice Mach. Co., Cincinnati, O.
Webster, Camp & Lane Mach. Co., Akron, O.
Westinghouse Elec. & Mfg. Co., Pittsburg, Pa.

A. ALTERNATING CURRENT MOTORS.
Fort Wayne Elec. Corporation, Fort Wayne, Ind.

B. BATTERY MOTORS.
C. & C. Electric Co., 143 Liberty St., New York.

C. DIRECT CONNECTED ELECTRIC MOTORS.
E. G. Bernard Co., Troy, N. Y.
Bullock Electric Mfg. Co., Cincinnati, O.
Crocker-Wheeler Elec. Co., 39 Cortlandt St., New York.
Fort Wayne Elec. Corporation, Fort Wayne, Ind.
Jenney Electric Mfg. Co., Indianapolis, Ind.
National Electric Co., Eau Claire, Wis.
Rochester Electric Motor Co., Rochester, N. Y.
Thresher Electric Co., Dayton, O.
Triumph Elec. & Ice Mach. Co., Cincinnati, O.

D. ELEVATOR MOTORS, ELECTRIC.
Card Electric Co., Mansfield, O.
Crocker-Wheeler Elec. Co., 39 Cortlandt St., New York.
Jenney Electric Mfg. Co., Indianapolis, Ind.
Thresher Electrical Co., Dayton, O.
Triumph Elec. & Ice Mach. Co., Cincinnati, O.

E. FAN MOTORS, ELECTRIC.
Cherry Electric Wks., 25 3d Av., New York.
Crocker-Wheeler Elec. Co., 39 Cortlandt St., New York.
Edison Phonograph Agency, 44 Broad St., New York.
Emerson Electric Mfg. Co., St. Louis, Mo.
Gordon Battery Co., 594 Broadway, New York.
Roth Bros. & Co., 28 Market St., Chicago, Ill.
Sprague Elec. Co., 20 Broad St., New York.

F. INCLOSED ELECTRIC MOTORS.
E. G. Bernard Co., Troy, N. Y.
Thresher Electric Co., Dayton, O.

G. MANICURING ELECTRIC MOTORS. A. Rosenberg Co., Baltimore, Md.

H. MULTI-POLAR MOTORS. Card Electric Co., Mansfield, O.
Erie City Iron Works, Erie, Pa.
Fort Wayne Elec. Corporation, Fort Wayne, Ind.
Jenney Elec. Mfg. Co., Indianapolis, Ind.
Thresher Electric Co., Dayton, O.

I. PORTABLE ELECTRIC MOTORS. Stow Mfg. Co., Binghamton, N. Y. *18

J. PRINTING PRESS MOTORS, ELECTRIC. Bullock Electric Mfg. Co., Cincinnati, O.
Jenney Elec. Mfg. Co., Indianapolis, Ind.
Triumph Elec. & Ice Mach. Co., Cincinnati, O.

K. REVERSIBLE ELECTRIC MOTORS. Keystone Electric Co., Erie, Pa.

1545. MOTORS, GAS. Daimler Mfg. Co., Long Island City, N. Y.

1546. MOTORS, GASOLINE. Amer. Motor Co., 32 Broadway, New York.
Daimler Mfg. Co., Long Island City, N. Y.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Munson Co., La Porte, Ind.
Wolverine Motor Works, Grand Rapids, Mich.

1547. MOTORS, HYDROCARBON. J. C. Blevney, Newark, N. J.

1548. MOTORS, MARINE. Truscott Boat Mfg. Co., St. Joseph, Mich.

1549. MOTORS, OIL FUEL. Daimler Mfg. Co., Long Island City, N. Y.
Byron Jackson Mach. Works, San Francisco, Cal.

1550. MOTOR SPEED REGULATORS. Cutler Hammer Mfg. Co., 76 W. Jackson Blvd., Chicago, Ill.
Jenney Elec. Mfg. Co., Indianapolis, Ind.
Thresher Electric Co., Dayton, O.

1551. MOTORS, SPRING. American Novelty Co., Stevens Point, Wis.

A. REVOLVING SPRING MOTORS. Fairies Mfg. Co., Decatur, Ill.

1552. MOTOR STARTERS, AUTOMATIC. Card Electric Co., Mansfield, O.

1553. MOTOR STARTING BOXES. Cutler Hammer Mfg. Co., 76 W. Jackson Blvd., Chicago, Ill.

1554. MOTORS, STEAM. Stow Flexible Shaft Co., N. 26th & Callowhill Sts., Phila., Pa.

1555. MOTORS, STREET & RAILWAY, ELECTRIC.
American Engine Co., Bound Brook, N. J.
General Electric Co., Schenectady, N. Y.
Loraine Steel Co., Loraine, O.
B. F. Sturtevant, Boston, Mass.
Thomson-Houston Elec., Co., Boston, Mass.
Triumph Electric Co., Cincinnati, O.
Westinghouse Elec. & Mfg. Co., Pittsburg, Pa.

1556. MOTORS, STREET & RAILWAY, STEAM.
Baldwin Locomotive Wks., 500 N. Broad St., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Kinetic Mfg. Co., 27 William St., New York.
H. K. Porter Co., Pittsburg, Pa.

1557. MOTORS, WATER. Amer. Impulse Wheel Co., 120 Liberty St., New York.
Backus Water Motor Co., Newark, N. J.
Belknap Motor Co., Portland, Me.
Cleveland Faucet Co., Cleveland, O.
Connersville Blower Co., Connersville, Ind.
Thos. Hall & Son, Boston, Mass.
Hunter Fan & Motor Co., Fulton, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
James Leffel & Co., Springfield, O.
Maryland Mfg. & Const. Co., Baltimore, Md.
Racine Malleable & Wrought Iron Co., Racine, Wis.
George J. Roberts & Co., Dayton, O.
A. Rosenberg Co., Baltimore, Md.
Ross Valve Co., Troy, N. Y.
Seymour & Whitlock, Newark, N. J.
Worthington Pumping Engine Co., 120 Liberty, New York.

1558. NAPHTHA ENGINES. Gas Engine & Power Co., Morris Dock Station, New York.
Monitor Vapor Engine & Power Co., Grand Rapids, Mich.
Wolverine Motor Works, Grand Rapids, Mich.

1559. OIL WELL STEAM ENGINES.
Edward S. Clark, Boston, Mass.
Climax Mfg. Co., Corry, Pa.
Colt's Pat. Firearms Mfg. Co., Hartford, Conn.
Erie City Iron Works, Erie, Pa.
Farrar & Trefts, Buffalo, N. Y.
Oil Well Supply Co., Pittsburg, Pa.

1560. PAPER MILL STEAM ENGINES.

James Pearman, Fulton, N. Y.
Taylor, Stiles & Co., Riegelsville, N. J.

1561. PETROLEUM ENGINES.

Best Mfg. Co., San Leandro, Cal.
Dickson Mfg. Co., Scranton, Pa.
August Mietz, 128 Mott St., New York.
Payne Co., Inc., Elmira, N. Y.
Rochester Mach. Tool Wks., Ltd., Rochester, N. Y.
Shipman Mfg. Co., Rochester, N. Y.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.

1562. PORTABLE STEAM ENGINES.

Edward P. Allis Co., Milwaukee, Wis.
Ames Iron Works, Oswego, N. Y.
Armstrong Mfg. Co., Springfield, O. *18
Atlantic Works, Boston, Mass.
Atlas Engine Works, Indianapolis, Ind.
Aultman & Taylor Mach. Co., Mansfield, O.
Aultman Co., Canton, O.
Bay State Iron Works, Erie, Pa.
John Best, Lancaster, Pa.
Birdsall Co., Auburn, N. Y.
Blymyer Iron Works Co., Cincinnati, O.
Buffalo-Pitts Co., Buffalo, N. Y.
J. I. Case Threshing Mach. Co., Racine, Wis.
Chandler & Taylor Co., Indianapolis, Ind.
H. Dudley Coleman Mach. Co., Ltd., New Orleans, La.
Colt's Pat. Firearms Mfg. Co., Hartford, Conn.
C. & G. Cooper Co., Mount Vernon, O.
Curtis & Co. Mfg. Co., St. Louis, Mo.
Defiance Machine Co., Defiance, O.
Erie City Iron Works, Erie, Pa.
A. B. Farquhar Co., Ltd., York, Pa.
S. Flory Mfg. Co., Bangor, Pa.
S. C. Forsaith Mach. Co., Manchester, N. H.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Geo. J. Fritz, St. Louis, Mo.
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Griffith & Wedge Co., Zanesville, O.
Groton Bridge & Mfg. Co., Groton, N. Y.
Harrisburg Foundry & Mach. Wks., Harrisburg, Pa.
Heilman Machine Works, Evansville, Ind.
Hench & Dromgold, York, Pa. *15
Huber Mfg. Co., Marion, O.
W. M. Hurlburt, Winona, Minn.
O. S. Kelly Co., Springfield, O.
Kratz Bros., Evansville, Ind.
Lane & Bodley Co., Cincinnati, O.
Lansing Boiler & Engine Works, Lansing, Mich.
Larzeler Mach. Co., Williamsport, Pa.
Lebanon Mfg. Co., Lebanon, Pa.
James Leffel & Co., Springfield, O.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Mansfield Machine Works, Mansfield, O.
Marion Mfg. Co., Marion, O.
McEwen Bros., Wellsville, N. Y.
Mecklenburg Iron Works, Charlotte, N. C.
Chas. Millar & Son, Utica, N. Y.
George F. Motter & Sons, York, Pa.
Murray Iron Works Co., Burlington, Iowa.
Nagle Engine & Boiler Works, Erie, Pa.
New Birdsall Co., Auburn, N. Y.
Nichols & Shepard Co., Battle Creek, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
W. D. Norton, Cincinnati, O.
Oil City Boiler Works, Inc., Oil City, Pa.
Oneida Iron Works, Oneida, N. Y.
Payne Co., Elmira, N. Y.
Phoenix Iron Works Co., Meadville, Pa.
Portland Co., Portland, Me.
Rand Drill Co., 100 Broadway, New York.
Reeves & Co., Columbus, Ind.
Robinson & Co., Richmond, Ind.
M. Rumely Co., La Porte, Ind.

Russell & Co., Massillon, O.
Ryan-McDonald Mfg. Co., Baltimore, Md.
San Francisco Tool Works, San Francisco, Cal.
Rheinhart Scheidler, Newark, O.
Sinker, Davis Co., Indianapolis, Ind.
Skinner Engine Co., Erie, Pa.
Smalley Mfg. Co., Manitowoc, Wis.
Smith, Myers & Schnier, Cincinnati, O.
Southwark Foundry & Machine Co., Philadelphia, Pa.
L. Spence & Son, Martin's Ferry, O.
Jas. C. Todd, Newark, N. J.
Watertown Steam Engine Co., Watertown, N. Y.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.
Westinghouse Co., Schenectady, N. Y.
West Point Iron Works, West Point, Ga.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.
Williams Bros., Ithaca, N. Y.
Williams, White & Co., Inc., Moline, Ill.
Winship Machine Co., Atlanta, Ga.
Wood, Taber & Morse, Eaton, N. Y.

A. PORTABLE STEAM ENGINES ON SKIDS.

Atlas Engine Works, Indianapolis, Ind.
John Best, Lancaster, Pa.
Blymyer Iron Works Co., Cincinnati, O.
Buffalo-Pitts Co., Buffalo, N. Y.
J. I. Case Threshing Mach. Co., Racine, Wis.
P. K. Dederick's Sons, Albany, N. Y.
Defiance Machine Co., Defiance, O.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
Frick Co., Waynesboro, Pa. *9
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Griffith & Wedge Co., Zanesville, O.
James Leffel & Co., Springfield, O.
Marshutz & Cantrell, San Francisco, Cal.
Nichols & Shepard Co., Battle Creek, Mich.
Juan G. Ribon, Jersey City, N. J.
Russell & Co., Massillon, O.
A. W. Stevens Co., Auburn, N. Y.
Trump Mfg. Co., Springfield, O.
Westinghouse Co., Schenectady, N. Y.
Wood, Taber & Morse, Eaton, N. Y.

B. PORTABLE STEAM ENGINES ON WHEELS.

Advance Thresher Co., Battle Creek, Mich.
Atlas Engine Works, Indianapolis, Ind.
C. Aultman Co., Canton, O.
John Best, Lancaster, Pa.
Blandy Machine Co., Zanesville, O.
Blymyer Iron Works Co., Cincinnati, O.
Buffalo-Pitts Co., Buffalo, N. Y.
J. I. Case Threshing Mach. Co., Racine, Wis.
P. K. Dederick's Sons, Albany, N. Y.
Defiance Machine Co., Defiance, O.
Erie City Iron Works, Erie, Pa.
A. B. Farquhar & Co., York, Pa.
S. C. Forsaith Mach. Co., Manchester, N. H.
Frick Co., Waynesboro, Pa. *9
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Griffith & Wedge Co., Zanesville, O.
Harrisburg Foundry & Mach. Works, Harrisburg, Pa.
Lansing Boiler & Engine Works, Lansing, Mich.
James Leffel & Co., Springfield, O.
Marshutz & Cantrell, San Francisco, Cal.
Nichols & Shepard Co., Battle Creek, Mich.
Juan G. Ribon, Jersey City, N. J.
A. W. Stevens Co., Auburn, N. Y.
Struthers, Wells & Co., Warren, Pa.
Westinghouse Co., Schenectady, N. Y.
Williams Bros., Ithaca, N. Y.
Wood, Taber & Morse, Eaton, N. Y.

C. VERTICAL PORTABLE STEAM ENGINES.

Blymyer Iron Works Co., Cincinnati, O.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
P. H. Glatfelter, Spring Forge, Pa.
Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
James Leffel & Co., Springfield, O.

N. Y. Safety Steam Power Co., 107 Liberty St., New York.
Sinker, Davis Co., Indianapolis, Ind.
Westinghouse Co., Schenectady, N. Y.
Williams Bros., Ithaca, N. Y.

1563. REVERSING STEAM ENGINES.

Atlas Engine Works, Indianapolis, Ind.
Thomas Carlin's Sons, Allegheny, Pa.
Chandler & Taylor Co., Indianapolis, Ind.
Dickson Mfg. Co., Scranton, Pa.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Morris Machine Works, Baldwinsville, N. Y.
Racine Hardware Co., Racine, Wis.
Southwark Foundry & Machine Co., Philadelphia, Pa.
William Tod & Co., Youngstown, O.
Jas. C. Todd, Newark, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.

1564. ROLLING MILL STEAM ENGINES.

Edward P. Allis Co., Milwaukee, Wis.
Atlas Engine Works, Indianapolis, Ind.
C. & G. Cooper Co., Mount Vernon, O.
Dickson Mfg. Co., Scranton, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Frick Co., Waynesboro, Pa. *9
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Portland Co., Portland, Me.
Rarig Engineering Co., Columbus, O.
Southwark Foundry & Machine Co., Philadelphia, Pa.
L. Spence & Son, Martin's Ferry, O.

1565. ROTARY STEAM ENGINES.

Lidgerwood Mfg. Co., 96 Liberty St., New York.

1566. SEMI-PORTABLE STEAM ENGINES.

Atlas Engine Works, Indianapolis, Ind.
Aultman Co., Canton, O.
Chandler & Taylor Co., Indianapolis, Ind.
James Leffel Co., Springfield, O.
New Birdsall Co., Auburn, N. Y.
Trump Mfg. Co., Springfield, O.
C. P. Willard Co., 15 N. Canal St., Chicago, Ill.
Larzeler Machine Co., Williamsport, Pa.

1567. SLIDE VALVE STEAM ENGINES.

Atlas Engine Works, Indianapolis, Ind.
John Best, Lancaster, Pa.
Brownell & Co., Dayton, O.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Chandler & Taylor Co., Indianapolis, Ind.
Crescent Iron Works, Springfield, Mo.
Erie City Iron Works, Erie, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fishkill Landing Mach. Co., Fishkill-on-the-Hudson, N. Y.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Griffith & Wedge Co., Zanesville, O.
Lane & Bodley Co., Cincinnati, O.
Larzeler Machine Co., Williamsport, Pa.
Morris Machine Works, Baldwinsville, N. Y.
George F. Motter & Sons, York, Pa.
Murray Iron Works Co., Burlington, Iowa.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Struthers, Wells & Co., Warren, Pa.
A. R. Thompson, Indianapolis, Ind.
Trump Mfg. Co., Springfield, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wickes Bros., Saginaw, Mich.
York Mfg. Co., York, Pa.

A. SLIDE VALVE CORLISS STEAM ENGINES.

Ball & Wood Co., 120 Liberty St., New York.
Brownell & Co., Dayton, O.
C. & G. Cooper Co., Mount Vernon, O.
Corliss Steam Engine Co., Providence, R. I.
Lane & Bodley Co., Cincinnati, O.

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1568. SPECIAL DUTY STEAM ENGINES.

Atlas Engine Works, Indianapolis, Ind.
Ball & Wood Co., 120 Liberty St., New York.
Corliss Steam Engine Co., Providence, R. I.
Lane & Bodley Co., Cincinnati, O.

Rarig Engineering Co., Columbus, O.

1569. STATIONARY STEAM ENGINES.

W. T. Adams Mach. Co., Corinth, Miss.
Ajax Iron Works, Corry, Pa.
Edward P. Allis Co., Milwaukee, Wis.
American Blower Co., Detroit, Mich.
American Fire Engine Co., Seneca Falls, N. Y.
American Well Works, Aurora, Ill.
Ames Iron Works, Oswego, N. Y.
Armitage & Hershell Co., North Tonawanda, N. Y.
Armitage & Sims Co., Providence, R. I.
Atlas Engine Works, Indianapolis, Ind.
Aultman & Taylor Machinery Co., Mansfield, O.
Aultman Co., Canton, O.
Ball Engine Co., Erie, Pa.
Bay State Iron Works, Erie, Pa.
John Best, Lancaster, Pa.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Thomas Carlin's Sons, Allegheny, Pa.
J. I. Case Threshing Mach. Co., Racine, Wis.
Castree & Shaw Co., Owosso, Mich.
Chandler & Taylor Co., Indianapolis, Ind.
Chickasaw Iron Works, Memphis, Tenn.
Cleveland Ship Building Co., Cleveland, O.
Climax Mfg. Co., Corry, Pa.
R. D. Cole Mfg. Co., Newman, Ga.
C. & G. Cooper Co., Mount Vernon, O.
Crawford & McCrimmon, Brazil, Ind.
Curtis & Co. Mfg. Co., St. Louis, Mo.
Robert Deeley & Co., Ft. W. 32d St., New York.
Diamond Drill & Mach. Co., Birdsboro, Pa.
Dickson Mfg. Co., Scranton, Pa.
Enterprise Mfg. Co., Columbiana, O.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
A. B. Farquhar & Co., York, Pa.
Farrar & Trefts, Buffalo, N. Y.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fishkill Landing Mach. Co., Fishkill-on-the-Hudson, N. Y.
Fitchburg Steam Engine Co., Fitchburg, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Frick Co., Waynesboro, Pa. *9
Frost Mfg. Co., Galesburg, Ga.
Gas Engine & Power Co., Morris Dock, N. Y.
Geiser Mfg. Co., Waynesboro, Pa.
Globe Iron Works Co., Cleveland, O.
Great Western Mfg. Co., Leavenworth, Kan.
I. & E. Greenwald Co., Cincinnati, O.
Geo. S. Grier, Milford, Del.
Wm. A. Harris Steam Engine Co., Providence, R. I.
Harrison Machine Works, Belleville, Ill.
Heilman Machine Works, Evansville, Ind.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Hooven, Owens & Rentschler Co., Hamilton, O.
Howard & Morse, 45 Fulton St., New York.
Howard Foundry & Mach. Works, 17 S. 18th St., Phila., Pa.
R. R. Howell & Co., Minneapolis, Minn.
Huber Mfg. Co., Marion, O.
C .W. Hunt Co., 45 Broadway, New York.
D. June & Co., Fremont, O.
Wm. Kehoe & Co., Savannah, Ga.
Kenney & Co., Scottdale, Pa.
Kensington Engine Works, Beach St., Philadelphia, Pa.
King & Sons, Corry, Pa.
Krajewski, Pesant & Co., 35 Broadway, New York. *18
Kratz Bros., Evansville, Ind.
Lane & Bodley Co., Cincinnati, O.
Lansing Boiler & Engine Works, Lansing, Mich.
Lawrence & Chapin Co., Kalamazoo, Mich.
Lawrence Machine Co., Lawrence, Mass.
Lebanon Mfg. Co., Lebanon, Pa.
James Leffel & Co., Springfield, O.
Leonard & McCoy, 118 Liberty St., New York.

Liddell & Co., Charlotte, N. C.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Litchfield Car Works, Litchfield, Ill.
Livermore Foundry & Mach. Co., Memphis, Tenn.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lowell Model Co., Lowell, Mass.
Duncan Mackenzie, Trenton, N. J.
Manistee Iron Works Co., Manistee, Mich.
Mansfield Mach. Works, Mansfield, O.
Maryland Mfg. & Const. Co., Baltimore, Md.
McEwen Bros., Wellsville, N. Y.
McIntosh, Seymour & Co., Auburn, N. Y.
Mecklenburg Iron Works, Charlotte, N. C.
Meridian Hay Press Mfg. Co., Meridian, Miss.
S. S. Messinger & Son, Tatamy, Pa.
Mesta Mach. Co., Lewis Block, Pittsburg, Pa.
Meyers & Co., Greenpoint, N. Y.
Minneapolis Threshing Mach. Co., Minneapolis, Minn.
Mitts & Merrill, East Saginaw, Mich.
Morris Machine Works, Baldwinsville, N. Y.
George F. Motter & Sons, York, Pa.
J. S. Mundy, Newark, N. J.
Murray Iron Works, Burlington, Iowa.
H. Nadig & Bro. Mfg. Co., Allentown, Pa.
Nagle Engine & Boiler Works, Erie, Pa.
Nelsonville Foundry & Mach. Co., Nelsonville, O.
Nordyke & Marmon Co., Indianapolis, Ind.
W. D. Norton, Cincinnati, O.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Oneida Iron Works, Oneida, N. Y.
Ottumwa Iron Works, Ottumwa, Iowa.
R. C. Paul & Sons, Cumberland, Md.
Penn. Iron Works Co., 1306 Land Title Bldg., Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Phoenix Mfg. Co., Eau Claire, Wis.
Pierce Engine Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Progress Mfg. Co., Meridian, Miss.
Providence Steam Engine Co., Providence, R. I.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Putnam Machine Co., Fitchburg, Mass.
Racine Hardware Co., Racine, Wis.
Reading Iron Co., Reading, Pa.
Reed Mfg. Co., Erie, Pa.
Juan G. Ribon, Jersey City, N. J.
Rice & Sargent Engine Co., Providence, R. I.
Richmond Locomotive & Mach. Works, Richmond, Va.
Richmond Mach. Works, Richmond, Ind.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Robinson & Cary Co., St. Paul, Minn.
Rochester Mach. Tool Works, Ltd., Rochester, N. Y.
Russell & Co., Massillon, O.
Ryan-McDonald Mfg. Co., Baltimore, Md.
Salem Iron Works, Salem, N. C.
Rheinhart Scheidler, Newark, O.
J. S. Schofield, Sons & Co., Macon, Ga.
Silver Mfg. Co., Salem, O.
Sinker-Davis Co., Indianapolis, Ind.
Skinner & Arnold Co., Albany, N. Y.
Skinner Engine Co., Erie, Pa.
Smith Sons Gin & Mach. Co., Birmingham, Ala.
Southern Engine & Boiler Works, Jackson, Tenn.
Southwark Foundry & Machine Co., Philadelphia, Pa.
L. Spence & Son, Martin's Ferry, O.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Stearns Mfg. Co., Erie, Pa.
Stevenson & Co., Wellsville, O.
Straight-Line Engine Co., Syracuse, N. Y.
Struthers, Wells & Co., Warren, Pa.
B. F. Sturtevant Co., Boston, Mass.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Wm. Tod & Co., Youngstown, O.
Jos. C. Todd, Newark, N. J.
Trump Mfg. Co., Springfield, O.

Valk & Murdock Iron Works, Charleston, S. C.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Watertown Steam Engine Co., Watertown, N. Y.
Webster, Camp & Lane Mach. Co., Akron, O.
Westinghouse Machine Co., East Pittsburg, Pa.
West Point Iron Works, West Point, Ga.
Wetherill & Co., Chester, Pa.
Geo. W. Whelands, Chattanooga, Tenn.
Whitney Iron Works Co., New Orleans, La.
Wilbraham Baker Blower Co., 2518 Frankford Av., Phil., Pa.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.
Winship Machine Co., Atlanta, Ga.
Wood, Taber & Morse, Eaton, N. Y.
Wright Steam Engine Works, Newburg, N. Y.

1570. STEAM BOILER ACCESSORIES.

Harrison Safety Boiler Wks., 17th St., Philadelphia, Pa.
National Blower Works, Milwaukee, Wis.

A. BOILER BREECHINGS.
Midvale Foundry Co., Ltd., Allentown, Pa.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.

B. BOILER FEEDERS.
Kitts Mfg. Co., Oswego, N. Y.
Q. & C. Co., 715 Western Union Bldg., Chicago, Ill.
George I. Roberts & Bros., 471 4th Av., New York.

C. BOILER FRONTS.
Avery Stamping Co., Cleveland, O.
Jno. Best, Lancaster, Pa.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
Chickasaw Iron Works, Memphis, Tenn.
Columbus Mfg. Co., Columbus, O.
Erie Engine Works, Erie, Pa.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Kutztown Foundry & Mach. Co., Kutztown, Pa.
R. Monroe & Son, Pittsburg, Pa.
Paxton & Vierling Iron Works, Omaha, Neb.
E. Rutzler, 178 Centre St., New York.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. BOILER OIL FEEDERS.
Wm. Powell Co., Cincinnati, O.

E. BOILER TRIMMINGS.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Jno. H. McGowan Co., 58 Central Av., Cincinnati, O.

F. BOILER WASHERS & TESTERS.
Rue Mfg. Co., 215 Race St., Philadelphia, Pa.

G. DOORS, ASH PIT.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Henry Braumoeller & Son, 92 W. Van Buren St., Chic., Ill.
Horne & Danz Co., St. Paul, Minn.
Phoenix Iron Co., Trenton, N. J.
Sinker-Davis Co., Indianapolis, Ind.
Wheeler Foundry Co., Worcester, Mass.

H. DOORS, BOILER.
Midvale Foundry Co., Ltd., Allentown, Pa.
Phoenix Iron Co., Trenton, N. J.
Sinker-Davis Co., Trenton, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wheeler Foundry Co., Worcester, Mass.

I. DOORS, FURNACE.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Phoenix Iron Co., Trenton, N. J.
Sinker-Davis Co., Indianapolis, Ind.

J. FEED WATER HEATERS.
W. T. Adams Mach. Co., Corinth, Miss.
Albany Steam Trap Co., Albany, N. Y.
Wm. Allen & Sons, Worcester, Mass.
Wm. Baragwanath & Son, 48 W. Division St., Chicago, Ill.
Best, Fox & Co., Pittsburg, Pa.
James Bonar & Co., Carnegie Bldg., Pittsburg, Pa.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Isaac B. Davis & Son, Hartford, Conn.
Erie City Iron Works, Erie, Pa.
Frick Co., Waynesboro, Pa. *9
Fuel Economizer Co., Matteawan, N. Y.
Goubert Mfg. Co., 14-16 Church St., New York.
A. A. Griffing Iron Co., 66 Centre St., New York.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
Harrison Safety Boiler Works, Gtn. Junc., Philadelphia, Pa.
Hoppes Mfg. Co., Springfield, O.
Benj. F. Kelly & Son, 91 Liberty St., New York.
Kensington Eng. Wks., Ltd., Beach & Vienna Sts., Phil., Pa.
Kroeschell Bros. Co., 29 Erie St., Chicago, Ill.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.

Monitor Water Purifier Co., Jackson, Mich.
George F. Motter & Sons, York, Pa.
Murray Iron Works Co., Burlington, Iowa.
Mason Mfg. Co., 71 Beekman St., New York.
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Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Wm. L. Oakes, Decatur, Ill.
Phila. Engineering Wks., Miffin & Meadow Sts., Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
James L. Robertson & Son, 204 Fulton St., New York.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Twin City Iron Works, 307 3d St., South, Minneapolis, Minn.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
R. Wetherill & Co., Chester, Pa.
Whitlock Coil Pipe Co., Elmwood, Conn. *30
Wickes Bros., Saginaw, Mich.

K. FEED WATER HEATERS & PURIFIERS.
Edward P. Allis Co., Milwaukee, Wis.
Harrison Safety Boiler Wks., Allegheny Av., Phila., Pa.
Hoppes Mfg. Co., Springfield, O.
Stewart Heater Co., 2 Norfolk Av., Buffalo, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Warren Webster & Co., Camden, N. J.
We Fu Go Co., Cincinnati, O.
Whitlock Coil Pipe Co., Elmwood, Conn. *30
Worthington Pumping Engine Co., 120 Liberty, New York.

L. FEED WATER HEATERS, LIME EXTRACTING.
Hoppes Mfg. Co., Springfield, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

M. FIRE FRONTS, BOILER.
Chickasaw Iron Works, Memphis, Tenn.
R. Monroe & Son, Pittsburg, Pa.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.

N. FLUE CONNECTIONS.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.

O. FUEL ECONOMIZERS, STEAM BOILER.
Broomell, Schmidt & Co., York, Pa.
Fuel Economizer Co., Matteawan, N. Y.
Westinghouse Machine Co., Pittsburg, Pa.

P. FUSIBLE PLUGS.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Belknap Mfg. Co., Bridgeport, Conn.
Connelly Iron Sponge & Gov. Co., 357 Canal St., New York.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
E. W. Vanduzen Co., Cincinnati, O.

Q. GAUGE COCKS.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Belknap Mfg. Co., Bridgeport, Conn.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Dickson Mfg. Co., Scranton, Pa.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Haydenville Co., Haydenville, Mass.
Jenkins Bros., 71 John St., New York.
Mayor, Lane & Co., 128 White St., New York.

R. GAUGE COCKS, BALL.
Haydenville Co., Haydenville, Mass.
Schäffer & Budenberg, 25 Bedford Av., Brooklyn, N. Y.

S. GAUGE COCKS, MARINE.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6

T. GAUGE COCKS, SELF-CLEANING.
Ashcroft Mfg. Co., 111 Liberty St., New York.

U. GAUGE COCKS, SIPHON.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6

V. GRATE BARS, BOILER.
Jas. L. Robertson & Sons, 204 Fulton St., New York.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.

W. HIGH & LOW WATER DETECTORS & ALARMS.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Detroit Lubricator Co., Detroit, Mich.
A. A. Griffing Iron Co., 66 Centre St., New York.
Michigan Lubricator Co., 661 Beaubien St., Detroit, Mich.
T. Shaw, 915 Ridge Av., Philadelphia, Pa.
E. W. Vanduzen Co., Cincinnati, O.

X. LIVE STEAM PURIFIERS.
Wm. Baragwanath & Son, 48 W. Division St., Chicago, Ill.
James Bonar & Co., Carnegie Bldg., Pittsburg, Pa.
Hoppes Mfg. Co., Springfield, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

Y. MECHANICAL STOCKERS.
American Stoker Co., 141 Broadway, New York.
Alfred Box & Co., Poplar & Canal Sts., Philadelphia, Pa.
Brightman Furnace Co., Cleveland, O.
Cahall Sales Department, Pittsburg, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Playford Stoker Co., Cleveland, O.

	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
	Westinghouse Machine Co., Pittsburg, Pa.
Z. MUD DRUMS.	Dickson Mfg. Co., Scranton, Pa.
	Erie City Iron Works, Erie, Pa.
	Sharon Boiler Works, Sharon, Pa.
	Stearns Mfg. Co., Erie, Pa.
AA. OIL ELIMINATORS.	Hoppes Mfg. Co., Springfield, O.
	Jas. L. Robertson & Sons, 204 Fulton St., New York.
BB. REGULATORS, DAMPER.	H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
	Crompton & Knowles Loom Works, Worcester, Mass.
	S. M. Davis Co., 100 N. Clinton St., Chicago, Ill.
	D'Esté & Seeley Co., Boston, Mass.
	Foster Engineering Co., 21 Prospect St., Newark, N. J.
	Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
	Kitts Mfg. Co., Oswego, N. Y.
	J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
	Mason Regulator Co., Boston, Mass.
	Nason Mfg. Co., 71 Beekman St., New York.
	E. Rutzler, 178 Centre St., New York.
	Union Water Meter Co., Worcester, Mass.
CC. REGULATORS, FEED WATER.	Best, Fox & Co., Pittsburg, Pa.
DD. REGULATORS, STEAM.	G. M. Davis & Co., 26 S. Jefferson St., Chicago, Ill.
	D'Esté & Seeley Co., Boston, Mass.
	Dickson Mfg. Co., Scranton, Pa.
	Fisher Governor Co., Marshalltown, Iowa.
	Gardner Governor Co., Quincy, Ill.
	Haydenville Co., Haydenville, Mass.
	Mason Regulator Co., 6 Oliver St., Boston, Mass.
	Ross Valve Co., Troy, N. Y.
	T. Shaw, 915 Ridge Av., Philadelphia, Pa.
	Worthington Pumping Eng. Co., 120 Liberty St., New York.
EE. SMOKE & GAS CONSUMING FURNACES.	Brightman Stoker Co., 201 River St., Cleveland, O.
	Playford Stoker Co., Cleveland, O.
FF. SMOKE CONSUMERS.	Williams & Lazier, 298 Main St., Buffalo, N. Y.
GG. SMOKE STACK BONNETS.	Howard & Morse, 45 Fulton St., New York.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
HH. SMOKE STACKS.	Thomas Carlin's Sons, Allegheny, Pa.
	Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
	Dalrymple Iron Works, Fair Haven, Vt.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	Frick Co., Waynesboro, Pa. *9
	Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
	Hazleton Boiler Co., 716 E. 13th St., New York.
	E. Hodge & Co., 160 Liverpool St., East Boston, Mass.
	R. R. Howell & Co., Minneapolis, Minn.
	Litchfield Car Works, Litchfield, Ill.
	Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
	Lombard Iron Wks. & Supply Co., Augusta, Ga.
	R. Munroe & Son, Pittsburg, Pa.
	Murray Iron Works Co., Burlington, Iowa.
	N. O. Roof. & Metal Wks., 92 Lafayette St., New Orleans, La.
	Wm. B. Pollock & Co., Youngstown, O.
	Portland Co., Portland, Me.
	Riter-Conly Co., Pittsburg, Pa.
	Schuylkill Foundry & Mach. Wks., Conschohocken, Pa.
	Standard Mfg. Co., 39 Cortlandt St., New York.
	Struthers, Wells & Co., Warren, Pa.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.
	York Mfg. Co., York, Pa.
II. SMOKE STACKS, SELF-SUPPORTING, STEEL.	Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
	Marietta Boiler Works, Marietta, O.
	Stirling Co., 608 Pullman Bldg., Chicago, Ill.
JJ. SMOKE STACKS, STEEL PLATE.	Davis & Farmer Mfg. Co., Waltham, Mass.
	Rarig Engineering Co., Columbus, O.
KK. STEAM BOXES.	Samuel Smith & Son, Paterson, N. J.
LL. STEAM TRAPS.	Albany Steam Trap Co., Albany, N. Y.
	American Blower Co., Detroit, Mich.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
	Buffalo Forge Co., Buffalo, N. Y.
	Crane Co., 10 N. Jefferson St., Chicago, Ill.
	G. M. Davis & Co., 100 Clinton St., Chicago, Ill.
	John Davis Co., 69 Michigan St., Chicago, Ill.
	D'Esté & Seeley Co., Boston, Mass.

Dickson Mfg. Co., Scranton, Pa.
Fairbanks Co., 311 Broadway, New York.
General Fire Extinguisher Co., Providence, R. I.
A. A. Griffing Iron Co., 66 Centre St., New York.
Wm. S. Haines Co., 136 S. 4th St., Philadelphia, Pa.
Harrison Safety Boiler Works, 17th St., Philadelphia, Pa.
Geo. Hawes & Sons, Providence, R. I.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Jenkins Bros., 71 John St., New York.
Kitts Mfg. Co., Oswego, N. Y.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Mason Regulator Co., 6 Oliver St., Boston, Mass.
Nason Mfg. Co., 71 Beekman St., New York.
Nat. Blower Wks., 17th St. & St. Paul Av., Milwaukee, Wis.
Pratt & Cady Co., Hartford, Conn.
Providence Steam Trap Co., Providence, R. I.
E. Rutzler, 178 Centre St., New York.
Schäffer & Budenberg, 25 Bedford Av., Brooklyn, N. Y.
Roe Stephens Mfg. Co., Detroit, Mich.
B. F. Sturtevant Co., Boston, Mass.
Thorpe, Platt & Co., 97 Cedar St., New York.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.

MM. STEAM TRAPS, AUTOMATIC.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.

NN. STEAM TRAPS, BALANCE VALVE.
G. M. Davis & Co., 26 S. Jefferson St., Chicago, Ill.
D'Esté & Seeley Co., Boston, Mass.
Nat. Blower Wks., 17th St. & St. Paul Av., Milwaukee, Wis.

OO. STEAM TRAPS, RETURN.
Albany Steam Trap Co., Albany, N. Y.

PP. VALVES, AIR.
Belknap Mfg. Co., Bridgeport, Conn.
Chapman Valve Mfg. Co., Boston, Mass.
Coffin Valve Co., Neponset, Mass.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
G. M. Davis & Co., 26 S. Jefferson St., Chicago, Ill.
Eddy Valve Co., Waterford, N. Y.
A. A. Griffing Iron Co., 66 Centre St., New York.
Gurney Heater Mfg. Co., 63 Franklin St., Boston, Mass.
Jenkins Bros., 71 John St., New York.
Ludlow Valve Mfg. Co., Troy, N. Y.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
H. B. Smith Co., Westfield, Mass.
B. F. Sturtevant Co., Boston, Mass.

QQ. VALVES, BACK PRESSURE.
Belknap Mfg. Co., Bridgeport, Conn.
G. M. Davis & Co., 26 S. Jefferson St., Chicago, Ill.
John Davis Co., 69 Michigan St., Chicago, Ill.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Fairbanks Co., 311 Broadway, New York.
Foster Engineering Co., 21 Prospect St., Newark, N. J.
M. C. Hammett, Troy, N. Y.
Jenkins Bros., 71 John St., New York.
Locke Regulator Co., Salem, Mass.
Pratt & Cady Co., Hartford, Conn.
Roe Stephens Mfg. Co., Detroit, Mich.

RR. VALVES, CHECK.
Albany Steam Trap Co., Albany, N. Y.
Ashton Valve Co., Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Chapman Valve Mfg. Co., Boston, Mass.
Consolidated Safety Valve Co., Bridgeport, Conn.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
A. J. Fullmer & Co., Camden, N. J.
Jenkins Bros., 71 John St., New York.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Kennedy Valve Mfg. Co., 75 John St., New York.
Ludlow Valve Mfg. Co., Troy, N. Y.
Lunkenheimer Co., 213-219 E. 8th St., Cincinnati, O.
A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
Michigan Brass & Iron Works, Detroit, Mich.
Rensselaer Mfg. Co., Cohoes, N. Y.
Ross Valve Co., Troy, N. Y.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

SS. VALVES, MARINE POP SAFETY.
Ashton Valve Co., 271 Franklin St., Boston, Mass.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Roe Stephens Mfg. Co., Detroit, Mich.

TT. VALVES, POP SAFETY.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.

Ashton Valve Co., 271 Franklin St., Boston, Mass.
Consolidated Safety Valve Co., 111 Liberty St., New York.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Dickson Mfg. Co., Scranton, Pa.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Lunkenheimer Co., 219 E. 8th St., Cincinnati, O.
Roe Stephens Mfg. Co., Detroit, Mich.

UU. VALVES, SAFETY.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Belknap Mfg. Co., Bridgeport, Conn.
Best, Fox & Co., Pittsburg, Pa.
Consolidated Safety Valve Co., Bridgeport, Conn.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Dickson Mfg. Co., Scranton, Pa.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Foster Engineering Co., 21 Prospect St., Newark, N. J.
Jenkins Bros, 71 John St., New York.
Lunkenheimer Co., 213-219 E. 8th St., Cincinnati, O.
Jno. H. McGowan Co., 58 Central Av., Cincinnati, O.

VV. VALVES, SPRING LOADED POP.
Consolidated Safety Valve Co., 111 Liberty St., New York.

WW. VALVES, STEAM PRESSURE REDUCING.
J. E. Lonergan & Co., 211 Race St., Phila., Pa.

XX. VALVES, STEAMSHIP.
Chapman Valve Mfg. Co., Indian Orchard, Mass.

YY. VALVES, WATER RELIEF.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashton Valve Co., 271 Franklin St., Boston, Mass.
Consolidated Safety Valve Co., 111 Liberty St., New York.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
D'Esté & Seeley Co., 19 Haverhill St., Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
J. E. Lonergan & Co., 211 Race St., Phila., Pa.
T. Shaw, 915 Ridge Av., Philadelphia, Pa.
Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.

ZZ. VERTICAL BOILER BASES.
P. J. Conroy, Island Rd. & S. 75th St., Philadelphia, Pa.
Kutztown Foundry & Machine Co., Kutztown, Pa.

AAA. WHISTLES, CHIME STEAM.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Kinsley Mfg. Co., Bridgeport, Conn.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Lunkenheimer Co., 219 E. 8th St., Cincinnati, O.

BBB. •WHISTLES, LOCOMOTIVE.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Dickson Mfg. Co., Scranton, Pa.

CCC. WHISTLES, STEAM.
American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.
H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Brightman Stoker Co., Cleveland, O.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Frontier Iron Works, Detroit, Mich.
A. J. Fullmer & Co., Camden, N. J.
W. T. Garratt & Co., Inc., San Francisco, Cal.
G. M. Gregory, 214 Front St., New York.
Lunkenheimer Co., 219 E. 8th St., Cincinnati, O.
McNab & Harlin Mfg. Co., Paterson, N. J.
Wm. Powell Co., 2525 Spring Grove Av., Cincinnati, O.
Springfield Brass Co., Springfield, O.

DDD. WHISTLES, STEAM, GONG.
Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Union Water Meter Co., Worcester, Mass.

1571. STEAM BOILERS.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
W. T. Adams Machine Co., Corinth, Miss.
Armitage & Herschell Co., North Tonawanda, N. Y.
Bath Iron Works, Bath, Me.
Chas. Brunner, Peru, Ill.
Thomas Carlin's Sons, Allegheny, Pa.
Carton Furnace Co., Utica, N. Y.
Castree & Shaw Co., Owosso, Mich.
Chandler & Taylor Co., Indianapolis, Ind.
R. D. Cole Mfg. Co., Newman, Ga.
Corliss Steam Engine Co., Providence, R. I.
Crescent Iron Works, Springfield, Mo.
Robert Deeley & Co., 507 W. 32d St., New York.
Enterprise Mfg. Co., Columbiana, O.
Erie City Iron Works, Erie, Pa.

A. B. Farquhar Co., Ltd., York, Pa.
S. C. Forsaith Machine Co., Manchester, N. H.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Frost Mfg. Co., Galesburg, Ga.
Giblin & Co., Utica, N. Y.
Gurney Heater Mfg. Co., 74 Franklin St., Boston, Mass.
Herendeen Mfg. Co., Geneva, N. Y.
Holt Mfg. Co., Stockton, Cal.
Howard Foundry & Mach. Works, 17 S. 18th St., Phila., Pa.
R. R. Howell & Co., Minneapolis, Minn.
International Heater Co., Utica, N. Y.
Wm. Kehoe & Co., Savannah, Ga.
Kenney & Co., Scottdale, Pa.
Thomson Kingsford, Oswego, N. Y.
Lansing Boiler & Engine Works, Lansing, Mich.
Lombard Iron Works & Supply Co., Augusta, Ga.
Manistee Iron Works Co., Manistee, Mich.
Mansfield Machine Works, Mansfield, O.
Meridian Hay Press Co., Meridian, Miss.
Minneapolis Threshing Machine Co., Minneapolis, Minn.
Geo. F. Motter & Sons, Princess St., York, Pa.
Murray Iron Works Co., Burlington, Iowa.
Nagle Engine & Boiler Works, Erie, Pa.
W. D. Norton, 6th & Carr Sts., Cincinnati, O.
Pierce, Butler & Pierce Mfg. Co., 20th St., Syracuse, N. Y.
Progress Mfg. Co., Meridian, Miss.
Racine Boat Mfg. Co., Racine, Wis.
Richmond Machine Works, Richmond, Ind.
Riter-Conly Co., Pittsburg, Pa.
Robinson & Cary Co., St. Paul, Minn.
Isaac A. Sheppard & Co., 1801 N. 4th St., Phila., Pa.
S. Morgan Smith Co., York, Pa.
Samuel Smith & Son, Paterson, N. J.
Southern Engine & Boiler Works, Jackson, Tenn.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
York Mfg. Co., York, Pa.

A. COIL BOILERS.
John Tregeser's Steam Copper Wks., 447 W. 26th, New York.
Chas. Ward, Charleston, W. Va.

B. CORNISH BOILERS.
C. Cunningham & Son, 627 Greenpoint Av., Brooklyn, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Quintard Iron Works, 742 E. 12th St., New York.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wolverine Motor Works, Grand Rapids, Mich.

C. CORNISH BOILERS, PORTABLE.
James Leffel & Co., Springfield, O.
Wolverine Motor Works, Grand Rapids, Mich.

D. DOUBLE FLUED BOILERS.
R. Munroe & Son, Pittsburg, Pa.

E. FARM ENGINE BOILERS.
Atlas Engine Works, Indianapolis, Ind.
Aultman & Taylor Machinery Co., Mansfield, O.
S. Freeman & Son Mfg. Co., Racine, Wis.
Frick & Co., Waynesboro, Pa. *9
James Leffel & Co., Springfield, O.
Geo. F. Motter & Sons, York, Pa.
Portland Co., Portland, Me.
Trump Mfg. Co., Springfield, O.

F. FIREBOX BOILERS.
Chandler & Taylor Co., Indianapolis, Ind.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.

G. FLUE BOILERS.
Atlas Engine Works, Indianapolis, Ind.
Jno. Best, Lancaster, Pa.
Birmingham Boiler Works, Birmingham, Ala.
J. I. Case Threshing Mach. Co., Racine, Wis.
John T. Coleman, Baltimore, Md.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Harrisburg Foundry & Mach. Works, Harrisburg, Pa.
Kensington Engine Wks., Ltd., 707 Arch St., Phila., Pa.
Jas. Leffel & Co., Springfield, O.
Moore & White Co., Lehigh Av., c. N. 15th St., Phila., Pa.
George F. Motter & Sons, York, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Juan G. Ribon, Jersey City, N. J.
Stearns Mfg. Co., Erie, Pa.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Trump Mfg. Co., Springfield, O.
Vulcan Iron Works, Wilkes-Barre, Pa.

Watertown Steam Engine Co., Watertown, N. Y.
Wetherill & Co., Chester, Pa.

H. GAS BOILERS.
George M. Clark & Co., 72 Lake St., Chicago, Ill.

I. HIGH PRESSURE BOILERS.
Atlas Engine Works, Indianapolis, Ind.
Chandler & Taylor Co., Indianapolis, Ind.
Rarig Engineering Co., Columbus, O.
Rochester Machine Tool Works, Rochester, N. Y.

J. HORIZONTAL BOILERS.
Edward P. Allis Co., Milwaukee, Wis.
Atlas Engine Works, Indianapolis, Ind.
Jno. Best, Lancaster, Pa.
Thomas Carlin's Sons, Allegheny, Pa.
Chandler & Taylor Co., Indianapolis, Ind.
John T. Coleman, Baltimore, Md.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
Fall River Machine Co., Fall River, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
S. Freeman & Son Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Griffith & Wedge Co., Zanesville, O.
Harrisburg Foundry & Mach. Wks., Harrisburg, Pa.
Kensington Engine Wks., Ltd., 212 Arch St., Phila., Pa.
Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
Jas. Leffel & Co., Springfield, O.
Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
George F. Motter & Sons, York, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Ronalds & Johnson Co., 54 Cliff St., New York.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Samuel Smith & Son, Paterson, N. J.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Trump Mfg. Co., Springfield, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.

K. LOCOMOTIVE BOILERS.
Atlas Engine Works, Indianapolis, Ind.
Bay State Iron Works, Erie, Pa.
Jno. Best, Lancaster, Pa.
Brooks Locomotive Works, Dunkirk, N. Y.
C. & G. Cooper Co., Mount Vernon, O.
Dickson Mfg. Co., Scranton, Pa.
Erie City Iron Works, Erie, Pa.
Fall River Machine Co., Fall River, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
Frick Co., Waynesboro, Pa. *9
E. Kendell & Sons, Cambridgeport, Mass.
Lane & Bodley Co., Cincinnati, O.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
Mason Machine Works, Taunton, Mass.
Morris Machine Works, Baldwinsville, N. Y.
George F. Motter & Sons, York, Pa.
R. Munroe & Son, Pittsburg, Pa.
Phoenix Iron Co., Trenton, N. J.
Pittsburg Locomotive & Car Works, Pittsburg, Pa.
Portland Co., Portland, Me.
James Rees & Sons Co., Pittsburg, Pa.
Juan G. Ribon, Jersey City, N. J.
Richmond Locomotive & Machine Works, Richmond, Va.
Rogers Locomotive Co., Paterson, N. J.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Samuel Smith & Son, Paterson, N. J.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Trump Mfg. Co., Springfield, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
York Mfg. Co., York, Pa.

L. MARINE BOILERS.
Edward P. Allis Co., Milwaukee, Wis.
Almy Water Tube Boiler Co., Providence, R. I.
P. Amerman & Son, Hartford, Conn.
Atlantic Works, 70 Border St., East Boston, Mass.
Jno. Best, Lancaster, Pa.
Brownell & Co., Dayton, O.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Edward S. Clark, 392 Atlantic Av., Boston, Mass.
Cleveland Ship Bldg. Co., 120 Viaduct, Cleveland, O.

John T. Coleman, Baltimore, Md.
Fall River Machine Co., Fall River, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Gas Engine & Power Co., Morris Dock, New York.
Globe Iron Works Co., Cleveland, O.
Heipershausen Bros., 43 Tompkins St., New York.
Herreshoff Mfg. Co., Bristol, R. I.
Chas. Hillman Ship & Eng. Bldg. Co., Beach St., Phila., Pa.
E. Hodge & Co., 160 Liverpool St., East Boston, Mass.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
Marietta Boiler Works, Marietta, O.
Marine Iron Wks., Clybourn & Southport Avs., Chicago, Ill.
R. Munroe & Son, Pittsburg, Pa.
Murray Iron Works Co., Burlington, Iowa.
Neafie & Levy Ship & Eng. Bldg. Co., Beach St., Phila., Pa,
Ohio Machine Co., Middleport, O.
Portland Co., Portland, Me.
Providence Steam Engine Co., Providence, R. I.
Racine Boat Mfg. Co., Racine, Wis.
James Rees & Sons Co., Pittsburg, Pa.
Skinner & Arnold Co., Albany, N. Y.
Samuel Smith & Son, Paterson, N. J.
Valk & Murdock Iron Works, 14 Hasell St., Charleston, S. C.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.
Chas. Ward, Charleston, W. Va.
R. Wetherill & Co., Chester, Pa.
Wickes Bros., Saginaw, Mich.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.
Wolff & Zwicker Iron Works, Portland, Ore.

M. OIL FUEL BOILERS.
R. Munroe & Son, Pittsburg, Pa.
Racine Hardware Co., Racine, Wis.
Rochester Machine Tool Works, Ltd., Rochester, N. Y.

N. OIL WELL BOILERS.
Erie City Iron Works, Erie, Pa.
Nagle Engine & Boiler Works, Erie, Pa.

O. PORTABLE BOILERS.
Almy Water Tube Boiler Co., Providence, R. I.
P. Amerman & Son, Hartford, Conn.
Ames Iron Works, Oswego, N. Y.
Atlas Engine Works, Indianapolis, Ind.
Jno. Best, Lancaster, Pa.
Chandler & Taylor Co., Indianapolis, Ind.
John T. Coleman, Baltimore, Md.
Dickson Mfg. Co., Scranton, Pa.
Erie City Iron Works, Erie, Pa.
S. C. Forsaith Mach. Co., Manchester, N. H.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Griffith & Wedge Co., Zanesville, O.
Harrison Safety Boiler Works, Gtn. Junc., Philadelphia, Pa.
Byron Jackson Mach. Works, San Francisco, Cal.
Kensington Eng. Wks., Ltd., Beach & Vienna Sts., Phil., Pa.
Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
James Leffel Co., Springfield, O.
Marietta Boiler Works, Marietta, O.
George F. Motter & Sons, York, Pa.
R. Munroe & Son, Pittsburg, Pa.
Nagle Engine & Boiler Works, Erie, Pa.
Oil City Boiler Works, Inc., Oil City, Pa.
Payne Co., Elmira, N. Y.
Phoenix Iron Works Co., Meadville, Pa.
Sinker-Davis Co., Indianapolis, Ind.
Struthers, Wells & Co., Warren, Pa.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Vulcan Iron Works, Wilkes-Barre, Pa.

P. SAFETY BOILERS.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Clonbrock Steel Boiler Co., 564 Smith St., Brooklyn, N. Y.
Erie City Iron Works, Erie, Pa.
Harrison Safety Boiler Works, Gtn. Junc., Philadelphia, Pa.
Hazelton Boiler Co., 716 E. 13th St., New York.
Heine Safety Boiler Co., 421 Oliver St., St. Louis, Mo.
H. B. Smith Co., Westfield, Mass.

Q. SECTIONAL BOILERS.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Detroit Screw Works, Detroit, Mich.
Harrison Safety Boiler Works, Gtn. Junc., Philadelphia, Pa.
Hazelton Boiler Co., 716 E. 13th St., New York.

Ingalls & Kendricken, 80 Sudbury St., Boston, Mass.
Nichols & Langworthy Mach. Co., Hope Valley, R. I.
H. B. Smith Co., Westfield, Mass.

R. STATIONARY BOILERS.

Abendroth & Root Mfg. Co., 28 Cliff St., New York.
P. Amerman & Son, Hartford, Conn.
Atlantic Works, 70 Border St., East Boston, Mass.
Atlas Engine Works, Indianapolis, Ind.
Babcock & Wilcox Co., 29 Cortlandt St., New York.
Bass Foundry & Machine Works, Fort Wayne, Ind.
Jno. Best, Lancaster, Pa.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Blandy Machine Co., Zanesville, O.
Broomell, Schmidt & Co., Ltd., York, Pa.
Buckeye Engine Co., Salem, O.
Chandler & Taylor Co., Indianapolis, Ind.
Cleveland Ship Building Co., 120 Viaduct, Cleveland, O.
John T. Coleman, Baltimore, Md.
C. & G. Cooper Co., Mount Vernon, O.
David M. Dillon, Fitchburg, Mass.
Edge Moor Iron Works, Wilmington, Del.
Erie City Iron Works, Erie, Pa.
Exeter Machine Works, Exeter, N. H.
Fall River Machine Co., Fall River, Mass.
Farrar & Trefts, Buffalo, N. Y.
Fishkill Landing Machine Co., Fishkill-on-Hudson, N. Y.
Geo. Fox's Sons, 509 W. 34th St., New York.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
I. & E. Greenwald Co., 248 E. Pearl St., Cincinnati, O.
Griffith & Wedge Co., Zanesville, O.
Harrisburg Foundry & Mach. Wks., Harrisburg, Pa.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hazelton Boiler Co., 716 E. 13th St., New York.
Heine Safety Boiler Co., 421 Olive St., St. Louis, Mo.
Heipershausen Bros., 43 Tompkins St., New York.
Hewes & Phillips Iron Works, Newark, N. J.
E. Hodge & Co., 160 Liverpool St., East Boston, Mass.
Byron Jackson Mach. Wks., San Francisco, Cal.
Kensington Eng. Wks., Ltd., Beach & Vienna Sts., Phil., Pa.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
Jas. Leffel & Co., Springfield, O.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Litchfield Car Works, Litchfield, Ill.
Jno. Mohr & Sons, Inc., 32 Illinois St., Chicago, Ill.
Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
George F. Motter & Sons, York, Pa.
Nagle Engine & Boiler Works, Erie, Pa.
Oil City Boiler Works, Inc., Oil City, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pittsburg Locomotive & Car Works, Pittsburg, Pa.
Pond Machinery Co., 707 Market St., St. Louis, Mo.
Portland Co., Portland, Me.
Providence Steam Engine Co., Providence, R. I.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Rhode Island Locomotive Works, Providence, R. I.
Richmond Locomotive & Machine Works, Richmond, Va.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Skinner & Arnold Co., Albany, N. Y.
Smith Sons Gin & Machine Co., Birmingham, Ala.
Struthers, Wells & Co., Warren, Pa.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Trump Mfg. Co., Springfield, O.
Tudor Boiler Mfg. Co., 244 E. Pearl St., Cincinnati, O.
Valk & Murdock Iron Wks., 14 Hasell St., Charlestown, S. C.
Vulcan Iron Works, Wilkes-Barre, Pa.
R. Wetherill & Co., Chester, Pa.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.
York Mfg. Co., York, Pa.

S. STEAM GENERATORS.

Almy Water Tube Boiler Co., Providence, R. I.
Atlas Engine Works, Indianapolis, Ind.
R. R. Howell & Co., Minneapolis, Minn.
McElroy Iron Works Co., Keokuk, Iowa.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
H. B. Smith & Co., Westfield, Mass.

Vulcan Iron Works, Wilkes-Barre, Pa.
Chas. Ward, Charleston, W. Va.

T. STEEL BOILERS.

Atlas Engine Works, Indianapolis, Ind.
Babcock & Wilcox Co., 29 Cortlandt St., New York.
Jno. Best, Lancaster, Pa.
Erie City Iron Works, Erie, Pa.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Gem City Boiler Co., Akron, O.
Harrisburg Foundry & Mach. Wks., Harrisburg, Pa.
Harrison Safety Boiler Works, Allegheny Av., Phila., Pa.
Jas. Leffel & Co., Springfield, O.
George F. Motter & Sons, York, Pa.
Otis Steel Co., Ltd., Cleveland, O.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Vulcan Iron Works, Wilkes-Barre, Pa.

U. TUBULAR BOILERS.

Almy Water Tube Boiler Co., Providence, R. I.
Atlas Engine Works, Indianapolis, Ind.
Jno. Best, Lancaster, Pa.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Chandler & Taylor Co., Indianapolis, Ind.
C. & G. Cooper Co., Mount Vernon, O.
Dickson Mfg. Co., Scranton, Pa.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Harrisburg Foundry & Mach. Wks., Harrisburg, Pa.
Hewes & Phillips Iron Works, Newark, N. J.
Jas. Leffel & Co., Springeld, O.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Moore & White Co., Lehigh Av., c. N. 15th St., Phila., Pa.
George F. Motter & Sons, York, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
James Rees & Sons Co., Pittsburg, Pa.
Russell & Co., Massillon, O.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Sharon Boiler Works, Sharon, Pa.
Stearns Mfg. Co., Erie, Pa.
Sulzer Machine Co., Louisville, Ky.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Trump Mfg. Co., Springfield, O.
Henry Vogt Machine Co., Louisville, Ky.
Vulcan Iron Works, Wilkes-Barre, Pa.
Watertown Steam Eng. Co., Watertown, N. Y.
Wetherill & Co., Chester, Pa.
Wickes Bros., Saginaw, Mich.
York Mfg. Co., York, Pa.

V. TUBULAR BOILERS, HORIZONTAL.

Edward P. Allis Co., Milwaukee, Wis.
Ames Iron Works, Oswego, N. Y.
Atlas Engine Works, Indianapolis, Ind.
Bay State Iron Works, Erie, Pa.
Chandler & Taylor Co., Indianapolis, Ind.
Erie City Iron Works, Erie, Pa.
Fall River Machine Co., Fall River, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Harrisburg Foundry & Mach. Wks., Harrisburg, Pa.
Hewes & Phillips Iron Works, Orange St., Newark, N. J.
Edw. Kendall & Sons, Cambridgeport, Mass.
Lansing Boiler & Engine Works, Lansing, Mich.
Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
Jas. Leffel & Co., Springfield, O.
George F. Motter & Sons, York, Pa.
R. Munroe & Son, Pittsburg, Pa.
New York Central Iron Works Co., Geneva, N. Y.
Phoenix Iron Works Co., Meadville, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Juan G. Ribon, Jersey City, N. J.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Sinker-Davis Co., Indianapolis, Ind.
Samuel Smith & Son, Paterson, N. J.
Struthers. Wells & Co., Warren, Pa.
Sulzer Machine Co., Louisville, Ky.

Taunton Locomotive Mfg. Co., Taunton, Mass.
Trump Mfg. Co., Springfield, O.
Henry Vogt Machine Co., Louisville, Ky.
Vulcan Iron Works, Wilkes-Barre, Pa.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.
York Mfg. Co., York, Pa.

W. TUBULAR BOILERS, MARINE.
Almy Water Tube Boiler Co., Providence, R. I.
Fall River Machine Co., Fall River, Mass.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Herreshoff Mfg. Co., Bristol, R. I.
E. Hodge & Co., 160 Liverpool St., East Boston, Mass.
Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
Portland Co., Portland, Me.
Racine Boat Mfg. Co., Racine, Wis.
Southwark Foundry & Machine Co., Philadelphia, Pa.

X. TUBULAR BOILERS, RETURN.
Birmingham Boiler Works, Birmingham, Ala.
Chandler & Taylor Co., Indianapolis, Ind.
Erie City Iron Works, Erie, Pa.

Y. TUBULAR BOILERS, VERTICAL.
Ames Iron Works, Oswego, N. Y.
Jno. Best, Lancaster, Pa.
Thos. Carlin's Sons, Allegheny, Pa.
Chandler & Taylor Co., Indianapolis, Ind.
John T. Coleman, Baltimore, Md.
Robt. Deeley & Co., 507 W. 32d St., New York.
Dickson Mfg. Co., Scranton, Pa.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
Fall River Machine Co., Fall River, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Griffith & Wedge Co., Zanesville, O.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hazelton Boiler Co., 716 E. 13th St., New York.
Hewes & Phillips Iron Works, Newark, N. J.
Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
Jas. Leffel & Co., Springfield, O.
Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
George F. Motter & Sons, York, Pa.
R. Munroe & Son, Pittsburg, Pa.
Nagle Engine & Boiler Works, Erie, Pa.
New York Central Iron Wks. Co., Geneva, N. Y.
Oil City Boiler Works, Inc., Oil City, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Robt. Poole, Son & Co., Baltimore, Md.
Portland Co., Portland, Me.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Samuel Smith & Son, Paterson, N. J.
Sulzer Machine Co., Louisville, Ky.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Trump Mfg. Co., Springfield, O.
Henry Vogt Machine Co., Louisville, Ky.
Vulcan Iron Works, Wilkes-Barre, Pa.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.

Z. TUBULOUS BOILERS.
Herreshoff Mfg. Co., Bristol, R. I.

AA. VERTICAL BOILERS.
Edward P. Allis Co., Milwaukee, Wis.
Atlas Engine Works, Indianapolis, Ind.
Chandler & Taylor Co., Indianapolis, Ind.
C. & G. Cooper, Mount Vernon, O.
Erie City Iron Works, Erie, Pa.
Edward Kendall & Sons, Cambridgeport, Mass.
James Leffel & Co., Springfield, O.
S. S. Messinger & Son, Tatamy, Pa.
Sinker-Davis Co., Indianapolis, Ind.
Struthers, Wells & Co., Warren, Pa.
J. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.

BB. WATER TUBE BOILERS.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Edward P. Allis Co., Milwaukee, Wis.
Atlas Engine Works, Indianapolis, Ind.
Aultman & Taylor Machinery Co., Mansfield, O.
Babcock & Wilcox Co., 29 Cortlandt St., New York.
Birmingham Boiler Works, Birmingham, Ala.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
Erie City Iron Works, Erie, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

Gas E. & P. Co. & L. Seabury & Co., Cons., Morris Hts., N. Y.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hazelton Boiler Co., 716 E. 13th St., New York.
Heine Safety Boiler Co., 421 Olive St., St. Louis, Mo.
Herreshoff Mfg. Co., Bristol, R. I.
R. Monroe & Son, Pittsburg, Pa.
Phila. Engineering Wks., Miffin & Meadow Sts., Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Rochester Machine Tool Works, Ltd., Rochester, N. Y.
Schuylkill Fdry. & Mach. Wks., Conschohocken, Pa.
Sharon Boiler Works, Ltd., Sharon, Pa.
Stirling Co., 608 Pullman Bldg., Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.

CC. WATER TUBE BOILERS, PORCUPINE. Hazelton Boiler Co., 716 E. 13th St., New York.

DD. WELDED STEAM BOILERS. Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
Continental Iron Works, Calyer & West Sts., Brooklyn, N. Y.

EE. YACHT BOILERS. S. Freeman & Sons Mfg. Co., Racine, Wis.
Newell Universal Mill Co., 26 Cortlandt St., New York.
Payne Co., Elmira, N. Y.
Racine Boat Mfg. Co., Racine, Wis.
C. P. Willard & Co., 15 N. Canal St., Chicago, Ill.

1572. STEAM ENGINE ACCESSORIES.

Filer & Stowell Co., Ltd., Milwaukee Wis. *8

A. AIR PUMPS & CONDENSERS, COMBINED. Edward P. Allis Co., Milwaukee, Wis.
Filer & Stowell Co., Ltd., Milwaukee Wis. *8
Laidlaw-Dunn-Gordon Co., Cincinnati, O.

B. AIR PUMPS & CONDENSERS, INDEPENDENT. Edward P. Allis Co., Milwaukee, Wis.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Boston, Mass.
Filer & Stowell Co., Ltd., Milwaukee Wis. *8
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Phila. Engineering Works, Miffin & Meadow Sts., Phila., Pa.

C. CONDENSER HEADS. Abendroth & Root Mfg. Co., 28 Cliff St., New York.

D. CONDENSERS. Edward P. Allis Co., Milwaukee, Wis.
Continental Iron Works, Calyer & West Sts., Brooklyn, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Filer & Stowell Co., Ltd., Milwaukee Wis. *8
Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
Jeanesville Iron Wks. Co., Jeanesville, Pa. *7
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Manistee Iron Wks. Co., Manistee, Mich.
Murray Iron Works, Burlington, Iowa.
Riter-Conly Co., Pittsburg, Pa.
T. Shaw, 915 Ridge Av., Philadelphia, Pa.
Twin City Iron Works, Minneapolis, Minn.
Whitlock Coil Pipe Co., Elmwood, Conn. *30
Worthington Pumping Eng. Co., 120 Liberty St., New York.

E. CONDENSERS, JET. Filer & Stowell Co., Ltd., Milwaukee Wis. *8
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.

F. CONDENSERS, SURFACE. Wheeler Condenser & Engineer'g Co., 120 Liberty, N. York.

G. CYLINDER LUBRICATORS. Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Detroit Lubricator Co., Detroit, Mich.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Lunkenheimer Co., Cincinnati, O.
Sherwood Mfg. Co., Buffalo, N. Y.
Star Brass Mfg. Co., Boston, Mass.
Walworth Mfg. Co., Boston, Mass.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

H. CYLINDER LUBRICATORS, SIGHT FEED. Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
Detroit Lubricator Co., Detroit, Mich.
Lunkenheimer Co., Cincinnati, O.
Michigan Lubricator Co., Detroit, Mich.
Wm. Powell Co., Cincinnati, O.
Sherwood Mfg. Co., Buffalo, N. Y.
Star Brass Mfg. Co., Boston, Mass.
Walworth Mfg. Co., Boston, Mass.

I. CYLINDER OIL PUMPS. E. G. Felthousen, Buffalo, N. Y.
Lunkenheimer Co., Cincinnati, O.

J. ENGINEERS' APPLIANCES. Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.

K. ENGINE STOPS. Springfield Engine Stop Co., Springfield, Mass. *34 & 35

L. GOVERNORS. Albany Steam Trap Co., Albany, N. Y.

	Dickson Mfg. Co., Scranton, Pa.
	Filer & Stowell Co., Ltd., Milwaukee Wis. *8
	Gardner Governor Co., Quincy, Ill.
	Judson Governor Co., Rochester, N. Y.
	James Leffel & Co., Springfield, O.
	Leonard & McCoy, 118 Liberty St., New York.
	Lombard Water Wheel Governor Co., Boston, Mass.
	Mason Regulator Co., Boston, Mass.
	Murray Iron Works Co., Burlington, Iowa.
	Pickering Governor Co., Portland, Conn.
	Sensitive Governor Co., Indianapolis, Ind.
	Sinker-Davis Co., Indianapolis, Ind.
	Wright Wrench Co., Worcester, Mass.
M. GOVERNORS, HORIZONTAL.	Monarch Governor & Machine Co., Indianapolis, Ind.
N. GOVERNORS, SPEED.	Foster Engineering Co., Newark, N. J.
O. GOVERNORS, SPEED & PRESSURE, COMBINATION.	Gardner Governor Co., Quincy, Ill.
P. GOVERNORS, THROTTLING.	Monarch Governor & Machine Co., Indianapolis, Ind.
Q. INDICATORS, STEAM ENGINE.	American Steam Gauge Co., Boston, Mass.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Ashton Valve Co., Boston, Mass.
	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
	Jas. L. Robertson & Sons, 204 Fulton St., New York.
R. POLAR PLANIMETERS.	American Steam Gauge Co., Boston, Mass.
	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
	Schäffer & Budenberg, 25 Bedford Av., Brooklyn, N. Y.
S. REVOLUTION COUNTERS.	American Steam Gauge Co., Boston, Mass.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Ashton Valve Co., Boston, Mass.
	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
	Jas. P. March & Co., 224 Wash. St., Chicago, Ill.
	McDonnell Odometer Co., Kedzie Av., Chicago, Ill.
	Star Brass Mfg. Co., Boston, Mass.
	Tabor Mfg. Co., Elizabeth, N. J.
T. SPEED INDICATORS.	American Steam Gauge Co., Boston, Mass.
	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
	Jas. L. Robertson & Sons, 204 Fulton St., New York.
	Schäffer & Budenberg, 25 Bedford Av., Brooklyn, N. Y.
	Star Brass Mfg. Co., Boston, Mass.
U. SPEED LIMIT STOPS.	Springfield Engine Stop Co., Springfield, Mass. *34 & 35
V. SPEED RECORDERS.	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
	Lombard Water Wheel Governor Co., Boston, Mass.
	Railway Speed & Recorder Co., Kent, O.
W. STEAM ENGINE GUARDS.	Level Flow Oiler Mfg. Co., Akron, O.
X. VACUUM APPARATUS.	Fort Scott Foundry & Machine Co., Fort Scott, Kan.
	Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
Y. VACUUM GAUGES.	American Steam Gauge Co., Boston, Mass.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Ashton Valve Co., Boston, Mass.
	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
	Jas. P. Marsh & Co., 224 Wash. St., Chicago, Ill.
	Schäffer & Budenberg, 25 Bedford Av., Brooklyn, N. Y.
	T. Shaw, 915 Ridge Av., Philadelphia, Pa.
	Star Brass Mfg. Co., Boston, Mass.
	Taylor Bros. Co., Rochester, N. Y.
	A. Weiskopf, 69 S. Canal St., Chicago, Ill.

1573. STEAM ENGINE & LOCOMOTIVE PARTS.

A. BARS & PLATES, ENGINE.	A. A. Simonds & Son, Dayton, O.
B. BEDS, ENGINE.	Walker Foundry Co., Erie, Pa.
C. BRASSES, ENGINE.	Buckeye Iron & Brass Works, Dayton, O.
	V. Gills & Son, Birmingham, Ala.
D. CASTINGS, ENGINE.	Ensign Mfg. Co., Huntington, W. Va.
	Mowry Car Wheel Works, Cincinnati, O.
	Novelty Iron Co., Dubuque, Iowa.
	Ottumwa Iron Works, Ottumwa, Iowa.
	Pittsburg Steel Castings Co., Pittsburg, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
	Pratt & Letchworth, Buffalo, N. Y.
	Rosedale Foundry Co., Allegheny, Pa.
	H. G. Trout & Co., Buffalo, N. Y.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	Watts-Campbell Co., Newark, N. J.

		E. A. Williams & Son, Jersey City, N. J.
E.	CASTINGS, LOCOMOTIVE.	Lake Shore Foundry Co., Cleveland, O.
		Lobdell Car Wheel Co., Wilmington, Del.
		New York Car Wheel Works, Buffalo, N. Y.
		Pratt & Letchworth, Buffalo, N. Y.
		Taunton Locomotive Mfg. Co., Taunton, Mass.
		Taylor Iron & Steel Co., High Bridge, N. J.
		Vulcan Iron Works, Wilkes-Barre, Pa.
F.	CONNECTING RODS.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
		Dickson Mfg. Co., Scranton, Pa.
		Midvale Steel Co., Nicetown, Philadelphia, Pa.
		Morden Frog & Crossing Wks., 915 The Rookery, Chic., Ill.
		Morris & Bailey Steel Co., Pittsburg, Pa.
		Pratt & Letchworth, Buffalo, N. Y.
		Topliff & Ely Co., Elyria, O.
G.	CRANK PINS.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Midvale Steel Co., Nicetown, Philadelphia, Pa.
		Morris & Bailey Steel Co., Pittsburg, Pa.
		Vulcan Iron Works, Wilkes-Barre, Pa.
H.	CRANKS.	Dickson Mfg. Co., Scranton, Pa.
		Richard Eccles, Auburn, N. Y.
		Pittsburg Steel Castings Co., Pittsburg, Pa.
		Pratt & Letchworth, Buffalo, N. Y.
		Vulcan Iron Works, Wilkes-Barre, Pa.
I.	CRANK SHAFTS.	Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
		Erie Forge Co., Erie, Pa.
		Pratt & Letchworth, Buffalo, N. Y.
		Vulcan Iron Works, Wilkes-Barre, Pa.
J.	CRANK SHAFTS, STEAMBOAT.	Duquesne Forge Co., Rankin, Pa.
K.	CROSS HEADS.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
		Pratt & Letchworth, Buffalo, N. Y.
L.	CROSS HEADS, LOCOMOTIVE.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Pratt & Letchworth, Buffalo, N. Y.
M.	CYLINDERS, ENGINE.	Vulcan Iron Works, Wilkes-Barre, Pa.
		Wheeler Foundry Co., Worcester, Mass.
N.	CYLINDERS, LOCOMOTIVE.	Brooks Locomotive Works, Dunkirk, N. Y.
		Detroit Lubricator Co., Detroit, Mich.
		Dickson Mfg. Co., Scranton, Pa.
O.	DRIVING BOXES, LOCOMOTIVE.	Midvale Steel Co., Nicetown, Philadelphia, Pa.
P.	FOLLOWERS, LOCOMOTIVE.	Baldwin Locomotive Works, 500 N. Broad St., Phila., Pa.
		Taunton Locomotive Mfg. Co., Taunton, Mass.
Q.	FORGINGS, LOCOMOTIVE.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Cleveland City Force & Iron Co., Cleveland, O.
		Duquesne Forge Co., Rankin, Pa.
		Otis Steel Co., Ltd., Cleveland, O.
		Taylor Iron & Steel Co., High Bridge, N. J.
R.	FRAMES, LOCOMOTIVE.	Cleveland City Forge & Iron Co., Cleveland, O.
		Midvale Steel Co., Nicetown, Philadelphia, Pa.
		Passaic Rolling Mill Co., Paterson, N. J.
		Vulcan Iron Works, Wilkes-Barre, Pa.
S.	INDICATORS REDUCING WHEELS, ENGINE.	Webster & Perks Tool Co., Springfield, O.
T.	LOCOMOTIVE BELL RINGERS.	U. S. Metallic Packing Co., 427 N. 13th St., Phila., Pa.
U.	LOCOMOTIVE SPRINGS, ELLIPTIC.	Detroit Steel & Spring Co., Detroit, Mich.
		A. French Spring Co., Inc., Pittsburg, Pa.
V.	LOCOMOTIVE SPRINGS, SPIRAL.	Detroit Steel & Spring Co., Detroit, Mich.
		Diamond State Car Spring Co., Wilmington, Del.
		Farist Steel Co., Bridgeport, Conn.
W.	LOCOMOTIVE TRUCK SPRINGS.	Diamond State Car Spring Co., Wilmington, Del.
X.	LUBRICATORS, LOCOMOTIVE.	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
		Lackawanna Lubricating Co., Scranton, Pa.
Y.	PISTON HEADS.	Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
		Pratt & Letchworth, Buffalo, N. Y.
Z.	PISTON RODS.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Dickson Mfg. Co., Scranton, Pa.
		Midvale Steel Co., Nicetown, Philadelphia, Pa.
		Taunton Copper Mfg. Co., Taunton, Mass.
AA.	PISTONS.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
		Dickson Mfg. Co., Scranton, Pa.
		Midvale Steel Co., Nicetown, Philadelphia, Pa.

		Pratt & Letchworth, Buffalo, N. Y.
BB.	PISTONS, LOCOMOTIVE.	Midvale Steel Co., Nicetown, Philadelphia, Pa.
		Pratt & Letchworth, Buffalo, N. Y.
CC.	PNEUMATIC TRACK SANDERS, LOCOMOTIVE.	U. S. Metallic Packing Co., 427 N. 13th St., Phila., Pa.
DD.	ROCKER SHAFTS, LOCOMOTIVE.	Pratt & Letchworth, Buffalo, N. Y.
EE.	STEAM ENGINE TRIMMINGS.	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
		Haydenville Co., Haydenville, Mass.
		Lunkenheimer Co., Cincinnati, O.
		Jno. H. McGowan Co., Cincinnati, O.
		Springfield Brass Co., Springfield, O.
FF.	STUDS, ENGINE.	Worcester Machine Screw Co., Worcester, Mass.
GG.	VALVES, LOCOMOTIVE, POP SAFETY.	Ashton Valve Co., Boston, Mass.
		Consolidated Safety Valve Co., 111 Liberty St., New York.
HH.	VALVES, PORTABLE ENGINE.	American Steam Gauge Co., Boston, Mass.
		Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
II.	VALVES, STEAM ENGINE.	Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
		Eaton, Cole & Burnham Co., 253 Broadway, New York.
JJ.	VALVES, THROTTLE.	Best, Fox & Co., Pittsburg, Pa.
		Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6
		Detroit Lubricator Co., Detroit, Mich.
		Dickson Mfg. Co., Scranton, Pa.
		Eaton, Cole & Burnham Co., 253 Broadway, New York.
		Lunkenheimer Co., Cincinnati, O.
		Michigan Lubricator Co., Detroit, Mich.
		Monarch Governor & Machine Co., Indianapolis, Ind.
		William Powell Co., Cincinnati, O.
		Roe Stephens Mfg. Co., Detroit, Mich.

1574. STEAM FEED ENGINES.

Manistee Iron Works Co., Manistee, Mich.

1575. STEAM POWER PLANTS, COMPLETE.

M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Filer & Stowell Co., Milwaukee, Wis. *8
Fraser & Chalmers, Fulton & Union Sts., Chicago, Ill.
Hewes & Phillips Iron Works, Newark, N. J.
James Leffel & Co., Springfield, O.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.

1576. STRAIGHT LINE STEAM ENGINES.

M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Watertown Steam Engine Co., Watertown, N. Y.

1577. STREET RAILWAY ENGINES.

Edward P. Allis Co., Milwaukee, Wis.
American Engine Co., Bound Brook, N. J.
Ames Iron Works, Oswego, N. Y.
Ball & Wood Co., 120 Liberty St., New York.
Bates Machine Co., Joliet, Ill.
C. H. Brown & Co., Fitchburg, Mass.
C. & G. Cooper Co., Mount Vernon, O.
Corliss Steam Engine Co., Providence, R. I.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Hooven, Owens & Rentschler Co., Hamilton, O.
A. L. Ide & Sons, Springfield, Ill.
McIntosh, Seymour & Co., Auburn, N. Y.
Phoenix Iron Works Co., Meadville, Pa.
Providence Steam Engine Co., Providence, R. I.
Russell & Co., Massillon, O.
Robt. Wetherill Co., Chester, Pa.

1578. TABLE ENGINES. Thomas Carlin's Sons, Allegheny, Pa.

1579. THRESHER ENGINES. Minneapolis Threshing Mach. Co., Minneapolis, Minn.

1580. THROTTLING ENGINES.

Erie City Iron Works, Erie, Pa.

1581. TOWING MACHINES. American Ship Windlass Co., Providence, R. I.

1582. TRACTION STEAM ENGINES.

Advance Thresher Co., Battle Creek, Mich.
Ames Iron Works, Oswego, N. Y.
Aultman & Taylor Machinery Co., Mansfield, O.
Aultman Co., Canton, O.
Benicia Agricultural Works, Benicia, Cal.
Best Mfg. Co., San Leandro, Cal.
Birdsall Co., Auburn, N. Y.
Buffalo-Pitts Co., Buffalo, N. Y.
J. I. Case Threshing Machine Co., Racine, Wis.
C. & G. Cooper Co., Mount Vernon, O.

John S. Davis' Sons, Davenport, Iowa.
A. B. Farquhar Co., Ltd., York, Pa.
Frick Co., Waynesboro, Pa. *9
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Harrison Machine Works, Belleville, Ill.
Heilman Machine Works, Evansville, Ind.
Holt Mfg. Co., Stockton, Cal.
Huber Mfg. Co., Marion, O.
D. June & Co., Fremont, O.
Marion Mfg. Co., Marion, O.
Minneapolis Threshing Machine Co., Minneapolis, Minn.
New Birdsall Co., Auburn, N. Y.
Nichols & Shepard Co., Battle Creek, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Reeves & Co., Columbus, Ind.
Robinson & Co., Richmond, Ind.
M. Rumely Co., La Porte, Ind.
Russell & Co., Massillon, O.
Ryan-McDonald Mfg. Co., Baltimore, Md.
L. Spence & Son, Martin's Ferry, O.
A. W. Stevens Co., Auburn, N. Y.
Waterloo Gasoline Engine Co., Waterloo, Iowa.
Watertown Steam Engine Co., Watertown, N. Y.
Westinghouse Co., Schenectady, N. Y.
Wood, Taber & Morse, Eaton, N. Y.

A. HEAVY TRACTION STEAM ENGINES.
O. S. Kelly Co., Springfield, O.

B. STRAW BURNING TRACTION ENGINES.
Aultman Co., Canton, O.
Buffalo-Pitts Co., Buffalo, N. Y.
J. I. Case Threshing Machine Co., Racine, Wis.
Gaar, Scott & Co., Richmond, Ind.
Nichols & Shepard Co., Battle Creek, Mich.
Russell & Co., Massillon, O.

1583. TURBINE WATER WHEELS.

S. Adams & Son, Rome, N. Y.
Allentown Foundry & Machine Works, Allentown, Pa.
Chase Turbine Mfg. Co., Orange, Mass.
Gates Curtis, Ogdensburg, N. Y.
Dalrymple Iron Works, Fair Haven, Vt.
Dayton Globe Iron Works Co., Dayton, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
Dubuque Turbine & Roller Mill Co., Dubuque, Iowa.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
Joshua Hendy Machine Works, San Francisco, Cal.
P. C. Holmes Co., Gardiner, Me.
Holyoke Machine Co., Holyoke, Mass.
Rodney Hunt Machine Co., Orange, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Kutztown Foundry & Machine Co., Kutztown, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
James Leffel & Co., Springfield, O.
Mecklenburg Iron Works, Charlotte, N. C.
Wm. F. Mosser, Allentown, Pa.
Munson Bros., Utica, N. Y.
Novelty Iron Works, Dubuque, Iowa.
Robt. Poole & Son Co., Baltimore, Md.
Craig Ridgway & Son, Coatesville, Pa.
Schaeffer, Merkel & Co., Fleetwood, Pa.
Olin Scott, Bennington, Vt.
Sergeant Mfg. Co., Greensboro, N. C.
S. Morgan Smith Co., York, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Trump Mfg. Co., Springfield, O.
Variety Iron Works, York, Pa.
Geo. W. Wheland, Chattanooga, Tenn.
R. D. Wood & Co., 400 Chestnut St., Philadelphia, Pa.

A. SECTIONAL TURBINE WHEELS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
James Leffel & Co., Springfield, O.
J. & J. B. Milholland, Pittsburg, Pa.
Trump Mfg. Co., Springfield, O.

B. STEAM TURBINES.
Westinghouse Machine Co., East Pittsburg, Pa.

C. TURBINE IRON GLOBE CASES.
Robt. Poole & Son Co., Baltimore, Md.

D. TURBINE WHEEL PENSTOCKS.
Atlantic Works, 70 Border St., East Boston, Mass.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
James Leffel & Co., Springfield, O.
Robt. Poole & Son Co., Baltimore, Md.
Riter-Conly Co., Pittsburg, Pa.
Scannell & Wholey, Lowell, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Trump Mfg. Co., Springfield, O.

1584. VERTICAL STEAM ENGINES.
Edward P. Allis Co., Milwaukee, Wis.
American Fire Engine Co., Seneca Falls, N. Y.
Ball Engine Co., Erie, Pa.
Bay State Iron Works, Erie, Pa.
Jno. Best, Lancaster, Pa.
Buckeye Engine Co., Salem, O.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
D. H. Burrell & Co., Little Falls, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Fishkill Landing Mach., Co., Fishkill-on-the-Hudson, N. Y.
Fitchburg Steam Engine Works, Fitchburg, Mass.
Frick Co., Waynesboro, Pa. *9
Kingsford Foundry & Machine Works, Oswego, N. Y.
Leechburg Foundry & Machine Co., Pittsburg, Pa.
Jas. Leffel & Co., Springfield, O.
S. S. Messinger & Son, Tatamy, Pa.
Chas. Millar & Son, Utica, N. Y.
Morris Machine Works, Baldwinsville, N. Y.
George F. Motter & Sons, York, Pa.
Murray Iron Works Co., Burlington, Iowa.
Nagle Engine & Boiler Works, Erie, Pa.
Nichols & Langworthy Mach. Co., Hope Valley, R. I.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
Pittsburg Electrical & Machine Works, Pittsburg, Pa.
Racine Hardware Co., Racine, Wis.
Reading Iron Co., Reading, Pa.
Rice & Sargent Engine Co., Providence, R. I.
St. Louis Steam Engine Co., St. Louis, Mo.
Tamaqua Mfg. Co., Tamaqua, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Chas. P. Willard & Co., 15 N. Canal St., Chicago, Ill.
York Mfg. Co., York, Pa.

1585. WATER WHEELS.
De Loach Mill Mfg. Co., Atlanta, Ga.
Abner Doble Co., San Francisco, Cal.
James Leffel & Co., Springfield, O.
Pelton Water Wheel Co., San Francisco, Cal.
Robt. Poole & Son Co., Baltimore, Md.
Sprout, Waldron & Co., Muncy, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

A. IMPULSE WATER WHEELS.
American Impulse Wheel Co., 120 Liberty St., New York.
James Leffel & Co., Springfield, O.
Craig Ridgway & Son, Coatesville, Pa.

B. IRON WATER WHEELS.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.

C. MINING WATER WHEELS.
Lane Mfg. Co., Montpelier, Vt. *13
James Leffel & Co., Springfield, O.
Juan G. Ribon, Jersey City, N. J.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Trump Mfg. Co., Springfield, O.

D. SECTIONAL WATER WHEELS.
Fraser & Chalmers, Fulton & Union Sts., Chicago, Ill.
James Leffel & Co., Springfield, O.
J. & J. B. Milholland, Pittsburg, Pa.

E. STEEL WATER WHEELS.
D. H. Bausman, Bausman, Pa.

F. TWIN WATER WHEELS.
Trump Mfg. Co., Springfield, O.

G. WATER WHEEL GOVERNORS.
Holyoke Machine Co., Holyoke, Mass.
James Leffel & Co., Springfield, O.
Lombard Water Wheel Governor Co., Boston, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Wright Wrench Co., Worcester, Mass.

1586. WINDING ENGINES.
Atlas Engine Works, Indianapolis, Ind.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Griffith & Wedge Co., Zanesville, O.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
J. S. Mundy, Newark, N. J.
Ottumwa Iron Works, Ottumwa, Iowa.
Vulcan Iron Works, Wilkes-Barre, Pa.

	Webster, Camp & Lane Machine Co., Akron, O.
1587. WIND MILLS.	Aera Mfg. Co., Henry, Ill.
	Althouse-Wheeler Co., Waupun, Wis.
	American Well Works, Aurora, Ill.
	Appleton Mfg. Co., Batavia, Ill.
	F. C. Austin Mfg. Co., Harvey, Ill.
	Avery Planter Co., Peoria, Ill.
	Baker Mfg. Co., Evansville, Wis.
	Bean-Chamberlin Mfg. Co., Hudson, Mich.
	P. O. Benjamin Mfg. Co., Lafayette, Ind.
	Butter Co., Butter, Ind.
	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
	G. D. Colton & Co., Inc., Galesburg, Ill.
	Andrew J. Corcoran, 11 John St., New York.
	Cornish, Curtis & Greene Mfg. Co., Fort Atkinson,, Wis.
	Decorah Wind Mill Co., Decorah, Iowa.
	Dempster Mill Mfg. Co., Beatrice, Neb.
	Duplex Mfg. Co., South Superior, Wis.
	Elgin Wind Power & Pump Co., Elgin, Ill.
	Fairbanks, Morse & Co., Franklin & Munroe Sts., Chic., Ill.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	Hess, Snyder & Co., Massillon, O.
	Byron Jackson Mach. Works., San Francisco, Cal.
	Keogh Mfg. Co., San Francisco, Cal.
	Marseilles Mfg. Co., Marseilles, Ill.
	Mast, Foos & Co., Springfield, O.
	May Bros., Galesburg, Ill.
	Jas. H. McLain Co., Canton, O.
	Miller Engine & Mfg. Co., Urbana, O.
	Moline Pump Co., Moline, Ill.
	Perkins Wind Mill & Axe Co., Mishawaka, Ind.
	Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
	Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
	Sandwich Mfg. Co., Sandwich, Ill.
	Smith & Pomeroy, Kalamazoo, Mich.
	Springfield Machine Tool Co., Springfield, O.
	Stearns Mfg. Co., Los Angeles, Cal.
	Stover Mfg. Co., Freeport, Ill.
	United States Wind Engine & Pump Co., Batavia, Ill.
	Williams Mfg. Co., Kalamazoo, Mich.
	E. B. Winger, 532 Kenwood Terrace, Chicago, Ill.
	Winship Mfg. Co., Racine, Wis.
	F. W. Winter & Co., Faribault, Minn.
	Woodin & Little, San Francisco, Cal.
	Woodmanse & Hewitt Mfg. Co., Freeport, Ill.
	Zimmerman Mfg. Co., Auburn, Ind.
A. IRON TURBINE WIND MILLS.	Mast, Foos & Co., Springfield, O.
B. IRON WIND MILLS.	American Well Works, Aurora, Ill.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	Miller Engine & Mfg. Co., Urbana, O.
	Stover Mfg. Co., Freeport, Ill.
C. STEEL WIND MILLS.	Baker Mfg. Co., Evansville, Wis.
	Fairbanks, Morse & Co., Franklin & Munroe Sts., Chic., Ill.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	Phelps & Bigelow Windmill Co., Kalamazoo, Mich.
	E. B. Winger, 532 Kenwood Terrace, Chicago, Ill.
D. WIND MILL EQUALIZERS.	Turner Brass Works, 122 Kinzie St., Chicago, Ill.
E. WIND MILL FOOT GEARS.	S. Freeman & Sons Mfg. Co., Racine, Wis.
F. WIND MILL POWER ATTACHMENTS.	American Well Works, Aurora, Ill.
	Fairbanks, Morse & Co., Franklin & Munroe Sts., Chic., Ill.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
	Stover Mfg. Co., Freeport, Ill.
G. WIND MILL REGULATORS.	Fairbanks, Morse & Co., Franklin & Munroe Sts., Chic., Ill.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	Novelty Mfg. Co., Rock Island, Ill.
	Stover Mfg. Co., Freeport, Ill.
	United States Wind Engine & Pump Co., Batavia, Ill.
	E. B. Winger, 532 Kenwood Terrace, Chicago, Ill.
	Zimmerman Mfg. Co., Auburn, Ind.
H. WIND MILL SPRINGS	Novelty Mfg. Co., Rock Island, Ill.
I. WIND MILL TOWERS	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
	S. Freeman & Sons Mfg. Co., Racine, Wis.

	Moline Pump Co., Moline, Ill.
1588. YACHT ENGINES.	S. Adams & Co., Rome, N. Y.
	Morris Machine Works, Baldwinsville, N. Y.
	Payne Co., Elmira, N. Y.
	Rochester Machine Tool Wks., Ltd., Rochester, N. Y.
A. NAPHTHA YACHT ENGINES.	Gas Engine & Power Co., Morris Dock Station, New York.
B. STEAM YACHT ENGINES.	F. S. & G. L. Brown, Baltimore, Md.
	Herreshoff Mfg. Co., Bristol, R. I.
	Newell Universal Mill Co., 26 Cortlandt St., New York.
	N. Y. Safety Steam Power Co., 107 Liberty St., New York.
	Racine Hardware Co., Racine, Wis.
	C. P. Willard & Co., 15 N. Canal St., Chicago, Ill.
	Wolverine Motor Works, Grand Rapids, Mich.

POWER TRANSMISSION.

1589. BEARINGS.	
A. ANTI-FRICTION BEARINGS.	Dickson Mfg. Co., Scranton, Pa.
	Graphite Lubricating Co., Bound Brook, N. J. *28
	Kinzer & Jones Mfg. Co., Pittsburg, Pa.
	Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
	Geo. R. Meneeley & Son, Watervliet, N. Y.
	Mowry & Phillips, Boston, Mass.
	J. Painter & Sons Co., Inc., Pittsburg, Pa.
	Phosphor Bronze Smelt. Co., Ltd., 200 Wash. Av., Phila., Pa.
	Portland Co., Portland, Me.
	Paul S. Reeves & Son, 1415 Catharine St., Philadelphia, Pa.
	Sellers Mfg. Co., 27 W. Chicago Av., Chicago, Ill.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Woonsocket Machine & Press Co., Woonsocket, R. I.
B. AXLE BEARINGS.	R. D. Nuttall Co., Allegheny, Pa.
C. BABBITT LINED BEARINGS.	E. A. Williams & Son, Jersey City, N. J.
D. CLUTCH PULLEY BEARINGS.	Graphite Lubricating Co., Bound Brook, N. J. *28
E. ELECTRICAL BEARINGS.	Holmes Fibre & Graphite Mfg. Co., 29th St., Phila., Pa.
F. JOURNAL BEARINGS.	Ajax Metal Co., 24 Richmond St., Philadelphia, Pa.
	A. & F. Brown Co., 25 Dey St., New York.
	Crown Smelting Co., Chester, Pa.
	Damascus Bronze Co., Pittsburg, Pa.
	Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
	Ensign Mfg. Co., Huntington, W. Va.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
	Fulton Iron & Engine Works, Detroit, Mich.
	Graphite Lubricating Co., Bound Brook, N. J. *28
	Great Western Mfg. Co., Leavenworth, Kan.
	Wm. A. Hardy, Fitchburg, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	E. A. Williams & Son, Jersey City, N. J.
G. LOOSE PULLEY BEARINGS.	Graphite Lubricating Co., Bound Brook, N. J. *28
H. SELF-OILING JOURNAL BEARINGS.	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Chas. C. Klein, Marshall St., Philadelphia, Pa.
	Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Woonsocket Machine & Press Co., Woonsocket, R. I.
I. SHAFT BEARINGS.	Link-Belt Machinery Co., Stewart Av., Chicago, Ill.
J. STEP BEARINGS.	A. & F. Brown Co., 25 Dey St., New York.
	Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Graphite Lubricating Co., Bound Brook, N. J. *28
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Vulcan Iron Works, Wilkes-Barre, Pa.
K. THRUST BEARINGS.	Robt. Poole & Son Co., Baltimore, Md.
L. TROLLEY WHEEL BEARINGS.	Graphite Lubricating Co., Bound Brook, N. J. *28
M. WOODWORKING MACHINE BEARINGS.	Graphite Lubricating Co., Bound Brook, N. J. *28
1590. BELT SHIFTERS.	Foster Engineering Co., Newark, N. J.
1591. BELT TIGHTENERS.	Akron Iron & Steel Co., 206 Fulton St., New York.
	Barnard & Leas Mfg. Co., Moline, Ill.
	A. & F. Brown Co., 25 Dey St., New York.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
	Great Western Mfg. Co., Leavenworth, Kan.

Lane Mfg. Co., Montpelier, Vt. *13
L. P. & D. Transmitter Co., Montpelier, Vt.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

1592. CLUTCHES.

Robt. Poole & Son Co., Baltimore, Md.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

A. CLUTCH PLATES.

Dickson Mfg. Co., Scranton, Pa.

B. ELECTRIC CLUTCHES.

Electric Controller & Supply Co., Cleveland, O.

C. FRICTION CLUTCHES.

Akron Iron & Steel Co., 206 Fulton St., New York.
American Tool & Machine Co., Boston, Mass.
Jno. C. Blevney, Newark, N. J.
A. & F. Brown Co., 25 Dey St., New York.
Brown & Sharpe Mfg. Co., Providence, R. I.
Geo. W. Cresson Co., Allegheny Av., c. 18th St., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Dodge Mfg. Co., Mishawaka, Ind.
Eastern Machinery Co., New Haven, Conn.
Fairbanks, Morse & Co., Franklin & Munroe Sts., Chic., Ill.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Hill Clutch Co., Cleveland, O.
Jas. Hunter Machine Co., N. Adams, Mass.
D. R. Kenyon & Son, Raritan, N. J.
Link-Belt Machinery Co., 39th St., Chicago, Ill.
McMyler Mfg. Co., Chicago, Ill.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Robt. Poole & Son Co., Baltimore, Md.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
S. Morgan Smith Co., York, Pa.
Springfield Foundry Co., Springfield, Mass.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster, Camp & Lane Machine Co., Akron, O.
Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.

D. SPRING CLUTCHES.

Link-Belt Mach. Co., 39th St. & Stewart Av., Chicago, Ill.

E. UMBRELLA FRICTION CLUTCHES.

Dickson Mfg. Co., Scranton, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

1593. COUPLINGS.

Akron Iron & Steel Co., 206 Fulton St., New York.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
American Card Clothing Co., Worcester, Mass.
American Wood Working Mach. Co., 141 B'way, New York.
Barnard & Leas Mfg. Co., Moline, Ill.
A. & F. Brown Co., 25 Dey St., New York.
Case Mfg. Co., Columbus, O.
Chickasaw Iron Works, Memphis, Tenn.
Comstock Mfg. Co., Kalamazoo, Mich.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Defiance Machine Works, Defiance, O.
Dickson Mfg. Co., Scranton, Pa.
Dodge Mfg. Co., Mishawaka, Ind.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Ellicott Machine Co., Baltimore, Md.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Franklin Machine Co., Providence, R. I.
Great Western Mfg. Co., Leavenworth, Kan.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Lane & Bodley Co., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
Lombard Iron Works & Supply Co., Augusta, Ga.
Clarence F. McMurray, Troy, N. Y.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Nordyke & Marmon Co., Indianapolis, Ind.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Peck Bros. & Co., New Haven, Conn.
Robt. Poole & Son Co., Baltimore, Md.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Chicago, Ill.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Twin City Iron Works, Minneapolis, Minn.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Co., Cleveland, O.
Wilcox & Howe Co., Birmingham, Conn.
Witte Iron Works Co., Kansas City, Mo.

A. CLAMP COUPLINGS.

American Tool & Machine Co., Boston, Mass.

	Great Western Mfg. Co., Leavenworth, Kan.
B. CLUTCH COUPLINGS.	Akron Iron & Steel Co., 206 Fulton St., New York.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Frick Co., Waynesboro, Pa. *9
	Jones & Laughlins, Ltd., Pittsburg, Pa.
	E. H. Pease Mfg. Co., Racine, Wis.
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Vulcan Iron Works, Wilkes-Barre, Pa.
C. COMPRESSION COUPLINGS.	W. H. Nicholson & Co., Wilkes-Barre, Pa.
	E. H. Pease Mfg. Co., Racine, Wis.
	Robt. Poole & Son Co., Baltimore, Md.
	Tamaqua Mfg. Co., Tamaqua, Pa.
	Valley Iron Works, Williamsport, Pa.
D. CONE COUPLINGS.	H. Mueller Mfg. Co., Decatur, Ill.
	Robt. Poole & Son Co., Baltimore, Md.
E. CUT-OFF COUPLINGS.	F. E. Cudell, Cleveland, O.
	Eastern Machinery Co., New Haven, Conn.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. DOUBLE CONE COUPLINGS.	Robt. Poole & Son Co., Baltimore, Md.
G. EXPANSION RING COUPLINGS.	Empire Rubber Mfg. Co., 58 Reade St., New York.
H. FACE COUPLINGS.	Frick Co., Waynesboro, Pa. *9
	E. H. Pease Mfg. Co., Racine, Wis.
	Robt. Poole & Son Co., Baltimore, Md.
	Tamaqua Mfg. Co., Tamaqua, Pa.
I. FLANGE COUPLINGS.	American Tool & Machine Co., Boston, Mass.
	Tamaqua Mfg. Co., Tamaqua, Pa.
	Valley Iron Works, Williamsport, Pa.
J. FRICTION CLUTCH CUT-OFF COUPLINGS.	Akron Iron & Steel Co., 206 Fulton St., New York.
	Eastern Machinery Co., New Haven, Conn.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Moon & White Co., 15th St., Philadelphia, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
K. FRICTION COUPLINGS.	Akron Iron & Steel Co., 206 Fulton St., New York.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Vulcan Iron Works, Wilkes-Barre, Pa.
L. HORSE POWER COUPLINGS.	R. R. Howell & Co., Minneapolis, Minn.
M. PLATE COUPLINGS.	Robt. Poole & Son Co., Baltimore, Md.
N. SHAFT COUPLINGS.	Fairbanks Co., 311 Broadway, New York.
O. SHANK COUPLINGS.	Empire Rubber Mfg. Co., 58 Reade St., New York.
P. UNIVERSAL JOINT COUPLINGS.	A. & F. Brown Co., 25 Dey St., New York.
	Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
	Dickson Mfg. Co., Scranton, Pa.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	E. H. Pease Mfg. Co., Racine, Wis.
	Robt. Poole & Son Co., Baltimore, Md.
Q. WIRE ROPE COUPLERS.	Milne Mfg. Co., Monmouth, Ill.
1594. FLY WHEELS.	Dickson Mfg. Co., Scranton, Pa.
	Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
	Jones & Laughlins, Ltd., Pittsburg, Pa.
	Link-Belt Machinery Co., 39th St. & Stewart Av., Chic., Ill.
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Vulcan Iron Works, Wilkes-Barre, Pa.
1595. FRICTION WHEELS.	Chickasaw Iron Works, Memphis, Tenn.
	Dickson Mfg. Co., Scranton, Pa.
	Vulcan Iron Works, Wilkes-Barre, Pa.
A. TAPER FRICTIONS.	Rockwood Mfg. Co., Indianapolis, Ind.
1596. GEARING.	Allentown Foundry & Machine Works, Allentown, Pa.
	Chase Turbine Mfg. Co., Orange, Mass.
	Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
	Chickasaw Iron Works, Memphis, Tenn.
	Cyrus Currier & Sons, Newark, N. J.
	Dayton Globe Iron Works, Dayton, O.
	P. K. Dederick's Sons, Albany, N. Y.
	J. B. Ehrsam Machine Co., Enterprise, Kan.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Filer & Stowell Co., Ltd., Milwaukee, Wis. *8

Fisher Foundry & Machine Co., Pittsburg, Pa.
Franklin Machine Co., Providence, R. I.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phil., Pa.
E. D. Jones & Sons Co., Pittsfield, Mass.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Lane & Bodley Co., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
Jas. Leffel & Co., Springfield, O.
Link-Belt Mach. Co., Stewart Av. & 39th St., Chicago, Ill.
H. A. Mack Wood Working Co., Weatherly, Pa.
Mansfield Machine Works, Mansfield, O.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Richmond City Mill Works, Richmond, Ind.
Olin Scott, Bennington, Vt.
Sprout, Waldron & Co., Muncy, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Taylor Iron & Steel Co., High Bridge, N. J.
Townsend Furnace & Machine Shop Co., Albany, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Twin City Iron Works, Minneapolis, Minn.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Co., Cleveland, O.
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.
West Point Iron Works, West Point, Ga.
Geo. W. Wheland, Chattanooga, Tenn.

A. ANGLE GEARS.
Robt. Poole & Son Co., Baltimore, Md.

B. ANGLE PLATES & BEARINGS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Knoxville Iron Co., Knoxville, Tenn.
Robt. Poole & Son Co., Baltimore, Md.

C BEVEL GEARS.
Hugo Bilgram, N. W. c. 12th St., Philadelphia, Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chester Steel Castings Co., 407 Library St., Phila., Pa.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
Lane Mfg. Co., Montpelier, Vt. *13
Nordyke & Marmon Co., Indianapolis, Ind.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Sons Co., Baltimore, Md.
Portland Co., Portland, Me.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.

D. CAST GEARS.
Allentown Foundry & Machine Works, Allentown, Pa.
Chickasaw Iron Works, Memphis, Tenn.
Dickson Mfg. Co., Scranton, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
Lane Mfg. Co., Montpelier, Vt. *13
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Pratt & Letchworth, Buffalo, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

E. CAST RACKS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Holyoke Machine Co., Holyoke, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
Lawrence Machine Co., Lawrence, Mass.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

F. DOUBLE HELICAL GEARING.	Jno. T. Noye Mfg. Co., Buffalo, N. Y.
	Robt. Poole & Son Co., Baltimore, Md.
G. FIBEROID GEARS.	Boston Gear Works, Boston, Mass.
H. FRICTION GEARING.	Allentown Foundry & Machine Works, Allentown, Pa.
	Chickasaw Iron Works, Memphis, Tenn.
	Dickson Mfg. Co., Scranton, Pa.
	J. B. Ehrsam Machine Co., Enterprise, Kan.
	Holyoke Machine Co., Holyoke, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	Jno. T. Noye Mfg. Co., Buffalo, N. Y.
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Vulcan Iron Works, Wilkes-Barre, Pa.
I. GEARING WORMS.	Hugo Bilgram, N. W. c. 12th St., Philadelphia, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
	Vulcan Iron Works, Wilkes-Barre, Pa.
J. GEAR WHEELS.	Brown & Sharpe Mfg. Co., Providence, R. I.
	Chase Turbine Mfg. Co., Orange, Mass.
	Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
	Fairmount Mach. Co., 2106 Wood St., Philadelphia, Pa.
	Garvin Machine Co., 137 Varick St., New York.
	Gould & Eberhardt, Newark, N. J.
	Great Western Mfg. Co., Leavenworth Kan.
	E. Harrington, Son & Co., Inc., N. 15th St. & Penna. Av., Phil., Pa.
	Lane Mfg. Co., Montpelier, Vt. *13
	Nordyke & Marmon Co., Indianapolis, Ind.
	Jno. T. Noye Mfg. Co., Buffalo, N. Y.
	Phila. Gear Works, 624 Race St., Philadelphia, Pa.
	Phoenix Iron Foundry, Providence, R. I.
	Robt. Poole & Son Co., Baltimore, Md.
	Portland Co., Portland, Me.
	Pratt & Letchworth, Buffalo, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Vulcan Iron Works, Wilkes-Barre, Pa.
K. HAND GEAR WHEELS.	Robt. Poole & Son Co., Baltimore, Md.
L. HELICAL GEARING.	Jno. T. Noye Mfg. Co., Buffalo, N. Y.
	Robt. Poole & Son Co., Baltimore, Md.
M. HUNTING TOOTH GEARING.	Robt. Poole & Son Co., Baltimore, Md.
N. INTERNAL GEARING.	Jno. T. Noye Mfg. Co., Buffalo, N. Y.
	Robt. Poole & Son Co., Baltimore, Md.
O. MACHINE MOULDED GEARING.	Allentown Foundry & Machine Co., Allentown, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
P. MILL GEARING.	Allentown Foundry & Machine Co., Allentown, Pa.
	American Card Clothing Co., Worcester, Mass.
	Baugher, Kurtz & Stewart, Ltd., York, Pa.
	Case Mfg. Co., Columbus, O.
	Chickasaw Iron Works, Memphis, Tenn.
	Defiance Machine Works, Defiance, O.
	De Loach Mill Mfg. Co., Atlanta, Ga.
	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
	Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
	Fishkill Landing Machine Co., Fishkill-on-the-Hudson, N. Y.
	Geo. J. Fritz, St. Louis, Mo.
	Great Western Mfg. Co., Leavenworth, Kan.
	Holyoke Machine Co., Holyoke, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	Kutztown Foundry & Machine Co., Kutztown, Pa.
	Lane Mfg. Co., Montpelier, Vt. *13
	Lawrence & Chapin, Kalamazoo, Mich.
	Geo. F. Motter & Sons, York, Pa.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Phoenix Iron Foundry, Providence, R. I.
	Robt. Poole & Son Co., Baltimore, Md.
	Schaeffer, Merkel & Co., Fleetwood, Pa.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
	S. Morgan Smith Co., York, Pa.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Straub Machinery Co., Cincinnati, O.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	R. Wetherill & Co., Chester, Pa.
	Ypsilanti Machine Works, Ypsilanti, Mich.
Q. MITRE GEARING.	Allentown Foundry & Machine Works, Allentown, Pa.
	Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
	Chickasaw Iron Works, Memphis, Tenn.

Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
John T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Tamaqua Mfg. Co., Tamaqua, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

R. MORTISE GEARS.
Allentown Foundry & Machine Works, Allentown, Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
Lane Mfg. Co., Montpelier, Vt. *13
John T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.

S. PINIONS.
Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.
Chickasaw Iron Works, Memphis, Tenn.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
H. A. Mack Wood Working Co., Weatherly, Pa.
John T. Noye Mfg. Co., Buffalo, N. Y.
R. D. Nuttall Co., Allegheny, Pa.
Phoenix Iron Foundry, Providence, R. I.
Pittsburg Steel Castings Co., Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Pratt & Letchworth, Buffalo, N. Y.
Taylor Iron & Steel Co., High Bridge, N. J.
Totten & Hogg Iron & Steel Fdry. Co., Inc., Pittsburg, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

T. RATCHET WHEELS.
Dickson Mfg. Co., Scranton, Pa.
Robt. Poole & Son Co., Baltimore, Md.

U. RAW HIDE GEARING.
New Process Raw Hide Co., Syracuse, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Van Dorn & Dutton Co., Cleveland, O.

V. SHROUDED GEARING.
Dickson Mfg. Co., Scranton, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

W. SPIRAL GEARING.
Hugo Bilgram, N. W. c. 12th St., Philadelphia, Pa.

X. SPUR GEARING.
Hugo Bilgram, N. W. c. 12th St., Philadelphia, Pa.
Chickasaw Iron Works, Memphis, Tenn.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
Norwood Engineering Co., Florence, Mass.
John T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Tamaqua Mfg. Co., Tamaqua, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

Y. STEEL GEARS.
Pratt & Letchworth, Buffalo, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.

Z. STEEL PINIONS.
Duquesne Forge Co., Rankin, Pa.
Pratt & Letchworth, Buffalo, N. Y.
U. S. Projectile Co., 1st Av. & 53d St., Brooklyn, N. Y.

AA. WOOD COGGING.
N. P. Bowsher, South Bend, Ind.
W. J. Clark Co., Salem, O.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

BB. WORM WHEELS.
Chester Steel Castings Co., 407 Library St., Philadelphia, Pa.

Dickson Mfg. Co., Scranton, Pa.
Phoenix Iron Foundry, Providence, R. I.
Vulcan Iron Works, Wilkes-Barre, Pa.

1597. GUDGEONS.
A. & F. Brown Co., 25 Dey St., New York.
Robt. Poole & Son Co., Baltimore, Md.

1598. GUIDE PULLEY STANDS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
Clarence F. McMurray, Troy, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Woonsocket Machine & Press Co., Woonsocket, R. I.

1599. HANGERS.
Akron Iron & Steel Co., 206 Fulton St., New York.
Allentown Foundry & Machine Works, Allentown, Pa.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
American Card Clothing Co., Worcester, Mass.
American Tool & Mach. Co., Boston, Mass.
American Wood Working Machine Co., 141 B'way, N. York.
Barnard & Leas Mfg. Co., Moline, Ill.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
A. & F. Brown Co., 25 Dey St., New York.
Case Mfg. Co., Columbus, O.
Chase Turbine Mfg. Co., Orange, Mass.
Chickasaw Iron Works, Memphis, Tenn.
Clot & Meese, San Francisco, Cal.
Comstock Mfg. Co., Kalamazoo, Mich.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dayton Globe & Iron Works Co., Dayton, O.
Defiance Machine Works, Defiance, O.
Dickson Mfg. Co., Scranton, Pa.
Dodge Mfg. Co., Mishawaka, Ind.
Benj. Eastwood, Paterson, N. J.
Ellicott Machine Co., Baltimore, Md.
Estate of Paul Pryibil, 512 W. 41st St., New York.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Fall River Machine Co., Fall River, Mass.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fisher Foundry & Machine Co., Pittsburg, Pa.
Franklin Machine Co., Providence, R. I.
Frank Machinery Co., Buffalo, N. Y.
Frick Co., Waynesboro, Pa. *9
Geo. J. Fritz, St. Louis, Mo.
M. Garland, Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Joshua Hendy Machine Works, San Francisco, Cal.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Holyoke Machine Co., Holyoke, Mass.
Jeffrey Mfg. Co., Columbus, O.
Jones & Laughlins, Ltd., Pittsburg, Pa.
E. D. Jones & Sons Co., Pittsfield, Mass.
Wm. Kehoe & Co., Savannah, Ga.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Victor Knecht, 195 Wade St., Cincinnati, O.
Knowlson & Kelly, Troy, N. Y.
Lane & Bodley Co., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
Leonard & McCoy, 118 Liberty St., New York.
Lombard Iron Works & Supply Co., Augusta, Ga.
Duncan Mackenzie, Trenton, N. J.
Marshall Bros., Pittsburg, Pa.
Maryland Mfg. & Construction Co., Baltimore, Md.
Clarence F. McMurray, Troy, N. Y.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
L. J. Miller, Cincinnati, O.
Murray Iron Works Co., Burlington, Iowa.
Norwood Engineering Co., Florence, Mass.
Novelty Iron Works, Dubuque, Iowa.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Pacific Iron Works, Bridgeport, Conn.
J. W. Penfield & Son, Willoughby, O.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.

Portland Co., Portland, Me.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Reeves & Co., Columbus, Ind.
Richmond City Mill Works, Richmond, Ind.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
Seelye Mfg. Co., 110 Lincoln St., Boston, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
Sinker-Davis Co., Indianapolis, Ind.
S. Morgan Smith & Co., York, Pa.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Sam'l C. Tatum Co., Cincinnati, O.
Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill.
W. H. Tolhurst & Son, Troy, N. Y.
Townsend Furnace & Machine Shop Co., Albany, N. Y.
Valley Iron Works, Williamsport, Pa.
Variety Iron Works, York, Pa.
Walker & Elliot, Wilmington, Del.
Walker Co., Cleveland, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Wheeler Foundry Co., Worcester, Mass.
Witte Iron Works Co., Kansas City, Mo.
T. B. Wood & Sons, Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.
Ypsilanti Machine Works, Ypsilanti, Mich.

A. DROP HANGERS.
J. A. Fay & Egan Co., Cincinnati, O.

B. GIRDER CLAMPS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

C. HANGER BOXES.
Akron Iron & Steel Co., 206 Fulton St., New York.
Chase Turbine Mfg. Co., Orange, Mass.
Dayton Globe Iron Works, Dayton, O.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Holmes Fibre & Graphite Mfg. Co., 29th St., Phila., Pa.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Murray Iron Works Co., Burlington, Iowa.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Woonsocket Machine & Press Co., Woonsocket, R. I.

D. HANGER BOXES, SELF-OILING.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Noah Shaw & Co., Eau Claire, Wis.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Woonsocket Machine & Press Co., Woonsocket, R. I.

E. HANGER HOOKS.
Michigan Bolt & Nut Works, Detroit, Mich.

F. PARTING HANGERS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Robt. Poole & Son Co., Baltimore, Md.
Woonsocket Machine & Press Co., Woonsocket, R. I.

G. POST HANGERS
Defiance Machine Works, Defiance, O.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
J. A. Fay & Egan Co., Cincinnati, O.
Frick Co., Waynesboro, Pa. *9
Great Western Mfg. Co., Leavenworth, Kan.
Hess, Snyder & Co., Massillon, O.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Victor Knecht, Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Valley Iron Works, Williamsport, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

H. SELF-OILING HANGERS.
American Tool & Machine Co., Boston, Mass.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

1600. JOINTS, UNIVERSAL.
Stow Flexible Shaft Co., 26th & Callowhill Sts., Phila., Pa.
Vanderbeck Tool Works, Hartford, Conn.

1601. JOURNAL BOXES.
American Wood Working Mach. Co., 141 B'way, New York.
A. & F. Brown Co., 25 Dey St., New York.
Chester Steel Castings Co., 407 Sansom St., Phila., Pa.

Chickasaw Iron Works, Memphis, Tenn.
Dickson Mfg. Co., Scranton, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fulton Foundry Co., Cleveland, O.
Fulton Iron & Engine Works, Detroit, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Hewitt Mfg. Co., 21 Ontario St., Chicago, Ill.
E. D. Jones & Sons Co., Pittsfield, Mass.
Jas. Leffel & Co., Springfield, O.
Robt. Poole & Son Co., Baltimore, Md.
Sinker-Davis Co., Indianapolis, Ind.
Smith Sons Gin & Mach. Co., Birmingham, Ala.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Sam'l C. Tatum Co., Cincinnati, O.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

1602. PILLOW BLOCKS.

American Wood Working Mach. Co., 141 B'way, New York.
A. & F. Brown Co., 25 Dey St., New York.
Chickasaw Iron Works, Memphis, Tenn.
Comstock Mfg. Co., Kalamazoo, Mich.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Defiance Machine Works, Defiance, O.
Dickson Mfg. Co., Scranton, Pa.
Dodge Mfg. Co., Mishawaka, Ind.
Fairmount Mach. Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Frick Co., Waynesboro, Pa. *9
Great Western Mfg. Co., Leavenworth, Kan.
Jeffrey Mfg. Co., Columbus, O.
Jones & Laughlins, Ltd., Pittsburg, Pa.
E. D. Jones & Sons Co., Pittsfield, Mass.
Clarence F. McMurray, Troy, N. Y.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Tamaqua Mfg. Co., Tamaqua, Pa.
Sam'l C. Tatum Co., Cincinnati, O.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

A. CLAMP BOXES.

Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Mach. Co., 2106 Wood St., Philadelphia, Pa.
Frick Co., Waynesboro, Pa. *9
Robt. Poole & Son Co., Baltimore, Md.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

1603. POWER TRANSMISSION SYSTEMS.

A. ELECTRIC POWER TRANSMISSION SYSTEMS.

C. & C. Electric Co., 143 Liberty St., New York.

B. LONG DISTANCE POWER TRANSMISSION SYSTEMS.

General Electric Co., Schenectady, N. Y.

1604. PULLEYS.

Akron Iron & Steel Co., 206 Fulton St., New York.
Allentown Foundry & Mach. Works, Allentown, Pa.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
American Card Clothing Co., Worcester, Mass.
American Clay Working Mach. Co., Bucyrus, O.
American Tool & Mach. Co., 109 Beach St., Boston, Mass.
American Wood Working Mach. Co., 141 B'way, New York.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Barnard & Leas Mfg. Co., Moline, Ill.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
A. & F. Brown Co., 25 Dey St., New York.
C. H. Brown & Co., Main c. Willow Sts., Fitchburg, Mass.
Case Mfg. Co., Columbus, O.
Charter Gas Engine Co., Sterling, Ill.
Chase Turbine Mfg. Co., Orange, Mass.
Clot & Meese, San Francisco, Cal.
H. Dudley Coleman, New Orleans, La.
C. & G. Cooper Co., Mount Vernon, O.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Cyrus Currier & Sons, Newark, N. J.

Dayton Globe Iron Works Co., Dayton, O.
Dickson Mfg. Co., Scranton, Pa.
Benjamin Eastwood, Paterson, N. J.
J. B. Ehrsam Mach. Co., Enterprise, Kan.
Ellicott Mach. Co., Baltimore, Md.
Estate of Paul Pryibil, 512 W. 41st St., New York.
Fairbanks Co., 311 Broadway, New York.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Fall River Machine Co., Fall River, Mass.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fishkill Landing Machine Co., Fishkill-on-the-Hudson, N. Y.
Fitchburg Machine Works, Fitchburg, Mass.
Franklin Machine Co., Providence, R. I.
Frank Machinery Co., Buffalo, N. Y.
Frick Co., Waynesboro, Pa. *9
Geo. J. Fritz, 2008 S. 3d St., St. Louis, Mo.
Frost Mfg. Co., Galesburg, Ill.
M. Garland, Bay City, Mich.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Griffith & Wedge Co., Zanesville, O.
Joshua Hendy Machine Works, San Francisco, Cal.
Hess, Snyder & Co., Massillon, O.
Holyoke Machine Co., Holyoke, Mass.
Rodney Hunt Machine Co., Orange, Mass.
Jeffrey Mfg. Co., Columbus, O.
Jones & Laughlins, Ltd., Pittsburg, Pa.
E. D. Jones & Sons Co., Pittsfield, Mass.
Wm. Kehoe & Co., Savannah, Ga.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Knowlson & Kelly, Troy, N. Y.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
James Leffel & Co., Springfield, O.
Link-Belt Mach. Co., Stewart Av. & 39th St., Chicago, Ill.
Livermore Foundry & Machine Co., Memphis, Tenn.
Lombard Iron Works & Supply Co., Augusta, Ga.
Duncan Mackenzie, Trenton, N. J.
Mahoning Valley Iron Co., Youngstown, O.
Mansfield Machine Works, Mansfield, O.
Marshall Bros., Pittsburg, Pa.
Maryland Mfg. & Construction Co., Baltimore, Md.
Mecklenburg Iron Works, Charlotte, N. C.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Murray Iron Works Co., Burlington, Iowa.
Nordyke & Marmon Co., Indianapolis, Ind.
Norwood Engineering Co., Florence, Mass.
Novelty Iron Works, Dubuque, Iowa.
Jno. T. Noye Mfg. Co., Buffalo, N. Y.
Pacific Iron Works, Bridgeport, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
J. W. Penfield & Son, Willoughby, O.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Sons Co., Baltimore, Md.
Portland Co., Portland, Me.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Richmond City Mill Works, Richmond, Ind.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
Olin Scott, Bennington, Vt.
Seelye Mfg. Co., 110 Lincoln St., Boston, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
Sinker-Davis Co., Indianapolis, Ind.
S. Morgan Smith Co., York, Pa.
Smith Sons Gin & Machinery Co., Birmingham, Ala.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
Sprout, Waldron & Co., Muncy, Pa.
Stearns Mfg. Co., Erie, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Sulzer Machine Co., Louisville, Ky.
Tamaqua Mfg. Co., Tamaqua, Pa.
Sam'l C. Tatum Co., Water & John Sts., Cincinnati, O.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill.
W. H. Tolhurst & Son, Troy, N. Y.

Townsend Furnace & Machine Shop Co., Albany, N. Y.
Twin City Iron Works, 307 3d St., Minneapolis, Minn.
Valley Iron Works, Williamsport, Pa.
Variety Iron Works, York, Pa.
Henry Vogt Machine Co., Louisville, Ky.
Walker Co., Cleveland, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.
West Point Iron Works, West Point, Ga.
Geo. W. Wheland, Chattanooga, Tenn.
Winship Machine Co., Atlanta, Ga.
Witte Iron Works Co., 1215 Walnut St., Kansas City, Mo.
T. B. Wood's Sons, Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

A. BALANCED PULLEYS.
A. & F. Brown Co., 25 Dey St., New York.
Defiance Machine Works, Defiance, O.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
General Electric Co., Schenectady, N. Y.
Lane & Bodley Co., Cincinnati, O.
Link-Belt Machinery Co., 39th St. & Stewart Av., Chic., Ill.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Valk & Murdoch Iron Works, Charleston, S. C.
Vulcan Iron Works, Wilkes-Barre, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

B. CENTRIFUGAL CLUTCH PULLEYS.
American Tool & Mach. Co., 109 Beach St., Boston, Mass.

C. CLAMP HUB PULLEYS.
Akron Iron & Steel Co., 206 Fulton St., New York.
A. & F. Brown Co., 25 Dey St., New York.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Woonsocket Machine & Press Co., Woonsocket, R. I.

D. CLUTCH PULLEYS.
Akron Iron & Steel Co., 206 Fulton St., New York.
Allentown Foundry & Machine Works, Allentown, Pa.
A. & F. Brown Co., 25 Dey St., New York.
Brown & Sharpe Mfg. Co., Providence, R. I.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Hess, Snyder & Co., Massillon, O.
Hill Clutch Co., Cleveland, O.
Rodney Hunt Machine Co., Orange, Mass.
Jas. Hunter Machine Co., North Adams, Mass.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Noah Shaw & Co., Eau Claire, Wis.
Sinclair & Scott Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.

E. CONE PULLEYS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
Robt. Poole & Son Co., Baltimore, Md.
Woonsocket Machine & Press Co., Woonsocket, R. I.

F. DYNAMOMETER PULLEYS.
A. & F. Brown Co., 25 Dey St., New York.
A. G. Burton & Son, 46 S. Clinton St., Chicago, Ill.
Dodge Mfg. Co., Mishawaka, Ind.
Robt. Poole & Son Co., Baltimore, Md.
Woonsocket Machine & Press Co., Woonsocket, R. I.

G. FLANGE PULLEYS.
Robt. Poole & Son Co., Baltimore, Md.

H. FRICTION CLUTCH PULLEYS.
Akron Iron & Steel Co., 206 Fulton St., New York.
Beloit Iron Works, Beloit, Wis.
J. C. Blevney, Newark, N. J.
A. & F. Brown Co., 25 Dey St., New York.
Diamond Iron Works, Minneapolis, Minn.
Dickson Mfg. Co., Scranton, Pa.
Eastern Machinery Co., New Haven, Conn.
Fairbanks Co., 311 Broadway, New York.
Fairbanks, Morse & Co., Franklin & Munroe Sts., Chic., Ill.

Fitchburg Machine Works, Fitchburg, Mass.
Gifford Bros., Hudson, N. Y.
Hess, Snyder & Co., Massillon, O.
Hill Clutch Co., Cleveland, O.
Jas. Hunter Machine Co., North Adams, Mass.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Moon & White Co., 15th St. & Lehigh Av., Phila., Pa.
Morris County Machine & Iron Co., Dover, N. J.
New Haven Mfg. Co., New Haven, Conn.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Putnam Machine Co., Fitchburg, Mass.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
J. C. Steele & Sons, Statesville, N. C.
Stevenson & Co., Wellsville, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Taper Sleeve Pulley Works, Erie, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.
D. W. Williamson & Co., Indianapolis, Ind.

H. GROOVED PULLEYS.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Woonsocket Machine & Press Co., Woonsocket, R. I.

I. GUIDE PULLEYS.
A. & F. Brown Co., 25 Dey St., New York.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Jno. Royle & Son, Paterson, N. J.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Woonsocket Machine & Press Co., Woonsocket, R. I.

J. LOOSE PULLEY ARRANGEMENTS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Woonsocket Machine & Press Co., Woonsocket, R. I.

K. PAPER PULLEYS.
American Paper Pulley Co., Indianapolis, Ind.
Nordyke & Marmon Co., 1007 Morris St., Indianapolis, Ind.
Robt. Poole & Son Co., Baltimore, Md.
Rockwood Mfg. Co., Indianapolis, Ind.

L. ROPE PULLEYS.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

M. SEWING MACHINE PULLEYS.
Singer Mfg. Co., 561 Broadway, New York.
Standard Sewing Machine Co., Cleveland, O.

N. SPECIAL PULLEYS.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

O. SPLIT PULLEYS.
Akron Iron & Steel Co., 206 Fulton St., New York.
A. & F. Brown Co., 25 Dey St., New York.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Frick Co., Waynesboro, Pa. *9
Great Western Mfg. Co., Leavenworth, Kan.
Hess, Snyder & Co., Massillon, O.
Holyoke Machine Co., Holyoke, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
Lane Mfg. Co., Montpelier, Vt. *13
Leonard & McCoy, 118 Liberty St., New York.
Clarence F. McMurray, Troy, N. Y.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Phoenix Iron Foundry, Providence, R. I.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

P. STEEL RIM PULLEYS.
Akron Iron & Steel Co., 206 Fulton St., New York.

American Pulley Co., 18th & Hamilton Sts., Phila., Pa.

Q. TRAVELING PULLEYS.
Alfred Box & Co., Poplar & Canal Sts., Philadelphia, Pa.

R. WOOD PULLEYS.
American Paper Pulley Co., Indianapolis, Ind.
American Wood Working Mach. Co., 141 B'way, New York.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Defiance Machine Works, Defiance, O.
Dodge Mfg. Co., Mishawaka, Ind.
Fairbanks Co., 311 Broadway, New York.
Lane Mfg. Co., Montpelier, Vt. *13
William Sumner Belting Co., Tolland, Conn.
Taper Sleeve Pulley Works, Erie, Pa.
Union Hardware Co., Torrington, Conn.
Valley Iron Works, Williamsport, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

S. WOOD RIM PULLEYS.
Dodge Mfg. Co., Mishawaka, Ind.

T. WOOD SPLIT PULLEYS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Barnard & Leas Mfg. Co., Moline, Ill.
Bradford Belting Co., 2d & Walnut Sts., Cincinnati, O.
Brownell & Co., Dayton, O.
F. A. Chase & Co., Providence, R. I.
Dodge Mfg. Co., Mishawaka, Ind.
Lane Mfg. Co., Montpelier, Vt. *13
Parke & Lacy Co., San Francisco, Cal.
Saginaw Mfg. Co., Saginaw, Mich.
Taper Sleeve Pulley Works, Erie, Pa.

1605. ROPE TRANSMISSION.

Diamond Iron Works, Minneapolis, Minn.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
C. W. Hunt Co., 45 Broadway, New York.
Jeffrey Mfg. Co., Columbus, O.
Link-Belt Mach. Co., Stewart Av. & 39th St., Chicago, Ill.
Murray Iron Works Co., Burlington, Iowa.
Nordyke & Marmon Co., Indianapolis, Ind.
Olin Scott, Bennington, Vt.
Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.

A. ROPE DRIVING DRUMS.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Link-Belt Engineering Co., 49 Dey St., New York.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Trenton Iron Co., Trenton, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

B. ROPE SHEAVES.
Edward P. Allis Co., Milwaukee, Wis.
Boston & Lockport Block Co., Boston, Mass.
A. & F. Brown Co., 25 Dey St., New York.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Dodge Mfg. Co., Mishawaka, Ind.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Great Western Mfg. Co., Leavenworth, Kan.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Thos. Laughlin, Portland, Me.
Lidgerwood Mfg. Co., 96 Liberty St., New York.
Link-Belt Mach. Co., Stewart Av. & 39th St., Chicago, Ill.
Nelsonville Foundry & Machine Co., Nelsonville, O.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Tamaqua Mfg. Co., Tamaqua, Pa.
Taylor Iron & Steel Co., High Bridge, N. J.
Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill.
Twin City Iron Works, 307 3d St., South, Minneapolis, Minn.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Co., Cleveland, O.

C. ROPE TRANSMISSION WHEELS.
Robt. Poole & Son Co., Baltimore, Md.

D. WIRE ROPE SHEAVES.
Boston & Lockport Block Co., Boston, Mass.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.

Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Great Western Mfg. Co., Leavenworth, Kan.
Kenney & Co., Scottdale, Pa.
A. Leschen & Sons Rope Co., 920 N. Main St., St. Louis, Mo.
Nordyke & Marmon Co., 1007 Morris St., Indianapolis, Ind.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.

E. WIRE ROPE TRANSMISSION WHEELS.
Robt. Poole & Son Co., Baltimore, Md.

1606. SHAFT COLLARS.
Chickasaw Iron Works, Memphis, Tenn.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Ellicott Machine Co., Baltimore, Md.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Frick Co., Waynesboro, Pa. *9
Great Western Mfg. Co., Leavenworth, Kan.
Keystone Drop Forge Co., 20th & Clearfield Sts., Phila., Pa.
Lane Mfg. Co., Montpelier, Vt. *13
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
John T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Valley Iron Works, Williamsport, Pa.

A. CLAMP COLLARS.
A. & F. Brown Co., 25 Dey St., New York.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Thornburgh-Creel Co., 240 Jefferson St., Chicago, Ill.

B. SET COLLARS.
Robt. Poole & Son Co., Baltimore, Md.
Twin City Iron Works, 307 3d St., South, Minneapolis, Minn.

C. SHRINK COLLARS.
Robt. Poole & Son Co., Baltimore, Md.

1607. SHAFTING.
Akron Iron & Steel Co., 206 Fulton St., New York.
Allentown Foundry & Machine Works, Allentown, Pa.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
American Card Clothing Co., Worcester, Mass.
American Clay Working Mach. Co., Bucyrus, O.
American Tool & Machine Co., 109 Beach St., Boston, Mass.
American Wood Working Mach. Co., 141 B'way, New York.
Barnard & Leas Mfg. Co., Moline, Ill.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
Bethlehem Iron Co., Bethlehem, Pa.
A. & F. Brown Co., 25 Dey St., New York.
Case Mfg. Co., Columbus, O.
Charter Gas Engine Co., Sterling, Ill.
Chase Turbine Mfg. Co., Orange, Mass.
Chickasaw Iron Works, Memphis, Tenn.
Clot & Meese, San Francisco, Cal.
H. Dudley Coleman, New Orleans, La.
Cordesman Machine Co., Butler St., Cincinnati, O.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Cumberland Steel & Tin Plate Co., Cumberland, Md.
Cyrus Currier & Sons, Newark, N. J.
Dayton Globe Iron Works Co., Dayton, O.
P. K. Dederick's Sons, Albany, N. Y.
Defiance Machine Works, Defiance, O.
Dickson Mfg. Co., Scranton, Pa.
Dodge Mfg. Co., Mishawaka, Ind.
Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
Benjamin Eastwood, Paterson, N. J.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Ellicott Machine Co., Baltimore, Md.
Erie Forge Co., Erie, Pa.
Estate of Paul Pryibil, 512 W. 41st St., New York.
Fairbanks Co., 311 Broadway, New York.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Fall River Machine Co., Fall River, Mass.
J. A. Fay & Egan Co., Cincinnati, O.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fischer Foundry & Machine Co., Pittsburg, Pa.
Fishkill Landing Mach. Co., Fishkill-on-the-Hudson, N. Y.

Franklin Machine Co., Providence, R. I.
Frank Machinery Co., Buffalo, N. Y.
Frick Co., Waynesboro, Pa. *9
Geo. J. Fritz, 2008 S. 3d St., St. Louis, Mo.
Frost Mfg. Co., Galesburg, Ill.
M. Garland, Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Griffith & Wedge Co., Zanesville, O.
Joshua Hendy Machine Works, San Francisco, Cal.
P. C. Holmes Co., Gardiner, Me.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Rodney Hunt Machine Co., Orange, Mass.
Jeffrey Mfg. Co., Columbus, O.
E. D. Jones & Sons Co., Pittsfield, Mass.
D. R. Kenyon & Son, Raritan, N. J.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Knowlson & Kelly, Troy, N. Y.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
James Leffel & Co., Springfield, O.
Leonard & McCoy, 118 Liberty St., New York.
Link-Belt Mach. Co., 39th & Stewart Av., Chicago, Ill.
Livermore Foundry & Machine Co., Memphis, Tenn.
Lombard Iron Works & Supply Co., Augusta, Ga.
Duncan Mackenzie, Trenton, N. J.
Mansfield Machine Works, Mansfield, O.
Marshall Bros., Pittsburg, Pa.
Maryland Mfg. & Construction Co., Baltimore, Md.
Clarence F. McMurray, Troy, N. Y.
Mecklenburg Iron Works, Charlotte, N. C.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Murray Iron Works Co., Burlington, Iowa.
Nordyke & Marmon Co., Indianapolis, Ind.
Norwood Engineering Co., Florence, Mass.
Novelty Iron Works, Dubuque, Iowa.
John T. Noye Mfg. Co., Buffalo, N. Y.
Pacific Iron Works, Bridgeport, Conn.
Phoenix Iron Foundry, Providence, R. I.
Pierson & Co., 24 West St., New York.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Richmond City Mill Works, Richmond, Ind.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
Olin Scott, Bennington, Vt.
Seelye Mfg. Co., 110 Lincoln St., Boston, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
S. Morgan Smith Co., York, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Stearns Mfg. Co., Erie, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Sulzer Machine Co., Louisville, Ky.
Tamaqua Mfg. Co., Tamaqua, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill.
W. H. Tolhurst & Son, Troy, N. Y.
Townsend Furnace & Machine Shop Co., Albany, N. Y.
Troy Steel Co., Troy, N. Y.
Twin City Iron Works, 307 3d St., South, Minneapolis, Minn.
Valley Iron Works, Williamsport, Pa.
Henry Vogt Machine Co., Louisville, Ky.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker & Elliot, Wilmington, Del.
Walker Co., Cleveland, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.
West Point Iron Works, West Point, Ga.
Wetherill & Co., Chester, Pa.
Geo. W. Wheland, Chattanooga, Tenn.
Winship Machine Co., Atlanta, Ga.
Witte Iron Works Co., 1215 Walnut St., Kansas City, Mo.
T. B. Wood's Sons, Chambersburgh, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

A. COLD ROLLED SHAFTING, IRON.

Akron Iron & Steel Co., 206 Fulton St., New York.
Dickson Mfg. Co., Scranton, Pa.
General Electric Co., Schenectady, N. Y.

Jones & Laughlins, Ltd., Pittsburg, Pa.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Link-Belt Mach. Co., 39th St. & Stewart Av., Chicago, Ill.
Robt. Poole & Son Co., Baltimore, Md.
Union Drawn Steel Co., Beaver Falls, Pa.
Valk & Murdoch Iron Works, Charleston, S. C.

B. COLD ROLLED SHAFTING, STEEL.
Akron Iron & Steel Co., 206 Fulton St., New York.
Dickson Mfg. Co., Scranton, Pa.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Union Drawn Steel Co., Beaver Falls, Pa.

C. COUNTER SHAFTS.
Brown & Sharpe Mfg. Co., Providence, R. I.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Frasse Co., 19 Warren St., New York.
Frick Co., Waynesboro, Pa. *9
Garvin Machine Co., 141 Varick St., New York.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
John T. Noye Mfg. Co., Buffalo, N. Y.
W. W. Oliver, 1483 Niagara St., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Silver Mfg. Co., Salem, O.
B. F. Sturtevant Co., Boston, Mass.

D. FLEXIBLE SHAFTS.
Chicago Flexible Shaft Co., 158 Huron St., Chicago, Ill.
Stow Flexible Shaft Co., N. 26th & Callowhill Sts., Phil., Pa.
Stow Mfg. Co., Binghamton, N. Y. *13

E. HAMMERED SHAFTING, IRON.
Bridgeport Rolling Mill, Bridgeport, Conn.
Cumberland Iron & Steel Shafting Co., Cumberland, Md.
Dickson Mfg. Co., Scranton, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

F. HAMMERED SHAFTING, STEEL.
Cumberland Iron & Steel Shafting Co., Cumberland, Md.
Dickson Mfg. Co., Scranton, Pa.
Finished Steel Co., Youngstown, O.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

G. STEEL SHAFTING.
Bethlehem Iron Co., Bethlehem, Pa.
Dickson Mfg. Co., Scranton, Pa.
Duquesne Forge Co., Rankin, Pa.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
Nordyke & Marmon Co., 1007 Morris St., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Troy Steel Co., Troy, N. Y.
Union Rolling Mill Co., Cleveland, O.

1608. SHAFT PEDESTALS.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Ellicott Machine Co., Baltimore, Md.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.

A. PEDESTAL BASE PLATES.
Akron Iron & Steel Co., 206 Fulton St., New York.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. PEDESTAL BRACKETS.
Robt. Poole & Son Co., Baltimore, Md.

C. RING OILING PEDESTALS.
Robt. Poole & Son Co., Baltimore, Md.

1609. SPROCKET WHEELS.
C. O. Bartlett & Co., Cleveland, O.
Boston Gear Works, 31 Hartford St., Boston, Mass.
Case Mfg. Co., Columbus, O.
Chain Belt Co., Milwaukee, Wis.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Detroit Sprocket Chain Co., Ltd., Detroit, Mich.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Great Western Mfg. Co., Leavenworth, Kan.
Jeffrey Mfg. Co., Columbus, O.
Moline Malleable Iron Co., Moline, Ill.
John T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Robt. Poole & Son Co., Baltimore, Md.
Skillin-Richards Mfg. Co., Jefferson St., Chicago, Ill.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

Ypsilanti Machine Works, Ypsilanti, Mich.

1610. TAKE-UP BOXES FOR SLACK BELTS.
Chain Belt Co., Milwaukee, Wis.

1611. WALL BOXES.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
John T. Noye Mfg. Co., Buffalo, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

A. WALL PLATES.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

1612. WALL BRACKETS.
A. & F. Brown Co., 25 Dey St., New York.
Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Medart Patent Pulley Co., 277 S. Canal St., Chicago, Ill.
John T. Noye Mfg. Co., Buffalo, N. Y.
Robt. Poole & Son Co., Baltimore, Md.

PUMPING.

1613. ACID PUMPS.
Geo. F. Blake Mfg. Co., Boston, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Deane Steam Pump Co., Holyoke, Mass.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
Morris Machine Works, Baldwinsville, N. Y.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Chas. Ward, Charleston, W. Va.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1614. ADMIRALTY PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1615. AIR PUMPS.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Blakeslee Mfg. Co., Du Quoin, Ill.
A. S. Cameron Steam Pump Wks., Ft. E. 23d St., New York.
Clayton Air Compressor Wks., 26 Cortlandt St., New York.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Epping-Carpenter Co., Pittsburg, Pa.
Fairbanks, Morse & Co., Frank. & Monroe Sts., Chicago, Ill.
Gilbert & Barker Mfg. Co., Springfield, Mass.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
George F. Motter & Sons, York, Pa.
New York Air Brake Co., 66 Broadway, New York.
P. H. & F. M. Roots & Co., Connersville, Ind.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Herman Strater & Sons, Boston, Mass.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

A. AIR PUMP CUPS & WASHERS.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.

B. DUPLEX AIR PUMPS.
Clayton Air Compressor Works, 26 Cortlandt St., N. York.
Huetteman & Cramer Co., Detroit, Mich.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

C. STEAM POWER AIR PUMPS.
Edward P. Allis Co., Milwaukee, Wis.

1616. AMMONIA PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Gould Mfg. Co., Seneca Falls, N. Y.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.

Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1617. ANTI-FREEZING PUMPS.
W. & B. Douglass, Middletown, Conn.
Fairbanks, Morse & Co., Franklin & Munroe Sts., Chic., Ill.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

1618. BARREL PUMPS.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
Church Mfg. Co., Adrian, Mich.
Deming Co., Salem, O.
Field Force Pump Co., Lockport, N. Y.
Union Mfg. Co., New Britain, Conn.

1619. BEER & ALE PUMPS.
P. O. Benjamin Mfg. Co., Lafayette, Ind.
Bishop & Babcock Co., Cleveland, O.
Chambers & Ainslie, Newark, N. J.
Cleveland Faucet Co., 15 Frankfort St., Cleveland, O.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Haydenville Co., Haydenville, Mass.
Hersey Mfg. Co., South Boston, Mass.
Keenan Bros. Mfg. Co., 184 Washington St., Chicago, Ill.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
Peck Bros. & Co., New Haven, Conn.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Herman Strater & Sons, Boston, Mass.
Samuel Toombs, 10 Peck Slip, New York.
Union Mfg. Co., New Britain, Conn.

A. BEER PUMP AIR TANKS.
John Trageser Steam Copper Wks., 447 W. 26th St., N. York.

1620. BLEACHING PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., Boston, Mass.
Deane Steam Pump Co., Holyoke, Mass.
Morris Machine Works, Baldwinsville, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1621. BOILER FEED PUMPS.
Blakeslee Mfg. Co., Du Quoin, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y.
Hill Machine Co., Anderson, Ind.
R. R. Howell & Co., Minneapolis, Minn.
George F. Motter & Sons, York, Pa.
Nason Mfg. Co., 71 Beekman St., New York.

A. BOILER FEED PUMPS, HAND.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Union Mfg. Co., New Britain, Conn.

B. BOILER FEED PUMPS, STEAM.
Albany Steam Trap Co., Albany, N. Y.
Edward P. Allis Co., Milwaukee, Wis.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Wm. Baragwanath & Son, 48 W. Division St., Chicago, Ill.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Boston, Mass.
Clayton Air Compressor Works, 26 Cortlandt St., New York.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Isaac B. Davis & Son, Hartford, Conn.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Epping-Carpenter Co., Pittsburg, Pa.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Frick Co., Waynesboro, Pa. *9
Geo. J. Fritz, St. Louis, Mo.
Hall Steam Pump Co., Allegheny, Pa.
Wm. A. Harris Steam Engine Co., Providence, R. I.
Hooker Steam Pump Works, St. Louis, Mo.
E. D. Jones & Son Co., Pittsfield, Mass.
Kensington Eng. Wks., Ltd., Beach & Vienna Sts., Phil., Pa.
Knowles Steam Pump Works, Warren, Mass.

Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
Mansfield Machine Works, Mansfield, O.
John H. McGowan Co., Cincinnati, O.
Norwood Engineering Co., Florence, Mass.
John T. Noye Mfg. Co., Buffalo, N. Y.
Phoenix Iron Foundry, Providence, R. I.
Jas. G. Pulling & Co., Columbus, O.
J. Regester & Sons, Baltimore, Md.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Trevor Mfg. Co., Lockport, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walworth Mfg. Co., Boston, Mass.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Wetherill & Co., Chester, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1622. BREWERY PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Boston, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

A. AIR PRESSURE PUMPS.
Clayton Air Compressor Wks., 26 Cortlandt St., New York.
Deming Co., Salem, O.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
George F. Motter & Sons, York, Pa.
P. H. & F. M. Roots & Co., Connersville, Ind.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1623. CELLAR PUMPS.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
H. Dudley Coleman, New Orleans, La.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Huetteman & Cramer Co., Detroit, Mich.
X. Stoutenborough, 277 Pearl St., New York.

A. CELLAR DRAINERS.
C. M. Kemp Mfg. Co., Baltimore, Md.

1624. CENTRIFUGAL PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Barnes Mfg. Co., Mansfield, O.
Beloit Iron Works, Beloit, Wis.
H. Dudley Coleman, New Orleans, La.
Davis-Farrar Co., Erie, Pa.
W. & B. Douglas, Middletown, Conn.
Dowington Mfg. Co., Ltd., East Dowington, Pa.
Joseph Edwards & Co., 412 Water St., New York.
W. T. Garrett & Co., Inc., San Francisco, Cal.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
R. R. Howell & Co., Minneapolis, Minn.
Byron Jackson Machine Works, San Francisco, Cal.
Kansas City Hay Press Co., Kansas City, Mo.
Lawrence Machine Co., Lawrence, Mass.
Morris Machine Works, Baldwinsville, N. Y.
S. D. Nevin, Lowville, N. Y.
James G. Pulling & Co., Columbus, O.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
San Francisco Tool Works, San Francisco, Cal.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Trevor Mfg. Co., Lockport, N. Y.
Irvin Van Wie, Syracuse, N. Y.

1625. CHAIN PUMPS.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
C. G. Blatchley, S. Swanson, c. McKean St., Phila., Pa.
W. & B. Douglas, Middletown, Conn.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Hayes Pump & Planter Co., Galva, Ill.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Moline Pump Co., Moline, Ill.

Union Mfg. Co., New Britain, Conn.
E. W. Walker & Stutz Co., Goshen, Ind.
A. Wyckoff & Son, Elmira, N. Y.

A. RUBBER BUCKET CHAIN PUMPS.
S. E. Crawford, Norwalk, O.
Howard & Jennings, Syracuse, N. Y.
Red Jacket Mfg. Co., Davenport, Iowa.
St. Joseph Pump & Mfg. Co., St. Joseph, Mo.

1626. CIRCULATING PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Boston, Mass.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Joseph Edwards & Co., 412 Water St., New York.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1627. CISTERN PUMPS.
Barnes Mfg. Co., Mansfield, O.
Deane Steam Pump Co., Holyoke, Mass.
Deming Co., Salem, O.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Hess, Snyder & Co., Massillon, O.
A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
Moline Pump Co., Moline, Ill.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Union Mfg. Co., New Britain, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

A. CISTERN AERATING PUMPS.
Sandwich Enterprise Co., Sandwich, Ill.

1628. COMBINED PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.

A. COMBINED AIR & BOILER FEED PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Hall Steam Pump Co., Allegheny, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

B. COMBINED AIR & CIRCULATING PUMPS.
Geo. F. Blake Mfg. Co., Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

C. COMBINED BOILER PUMPS & HEATERS.
Nason Mfg. Co., 71 Broadway, New York.
N. Y. Safety Steam Power Co., 107 Liberty St., New York.

D. COMBINED BOILERS & PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
A. S. Cameron Steam Pump Wks., Ft. E. 23d St., New York.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Hall Steam Pump Co., Allegheny, Pa.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
John T. Noye Mfg. Co., Buffalo, N. Y.
James G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

E. COMBINED CREAMERY ENGINES & PUMPS.
A. H. Barber & Co., 229 S. Water St., Chicago, Ill.
Battle Creek Steam Pump Co., Battle Creek, Mich.
J. G. Cherry, Cedar Rapids, Iowa.
Vilter Mfg. Co., Milwaukee, Wis.

F. COMBINED INJECTION & REFRIGERATOR PUMPS.
Geo. F. Blake Mfg. Co., Boston, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

G. COMBINED VACUM & WATER PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Knowles Steam Pump Co., Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1629. COOLER PUMPS.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vilter Mfg. Co., Milwaukee, Wis.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1630. COTTON PRESS PUMPS.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1631. CRANK PUMPS.
Geo. F. Blake Mfg. Co., Boston, Mass.
Deane Steam Pump Co., Holyoke, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1632. DIAPHRAGM PUMPS.
Boston & Lockport Block Co., Boston, Mass.
Edson Mfg. Co., Boston, Mass.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1633. DISTILLERY PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Hersey Mfg. Co., South Boston, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

A. MASH PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Clayton Air Compressor Works, 26 Cortlandt St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1634. DOCTOR PUMPS.
Geo. J. Fritz, St. Louis, Mo.

1635. DRAINAGE MACHINERY.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Marion Steam Shovel Co., Marion, O.
Morris & Cumings Dredging Co., 24 State St., New York.
Osgood Dredge Co., Albany, N. Y.

A. DRAINAGE PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Edson Mfg. Co., Boston, Mass.
Joseph Edwards & Co., 412 Water St., New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Knowles Steam Pump Co., Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
U. S. Wind Engine & Pump Co., Batavia, Ill.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1636. DUPLEX FLYWHEEL PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Epping-Carpenter Co., Pittsburg, Pa.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1637. EJECTORS.
Hancock Inspirator Co., Boston, Mass.
Hayden & Derby Mfg. Co., 111 Liberty St., New York.
Lee Injector Mfg. Co., Detroit, Mich. *5
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Nathan Mfg. Co., 92 Liberty St., New York.
Penberthy Injector Co., Detroit, Mich.
Rice Mfg. Co., 215 Race St., Philadelphia, Pa.
Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
Sherwood Mfg. Co., Buffalo, N. Y.
Roe Stephens Mfg. Co., Detroit, Mich.

1638. ELECTRIC PUMPS.
Baldwinsville Centrifugal Pump Co., Syracuse, N. Y.
E. G. Bernard Co., Troy, N. Y.
Commercial Electric Co., Indianapolis, Ind.
Thos H. Dallett & Co., York St. & Sedgley Av., Phila., Pa.
Deane Steam Pump Co., Holyoke, Mass.
General Electric Co., Schenectady, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y.
Holly Mfg. Co., Lockport, N. Y.
Jeanesville Iron Works Co., Jeanesville, Pa. *7
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Stearns-Rogers Mfg. Co., Denver, Col.

1639. ELEVATOR PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.

Geo. F. Blake Mfg. Co., Boston, Mass.
Deane Steam Pump Co., Holyoke, Mass.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
St. Joseph Pump Co., St. Joseph, Mo.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1640. FAN PUMPS.
Beloit Iron Works, Beloit, Wis.
Black & Clawson Co., Hamilton, O.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
Smith & Winchester Co., South Windham, Conn.

1641. FILTER PRESS PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Deane Steam Pump Co., Holyoke, Mass.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

1642. FIRE ENGINES.
American Fire Engine Co., Seneca Falls, N. Y.
Daimler Mfg. Co., Long Island City, N. Y.

A. COMBINED FIRE ENGINES & LADDER TRUCKS.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Racine Fire Engine Co., Ltd., Racine, Wis.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

B. HAND FIRE ENGINES.
American Fire Engine Co., Seneca Falls, N. Y.
W. & B. Douglas, Middletown, Conn.
Rumsey Mfg. Co., Ltd., Seneca Falls, N. Y.

C. STEAM FIRE ENGINE DOMES.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.

D. STEAM FIRE ENGINES.
American Fire Engine Co., Seneca Falls, N. Y.
Clapp & Jones Mfg. Co., Seneca Falls, N. Y.
La France Fire Engine Co., Elmira, N. Y.
Manchester Locomotive Works, Manchester, N. H.
Waterous Engine Works Co., St. Paul, Minn.

1643. FIRE PUMPS.
American Fire Engine Co., Seneca Falls, N. Y.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Boston, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Deming Co., Salem, O.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Chas. T. Holloway & Co., Baltimore, Md.
Holyoke Machine Co., Holyoke, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
Knowles Steam Pump Works, Warren, Mass.
La France Fire Engine Co., Elmira, N. Y.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lindgren Mahan Fire Apparatus Works, Chicago, Ill.
Andrew J. Morse & Son, Boston, Mass.
Jas. G. Pulling & Co., Columbus, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Albert Russell & Sons, Newburyport, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Phila., Pa.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

A. PISTON FIRE PUMPS.
American Fire Engine Co., Seneca Falls, N. Y.

B. ROTARY FIRE PUMPS.
American Fire Engine Co., Seneca Falls, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Rodney Hunt Machine Co., Orange, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
P. H. & F. M. Roots & Co., Connersville, Ind.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
S. Morgan Smith Co., York, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

C. UNDERWRITER FIRE PUMPS.
Cardwell Machine Co., Richmond, Va.

1644. FORCE PUMPS.
Barnes Mfg. Co., Mansfield, O.
Hersey Mfg. Co., South Boston, Mass.
Hess, Snyder & Co., Massillon, O.
May Bros., Galesburg, Ill.
Novelty Iron Works, Sterling, Ill.
Wm. Powell Co., 50 Plum St., Cincinnati, O.

A. HAND FORCE PUMPS.
Cardwell Machine Co., Richmond, Va.
Champion Iron Co., Kenton, O.
Columbiana Pump & Machine Co., Columbiana, O.

Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Edson Mfg. Co., Boston, Mass.
Field Force Pump Co., Lockport, N. Y.
Flint & Walling Mfg. Co., Kendallville, Ind.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Hayes Pump & Planter Co., Galva, Ill.
Hill Machine Co., Anderson, Ind.
Mast, Foos & Co., Springfield, O.
F. E. Myers & Bro., Ashland, O.
M. Reynolds Plumbers' Supply Co., 25 Centre St., New York.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
Union Mfg. Co., New Britain, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.

B. ROTARY FORCE PUMPS.
American Fire Engine Co., Seneca Falls, N. Y.
Deming Co., Salem, O.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Great Western Mfg. Co., Leavenworth, Kan.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Hayes Pump & Planter Co., Galva, Ill.
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
P. H. & F. M. Roots Co., Connersville, Ind.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

C. STEAM FORCE PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
A. S. Cameron Steam Pump Wks., Ft. E. 23d St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Delamater Iron Works, 22 Cortlandt St., New York.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

D. WOODEN FORCE PUMPS.
Charles G. Blatchley, S. Swanson & McKean Sts., Phila., Pa.
S. E. Crawford, Norwalk, O.

1645. FOUNTAIN PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Josiah A. Whitman, Providence, R. I.

1646. GALVANIZED PUMPS.
F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.

1647. GARDEN ENGINES & PUMPS.
Deming Co., Salem, O.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Union Mfg. Co., New Britain, Conn.

A. GARDEN SPRINKLING PUMPS.
American Fire Engine Co., Seneca Falls, N. Y.
S. H. Brooks, Randolph, Vt.
Goulds Mfg. Co., Seneca Falls, N. Y.
Rumsey Pump & Machine Co., 35 Dey St., New York.

B. LAWN FORCE PUMPS.
U. S. Wind Engine & Pump Co., Batavia, Ill.

C. ORCHARD FORCE PUMPS.
Field Force Pump Co., Lockport, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

D. ORCHARD SPRAY PUMPS.
Berger Mfg. Co., Canton, O.
Flint & Walling Mfg. Co., Kendallville, Ind.
Hess, Snyder & Co., Massillon, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

E. PORTABLE SPRINKLING PUMPS.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Josiah A. Whitman, Providence, R. I.

F. SPRAY PUMPS.
Barnes Mfg. Co., Mansfield, O.
Columbiana Pump & Machine Co., Columbiana, O.
Field Force Pump Co., Lockport, N. Y.
F. E. Kohler & Co., Canton, O.
Thos. Peppler, Highstown, N. J.
Red Jacket Mfg. Co., Davenport, Iowa.

1648. GAS ENGINE PUMPS.
Goulds Mfg. Co., Seneca Falls, N. Y.

1649. GAS PUMPS.
P. H. & F. M. Roots & Co., Connersville, Ind.

A. GAS-BELL PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Cambridge, Mass.

B. GAS DRIP PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Cambridge, Mass.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

C. GAS-MAIN FORCING PUMPS.
Henry Steeger, 143 E. 31st St., New York.

D. GAS PROVING PUMPS.
Ashcroft Mfg. Co., 111 Liberty St., New York.

E. GAS WORKS PUMPS.
Geo. F. Blake Mfg. Co., Cambridge, Mass.

Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.

F. SERVICE CLEANER PUMPS. Geo. F. Blake Mfg. Co., Cambridge, Mass.

1650. GRAVITY PUMPS. A. A. Griffing Iron Co., 66 Centre St., New York.

1651. GREENHOUSE FORCE PUMPS.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

1652. HAM PUMPS.
Deming Co., Salem, O.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Silver Mfg. Co., Salem, O.

1653. HAND PUMPS.
Althouse-Wheeler Co., Waupun, Wis.
F. C. Austin Mfg. Co., Harvey, Ill.
Avery Planter & Co., Peoria, Ill.
Ball, Mitchel & Co., Maysville, Ky.
B. F. Biggs Pump Co., Lafayette, Ind.
Bushnell Pump Co., Bushnell, Ill.
Cardwell Machine Co., Richmond, Va.
Clark Bros., Belmont, N. Y.
Columbiana Pump & Machine Co., Columbiana, O.
Comstock & Coonse Co., Indianapolis, Ind.
S. E. Crawford, Norwalk, O.
W. & B. Douglas, Middletown, Conn.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Flint & Walling Mfg. Co., Kendallville, Ind.
Hess, Snyder & Co., Massillon, O.
Robert Hoes, Malden Bridge, N. Y.
Humphryes' Mfg. Co., Mansfield, O.
Mast, Foos & Co., Springfield, O.
Red Jacket Mfg. Co., Davenport, Iowa.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
St. Joseph Pump & Mfg. Co., St. Joseph, Mo.
Thomas Mfg. Co., Springfield, O.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Sydney Wilder & Co., Holliston, Mass.
Woodmanse & Hewitt Mfg. Co., Freeport, Ill.

A. BRASS PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Baker Mfg. Co., Evansville, Wis.
Boyts, Porter & Co., Connellsville, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Haydenville Mfg. Co., Haydenville, Mass.
Humphryes' Mfg. Co., Mansfield, O.
Illinois Malleable Iron Co., W. Monroe St., Chicago, Ill.
Morris Machine Works, Baldwinsville, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Alfred B. Sands & Son, 134 Beekman St., New York.
Union Mfg. Co., New Britain, Conn.
F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

B. COPPER PUMPS.
Thomas Phillips Co., Providence, R. I.
Juan G. Ribon, 1st & Provost Sts., Jersey City, N. J.
Union Mfg. Co., New Britain, Conn.
F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.

C. IRON PUMPS.
Baker Mfg. Co., Evansville, Wis.
Champion Iron Co., Kenton, O.
Columbiana Pump & Machine Co., Columbiana, O.
Dempster Mill Mfg. Co., Beatrice, Neb.
Duplex Mfg. Co., South Superior, Wis.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Hersey Mfg. Co., South Boston, Mass.
Humphryes' Mfg. Co., Mansfield, O.
Morris Machine Works, Baldwinsville, N. Y.
C. H. Presbrey & Co., Sterling, Ill.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
Thomas Mfg. Co., Springfield, O.
Trahern Pump Co., Rockford, Ill.
Union Mfg. Co., New Britain, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.

D. PORCELAIN LINED PUMPS. W. & B. Douglas, Middletown, Conn.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Morris Machine Works, Baldwinsville, N. Y.

E. WOODEN PUMPS.

U. S. Wind Engine & Pump Co., Batavia, Ill.
B. F. Biggs Pump Co., Lafayette, Ind.
C. L. Blatchley, S. Swanson & McKean Sts., Phila., Pa.
Bradley, Clark & Co., Inc., Minneapolis, Minn.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Cole Bros., Green Castle, Ind.
Decatur Lumber & Mfg. Co., Decatur, Ill.
Dempster Mill Mfg. Co., Beatrice, Neb.
Harris & Cole Bros., Cedar Falls, Iowa.
Howard & Jennings, Syracuse, N. Y.
I. X. L. & Goshen Pump Co., Goshen, Ind.
A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
Moline Pump Co., Moline, Ill.
N. O. Nelson Mfg. Co., 8th & St. Charles Sts., St. Louis, Mo.
Ohio Box & Mfg. Co., Middletown, O.
St. L. Wood Pump & Pipe Co., 2115 S. 2d St., St. Louis, Mo.
Temple Pump Co., 17 W. 15th St., Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
E. W. Walker & Stutz Co., Goshen, Ind.
Winship Mfg. Co., Racine, Wis.
G. R. Wood's Sons, Sheffield, Pa.

1654. HIGH PRESSURE PUMPS.

Battle Creek Steam Pump Co., Battle Creek, Mich.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Trevor Mfg. Co., Lockport, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1655. HORSE POWER PUMPING JACKS.

F. F. Collins Mfg. Co., San Antonio, Tex.
Deming Co., Salem, O.
Flint & Walling Mfg. Co., Kendallville, Ind.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Lehr Agricultural Co., Fremont, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

1656. HORSE POWER PUMPS.

W. & B. Douglas, Middletown, Conn.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.

1657. HOTEL PUMPS.

F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.

1658. HYDRAULIC PRESSURE PUMPS.

Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Cardwell Machine Co., Richmond, Va.
Epping-Carpenter Co., Pittsburg, Pa.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Hill Machine Co., Anderson, Ind.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1659. HYDRAULIC PUMPS.

Allentown Foundry & Machine Works, Allentown, Pa.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Blakeslee Mfg. Co., Du Quoin, Ill.
Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
Cardwell Machine Co., Richmond, Va.
Cleveland Machine Works, Worcester, Mass.
Deane Steam Pump Co., Holyoke, Mass.
Dickson Mfg. Co., Scranton, Pa.
Granger Foundry & Machine Co., Providence, R. I.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lowell Machine Shop, Lowell, Mass.
John H. McGowan Co., 58 Central Av., Cincinnati, O.

Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Smith Sons Gin & Machine Co., Birmingham, Ala.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Walker Co., Cleveland, O.
Watson-Stillman Co., 210 E. 43d St., New York.
Worthington Pumping Eng. Co., 120 Liberty St., N. York.

1660. HYDRAULIC RAMS.
Columbiana Pump & Machine Co., Columbiana, O.
Deming Co., Salem, O.
Dickson Mfg. Co., Scranton, Pa.
W. & B. Douglas, Middletown, Conn.
Allen Gawthrop, Jr., Wilmington, Del.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Humphryes' Mfg. Co., Mansfield, O.
Chas. Millar & Son, Utica, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Union Mfg. Co., New Britain, Conn.
Watson-Stillman Co., 210 E. 43d St., New York.

1661. HYDROSTATIC PRESS PUMPS.
Watson-Stillman Co., 210 E. 43d St., New York.

1662. ICE MANUFACTURING PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Morris Machine Works, Baldwinsville, N. Y.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1663. INJECTORS.
American Injector Co., Detroit, Mich.
H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
Chaplin-Fulton Mfg. Co., Inc., 91 1st St., Pittsburg, Pa.
Detroit Lubricator Co., Detroit, Mich.
Fairbanks Co., 311 Broadway, New York.
Frank Fowler, Louisville, Ky.
Garfield Injector Co., Wadsworth, O.
Hancock Inspirator Co., Boston, Mass.
G. H. Little, Peabody, Mass.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Lunkenheimer Co., 213-219 E. 8th St., Cincinnati, O.
Nathan Mfg. Co., 92 Liberty St., New York.
National Tube Works, 70 Federal St., Boston, Mass.
Penberthy Injector Co., Detroit, Mich.
Rue Mfg. Co., 215 Race St., Philadelphia, Pa.
Schäffer & Budenberg, 25 Bedford St., Brooklyn, N. Y.
L. Schutte & Co., 1251 N. 12th St., Philadelphia, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
Sherwood Mfg. Co., Buffalo, N. Y.
Roe Stephens Mfg. Co., Detroit, Mich.

A. AUTOMATIC INJECTORS.
Hayden & Derby Mfg. Co., 111 Liberty St., New York.
Lee Injector Mfg. Co., 103 Abbott St., Detroit, Mich. *5

B. BOILER OIL INJECTORS.
Lunkenheimer Co., 213-219 E. 8th St., Cincinnati, O.
Michigan Lubricator Co., 671 Beaubien St., Detroit, Mich.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

C. EXHAUST STEAM INJECTORS.
Geo. F. Motter & Sons, Princess St., York, Pa.

D. INSPIRATORS.
Hancock Inspirator Co., 51 Oliver St., Boston, Mass.

E. KEROSENE OIL INJECTORS.
Detroit Lubricator Co., Detroit, Mich.

1664. IRRIGATING MACHINERY.
Bucyrus Co., South Milwaukee, Wis.
Joseph Edwards & Co., 412 Water St., New York.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

A. IRRIGATING PUMPS.
F. C. Austin Mfg. Co., Harvey, Ill.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Blakeslee Mfg. Co., Du Quoin, Ill.
Deane Steam Pump Co., Holyoke, Mass.
Joseph Edwards & Co., 412 Water St., New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Great Western Mfg. Co., Leavenworth, Kan.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
Morris Machine Works, Baldwinsville, N. Y.
Jas. G. Pulling & Co., Columbus, O.
St. Joseph Pump Co., St. Joseph, Mo.

San Francisco Tool Wks., Stevenson St., San Francisco, Cal.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
U. S. Wind Engine & Pump Co., Batavia, Ill.
Irvin Van Wie, 723 W. Fayette St., Syracuse, N. Y.
F. C. Wells Steam Pump Co., 116 S. Clinton St., Chicago, Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1665. JET PUMPS.
Blakeslee Mfg. Co., Du Quoin, Ill.

1666. LARD PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Hersey Mfg. Co., South Boston, Mass.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1667. LIFT PUMPS.
Novelty Iron Works, Sterling, Ill.

1668. LOCOMOTIVE PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Knowles Steam Pump Works, Warren, Mass.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.

1669. LOW PRESSURE PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Hall Steam Pump Co., Allegheny, Pa.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
U. S. Wind Engine & Pump Co., Batavia, Ill.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1670. MARINE PUMPS.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Blakeslee Mfg. Co., Du Quoin, Ill.
Deane Steam Pump Co., Holyoke, Mass.
Edson Mfg. Co., 132 Commercial St., Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Albert Russell & Sons, Newburyport, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

A. BILGE PUMPS.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Blakeslee Mfg. Co., Du Quoin, Ill.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Edson Mfg. Co., Boston, Mass.
Gleason & Bailey Mfg. Co., 20 W. Houston, St., New York.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Alfred B. Sands & Son, 134 Beekman St., New York.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

B. BOAT PUMPS.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Samuel Benson's Sons, Allegheny City, Pa.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Edson Mfg. Co., Boston, Mass.
X. Stoutenborough, 277 Pearl St., New York.

C. SHIP PUMPS.
Boston & Lockport Block Co., 142 Com'l St., Boston, Mass.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Edson Mfg. Co., Boston, Mass.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1671. MEASURING PUMPS.
F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.

1672. MINING PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.

Blakeslee Mfg. Co., Du Quoin, Ill.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
A. S. Cameron Steam Pump Wks., Ft. E. 23d St., New York.
Crawford & McCrimmon, Brazil, Ind.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Flint & Walling Mfg. Co., Kendallville, Ind.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Gould & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
Mecklenburg Iron Works, Charlotte, N. C.
Morris County Machine & Iron Co., Dover, N. J.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

A. CORNISH PUMPS.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y.
Griffith & Wedge Co., Zanesville, O.
Morris County Machine & Iron Co., Dover, N. J.
Juan G. Ribon, Jersey City, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. SINKING PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Hall Steam Pump Co., Allegheny, Pa.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1673. MOLASSES PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Hersey Mfg. Co., South Boston, Mass.
Jas. G. Pulling & Co., Columbus, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

1674. OIL LINE PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1675. OIL PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Blakeslee Mfg. Co., Du Quoin, Ill.
Darling Pump Mfg. Co., Ltd., Williamsport, Pa.
Deane Steam Pump Co., Holyoke, Mass.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Wm. Powell Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Sherwood Mfg. Co., Buffalo, N. Y.
Anthony Wayne Mfg. Co., Fort Wayne, Ind.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.
R. G. Wright & Co., Buffalo, N. Y.

1676. OIL REFINERY PUMPS.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1677. OIL TANK PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1678. PAINTERS' OIL PUMPS.
Reilley Bros., 322 W. 41st St., New York.

1679. PAPER MILL PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Deane Steam Pump Co., Holyoke, Mass.
Joseph Edwards & Co., 412 Water St., New York.
Morris Machine Works, Baldwinsville, N. Y.
Smith & Winchester Co., South Windham, Conn.

1680. PHOSPHATE DREDGING PUMPS.
Morris Machine Works, Baldwinsville, N. Y.

1681. PITCHER PUMPS.
Barnes Mfg. Co., Mansfield, O.
Deming Co., Salem, O.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

1682. PLANTATION PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Guild & Garrison, Kent Ave., c. S. 10th St., Brooklyn, N. Y.
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
U. S. Wind Engine & Pump Co., Batavia, Ill.

1683. PLUMBERS' PUMPS.
Deming Co., Salem, O.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Peck Bros. & Co., New Haven, Conn.
Jas. G. Pulling & Co., Columbus, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Union Mfg. Co., New Britain Conn.

1684. POWER PUMPS.
American Fire Engine Co., Seneca Falls, N. Y.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Isaac B. Davis & Son, Hartford, Conn.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Flint & Walling Mfg. Co., Kendallville, Ind.
Goulds Mfg. Co., Seneca Falls, N. Y.
Great Western Mfg. Co., Leavenworth, Kan.
Hall Steam Pump Co., Pittsburg, Pa.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Hersey Mfg. Co., South Boston, Mass.
Hill Machine Co., Anderson, Ind.
Holly Mfg. Co., Lockport, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Larzeler Machine Co., Williamsport, Pa.
C. O. Lucas & Co., Greenville, O.
George F. Motter & Sons, York, Pa.
Jas. G. Pulling & Co., Columbus, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Union Mfg. Co., New Britain, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Worthington Pumping Engine Co., Liberty St., New York.

1685. PRESSURE PUMPS.
Trevor Mfg. Co., Lockport, N. Y.

1686. PULP MILL PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Morris Machine Works, Baldwinsville, N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Trevor Mfg. Co., Lockport, N. Y.

1687. PUMPING ENGINES.
Edward P. Allis Co., Milwaukee, Wis.
Barnes Mfg. Co., Mansfield, O.
Barr Pumping Engine Co., 30 N. 7th St., Phila., Pa.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Robt. Deeley & Co., 507 W. 32d St., New York.
Dickson Mfg. Co., Scranton, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Holly Mfg. Co., Lockport, N. Y.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

Vulcan Iron Works, Wilkes-Barre, Pa.
F. C. Wells Steam Pump Wks., S. Clinton St., Chicago, Ill.
Wetherill & Co., Chester, Pa.
Worthington Pumping Engine Co., Liberty St., New York.
Wright Steam Engine Works, Newburgh, N. Y.

A. DOMESTIC PUMPING ENGINES.
Robt. Deeley & Co., 507 W. 32d St., New York.

B. GASOLINE PUMPING ENGINES.
Novelty Iron Works, Dubuque, Iowa.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.

C. HIGH DUTY PUMPING ENGINES.
Edward P. Allis Co., Milwaukee, Wis.
Holly Mfg. Co., Lockport, N. Y.

D. HOT AIR PUMPING ENGINES.
Robt. Deeley & Co., 507 W. 32d St., New York.
Delamater Iron Works, 22 Cortlandt St., New York.

1688. PUMPING MACHINERY.

Edward P. Allis Co., Milwaukee, Wis.
American Well Works, Aurora, Ill.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Deane Steam Pump Co., Holyoke, Mass.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Fraser & Chalmers, Union & Fulton Sts., Chicago. Ill.
Guild & Garrison, Kent Ave., c. S. 10th St., Brooklyn, N. Y.
Jeansville Iron Works Co., Jeansville, Pa. *7
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Morris Machine Works, Baldwinsville, N. Y.
Jas. G. Pulling & Co., Columbus, O.
San Francisco Tool Works, San Francisco, Cal.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster, Camp & Lane Machine Co., Akron, O.
F. C. Wells' Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Wilson, Snyder Mfg. Co., Pittsburg, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

A. COMPRESSED AIR PUMPING MACHINERY.
American Well Works, Aurora, Ill.

B. GASOLINE PUMPING OUTFITS.
Frontier Iron Works, Detroit, Mich.

C. WATER WORKS FILTERS.
Cumberland Mfg. Co., Boston, Mass.
O. H. Jewell Filter Co., 40 W. Quincy St., Chicago, Ill.
Loomis-Manning Filter Co., 402 Chestnut St., Phila., Pa.

D. WATER WORKS PUMPING MACHINERY.
Allentown Foundry & Machine Works, Allentown, Pa.
Edward P. Allis Co., Milwaukee, Wis.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Geo. F. Blake Mfg. Co., Boston, Mass.
Cardwell Machine Co., Richmond, Va.
Deane Steam Pump Co., Holyoke, Mass.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Guild & Garrison, Kent Ave. c. S. 10th St., Brooklyn, N. Y.
Holly Mfg. Co., Lockport, N. Y.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
St. Louis Iron & Machine Co., St. Louis, Mo.
San Francisco Tool Works, San Francisco, Cal.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
William Tod & Co., Youngstown, O.
F. C. Wells Steam Pump Co., 116 S. Clinton St., Chicago, Ill.
Worthington Pumping Engine Co., Liberty St., New York.

E. WINE PUMPING MACHINERY.
Allentown Foundry & Machine Works, Allentown, Pa.
Edward P. Allis Co., Milwaukee, Wis.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Boyts, Porter & Co., Connellsville, Pa.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
A. S. Cameron Steam Pump Wks., Ft. E. 23d St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Fraser & Chalmers, Fulton & Union Sts., Chicago, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y.
Goyne Steam Pump Works, Ashland, Pa.
Great Western Mfg. Co., Leavenworth, Kan.

	Jeansville Iron Works Co., Jeansville, Pa. *7
	Laidlaw-Dunn-Gordon Co., Cincinnati, O.
	Snow Steam Pump Works, Buffalo, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Vulcan Iron Works, Wilkes-Barre, Pa.
	Worthington Pumping Eng. Co., 120 Liberty St., New York.
1689. PUMP PARTS.	Dean Steam Pump Co., Holyoke, Mass.
	Novelty Iron Works, Sterling, Ill.
A. CHAIN PUMP FIXTURES.	Jas. L. Haven Co., Cincinnati, O.
	Novelty Iron Works, Sterling, Ill.
	Rumsey & Co., Ltd., Seneca Falls, N. Y.
	Taylor & Boggis Foundry Co., Cleveland, O.
B. COPPER VESSELS.	Andrew Jochum, 148 E. 50th St., New York.
	Springfield Brass Co., Springfield, Mass.
	John Trageser Steam Copper Wks., W. 26th St., New York.
C. DEEP WELL PUMP POWER HEADS.	Irvin Van Wie, Syracuse, N. Y.
D. FOOT VALVES & STRAINERS.	Belleville Pump & Skein Works, Belleville, Ill.
	Eaton, Cole & Burnham Co., 253 Broadway, New York.
	Ludlow Valve Mfg. Co., Troy, N. Y.
	Rumsey & Co., Ltd., Seneca Falls, N. Y.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
	Worthington Pumping Engine Co., Liberty St., New York.
E. IRON PUMP SPOUTS.	Hurlburt Co., Racine, Wis.
	Novelty Iron Works, Sterling, Ill.
	Taylor & Boggis Foundry Co., Cleveland, O.
F. LEATHER PUMP BOXES.	I. G. Marston & Co., Boston, Mass.
G. PUMP CHAMBERS.	Dickson Mfg. Co., Scranton, Pa.
	P. P. Emory Mfg. Co., Springfield, Mass.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
H. PUMP COLUMNS.	American Tube & Iron Co., Middletown, Pa.
I. PUMP CUPS.	Leather & Brass Co., Seneca Falls, N. Y.
J. PUMP CYLINDERS.	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
	Dempster Mill Mfg. Co., Beatrice, Neb.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	Hill Machine Co., Anderson, Ind.
	A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
	Novelty Iron Works, Sterling, Ill.
	Red Jacket Mfg. Co., Davenport, Iowa.
	Rumsey & Co., Ltd., Seneca Falls, N. Y.
	Sandwich Mfg. Co., Sandwich, Ill.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
	Woodmanse & Hewitt Mfg. Co., Freeport, Ill.
	Worthington Pumping Eng. Co., 120 Liberty St., New York.
K. PUMP CYLINDERS, ENAMELLED.	Novelty Iron Works, Sterling, Ill.
	C. H. Presbrey & Co., Sterling, Ill.
L. PUMP HANDLE PLATES.	Novelty Iron Works, Sterling, Ill.
M. PUMP LEATHERS.	Leather & Brass Mfg. Co., Seneca Falls, N. Y.
	Geo. Rahmann & Co., 31 Ferry St., New York.
	Raymond Mfg. Co., Ltd., Corry, Pa.
N. PUMP PINS.	Illinois Malleable Iron Co., 32 W. Monroe St., Chicago, Ill.
O. PUMP PLUNGERS.	Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
	Piqua Handle & Mfg. Co., Piqua, O.
P. PUMP ROD COUPLINGS.	Illinois Malleable Iron Co., 32 W. Monroe St., Chicago, Ill.
Q. PUMP ROD KNUCKLES.	Novelty Iron Works, Sterling, Ill.
R. PUMP RODS.	Dickson Mfg. Co., Scranton, Pa.
	Phosphor Bronze Smelt. Co., Ltd., 2200 Wash. Av., Phil., Pa.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
S. PUMP VALVE RUBBERS.	Jenkins Bros., 71 John St., New York.
T. RUBBER BUCKETS FOR CHAIN PUMPS.	H. O. Canfield, Bridgeport, Conn.
	Olmsted & Co., 100 N. Clinton St., Chicago, Ill.
	Temple Pump Co., 17 W. 15th Pl., Chicago, Ill.
U. STEAM PUMP LININGS.	J. B. Chapman & Co., Springfield, Mass.
V. SUCKER-ROD JOINTS.	Railway Speed & Recorder Co., Kent, O.
W. SUCKER RODS.	Coss & Stinebaugh, Lima, O.
	Oil Well Supply Co., Pittsburg, Pa.
	Pierce Well Engin. & Supply Co., 123 Liberty St., N. York.
	Shannon & Wilson, Corry, Pa.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
X. WIND PUMP ROD SPRINGS.	Algis Mfg. Co., Marshalltown, Iowa.
Y. WOOD PUMP IRON TRIMMINGS.	Novelty Iron Works, Sterling, Ill.
	C. H. Presbrey & Co., Sterling, Ill.
1690. QUARRY PUMPS.	Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
	Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
	Blakeslee Mfg. Co., Du Quoin, Ill.
	Deane Steam Pump Co., Holyoke, Mass.

Deming Co., Salem, O.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
U. S. Wind Engine & Pump Co., Batavia, Ill.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.

1691. RAILWAY PUMPS. Crosby Steam Gage & Valve Co., Oliv. St., Boston, Mass. *6

1692. ROTARY PUMPS. American Fire Engine Co., Seneca Falls, N. Y.
Barnes Mfg. Co., Mansfield, O.
Connersville Blower Co., Connersville, Ind.
Deming Co., Salem, O.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Fales & Jenks Machine Co., Pawtucket, R. I.
Flint & Walling Mfg. Co., Kendallville, Ind.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Great Western Mfg. Co., Leavenworth, Kan.
Hersey Mfg. Co., South Boston, Mass.
E. D. Jones & Sons Co., Pittsfield, Mass.
McNab & Harlin Mfg. Co., Paterson, N. J.
P. H. & F. M. Roots Co., Connersville, Ind.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Taber Pump Co., Buffalo, N. Y.
Union Mfg. Co., New Britain, Conn.
Wilbraham-Baker Blower Co., 2518 Frankford Av., Phil., Pa.

A. PROPELLER PUMPS. Thomas Shaw, 915 Ridge Av., Philadelphia, Pa.

1693. RUBBER DIAPHRAGM PUMPS.
Boston & Lockport Block Co., Boston, Mass.

1694. SALT WATER PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1695. SAND PUMPS. Frenier & Le Blanc, Rutland, Vt.
Morris Machine Works, Baldwinsville, N. Y.

1696. SEWERAGE PUMPS. Edward P. Allis Co., Milwaukee, Wis.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Deming Co., Salem, O.
Joseph Edwards & Co., 412 Water St., New York.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
Jas. G. Pulling & Co., Columbus, O.
Albert Russell & Sons, Newburyport, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1697. SHIP BALLAST PUMPS.
Morris Machine Works, Baldwinsville, N. Y.

1698. SIPHON PUMPS. Chaplin-Fulton Mfg. Co., Inc., Pittsburg, Pa.
Frank Fowler, Louisville, Ky.
Nason Mfg. Co., 71 Beekman St., New York.

1699. SIZE PUMPS. Holyoke Machine Co., Holyoke, Mass.

1700. SLIMES & TAILINGS PUMPS.
Frenier & Le Blanc, Rutland, Vt.

1701. SOAP PUMPS. Deane Steam Pump Co., Holyoke, Mass.
Hersey Mfg. Co., South Boston, Mass.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.

1702. SPECIAL PUMPS. Jeanesville Iron Works Co., Jeanesville, Pa. *7

1703. STEAM PUMP ACCESSORIES.

A. PUMP GAUGES. American Steam Gauge Co., Boston, Mass.

B. PUMP GOVERNORS. Albany Steam Trap Co., Albany, N. Y.
G. M. Davis & Co., 100 N. Clinton St., Chicago, Ill.
Deane Steam Pump Co., Holyoke, Mass.
D'Esté & Seeley Co., Boston, Mass.
Fisher Governor Co., Marshalltown, Iowa.
Foster Engineering Co., 21 Prospect St., Newark, N. J.
Gardner Governor Co., Quincy, Ill.
Kitts Mfg. Co., Oswego, N. Y.
Knowles Steam Pump Works, Warren, Mass.

Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Locke Regulator Co., Salem, Mass.
Mason Regulator Co., Boston, Mass.
George I. Roberts & Bros., 471 Fourth Ave., New York.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

C. PUMP REGULATORS.

John Davis Co., 69 Michigan St., Chicago, Ill.
Deane Steam Pump Co., Holyoke, Mass.
D'Esté & Seeley Co., 19 Haverhill St., Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Mason Regulator Co., 6 Oliver St., Boston, Mass.
Valley Iron Works, Williamsport, Pa.

D. PUMP STROKE COUNTERS.

Union Water Meter Co., Worcester, Mass.

1704. STEAM PUMPS.

Albany Steam Trap Co., Albany, N. Y.
F. C. Austin Mfg. Co., Harvey, Ill.
Barr Pumping Eng. Co., 30 N. 7th St., Philadelphia, Pa.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Black & Clawson Co., Hamilton, O.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Blakeslee Mfg. Co., Du Quoin, Ill.
G. H. Bushnell Press Co., Thompsonville, Conn.
A. S. Cameron Steam Pump Wks., Ft. E. 23d St., New York.
Castree & Shaw Co., Owosso, Mich.
Clayton Air Compressor Wks., 26 Cortlandt St., New York.
H. Dudley Coleman, New Orleans, La.
M. T. Davidson, 133 Liberty St., New York.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Robert Deeley & Co., 507 W. 32d St., New York.
Joseph Edwards & Co., 412 Water St., New York.
Epping-Carpenter Co., Pittsburg, Pa.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Filer & Stowell Co., Ltd., Milwaukee Wis. *8
Franklin Iron Works, Port Carbon, Pa.
Geo. J. Fritz, St. Louis, Mo.
Gardner Governor Co., Quincy, Ill.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Globe Iron Works Co., Cleveland, O.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Hall Steam Pump Co., Pittsburg, Pa.
Hill Machine Co., Anderson, Ind.
Holly Mfg. Co., Lockport, N. Y.
Hooker Steam Pump Works, St. Louis, Mo.
Wm. Kehoe & Co., Savannah, Ga.
Knowles & Kelly, Troy, N. Y.
Knowles Steam Pump Works, Warren, Mass.
Krajewski, Pesant & Co., 32 Broadway, New York. *18
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Mansfield Machine Works, Mansfield, O.
J. Maslin & Son, Jersey City, N. J.
Mason Regulator Co., Boston, Mass.
John H. McGowan & Co., Cincinnati, O.
Geo. F. Motter & Sons, Princess St., York, Pa.
Murray Iron Works Co., Burlington, Iowa.
Wm. L. Oakes, Decatur, Ill.
Parke & Lacy Co., San Francisco, Cal.
James G. Pulling Co., Columbus, O.
Racine Hardware Co., Racine, Wis.
James Rees & Sons Co., Pittsburg, Pa.
George J. Roberts & Co., Dayton, O.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
St. Joseph Pump Co., St. Joseph, Mo.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
E. W. Vanduzen Co., Cincinnati, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
E. W. Walker & Stutz Co., Goshen, Ind.
Watertown Steam Engine Co., Watertown, N. Y.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Wilson, Snyder Mfg. Co., Pittsburg, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

A. COMPOUND STEAM PUMPS.

Deane Steam Pump Co., Holyoke, Mass.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

B. DUPLEX STEAM PUMPS.
Barr Pumping Engine Co., 30 N. 7th St., Phila., Pa.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Blakeslee Mfg. Co., Du Quoin, Ill.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Guild & Garrison, Kent Ave., c. S. 10th St., Brooklyn, N. Y.
Hall Steam Pump Co., Pittsburg, Pa.
Jeansville Iron Works Co., Jeansville, Pa. *7
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
S. D. Nevin, Lowville, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Vulcan Iron Works, Wilkes-Barre, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., New York

C. NAPHTHA PUMPS.
Battle Creek Steam Pump Co., Battle Creek. Mich.

D. OIL FUEL STEAM PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Racine Hardware Co., Racine, Wis.

E. PLUNGER PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stewart Heater Co., Buffalo, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.

F. VERTICAL STEAM PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Goulds Mfg. Co., Seneca Falls, N. Y.
Hall Steam Pump Co., Allegheny, Pa.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
John H. McGowan & Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1705. STREET WASHERS.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Flint & Walling Mfg. Co., Kendallville, Ind.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

1706. STUFF PUMPS.
Bagley & Sewall Co., Watertown, N. Y.
Black & Clawson Co., Hamilton, O.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Downington Mfg. Co., Ltd., East Downington, Pa.
Friction Pulley & Machine Works, Sandy Hill, N. Y.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
Smith & Winchester Co., South Windham, Conn.
Windsor Locks Machine Co., Windsor Locks, Conn.

1707. SUCTION PUMPS, HAND.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
Cardwell Machine Co., Richmond, Va.
A. D. Cook, Lawrenceburg, Ind.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Downington Mfg. Co., Ltd., East Downington, Pa.
Edson Mfg. Co., Boston, Mass.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Haydenville Co., Haydenville, Mass.
Hess, Snyder & Co., Massillon, O.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Mast, Foos & Co., Springfield, O.
Moline Pump Co., Moline, Ill.
F. E. Myers & Bro., Ashland, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Union Hardware Co., Torrington, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.

1708. SUGAR HOUSE PUMPS.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Boston, Mass.
Deane Steam Pump Co., Holyoke, Mass.
Robt. Deeley & Co., 507 W. 32d St., New York.
Guild & Garrison, Kent Ave., c. S. 10th St., Brooklyn, N. Y.
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1709. SYRUP PUMPS.
Deane Steam Pump Co., Holyoke, Mass.
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1710. TANK PUMPS.
Barnes Mfg. Co., Mansfield, O.
Barr Pumping Engine Co., 30 N. 7th St., Phila., Pa.
Geo. F. Blake Mfg. Co., Boston, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Andrew J. Corcoran, 11 John St., New York.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Flint & Walling Mfg. Co., Kendallville, Ind.
Hess, Snyder & Co., Massillon, O.
Hill Machine Co., Anderson, Ind.
R. R. Howell & Co., Minneapolis, Minn.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
Red Jacket Mfg. Co., Davenport, Iowa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
F W. Winter Co., Faribault, Minn.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1711. TANNERY PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Geo. F. Blake Mfg. Co., Boston, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Deane Steam Pump Co., Holyoke, Mass.
Edson Mfg. Co., Boston, Mass.
Joseph Edwards & Co., 412 Water St., New York.
Hersey Mfg. Co., South Boston, Mass.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1712. TEST PUMPS, HYDRAULIC.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Ashton Valve Co., Boston, Mass.
H Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Goulds Mfg. Co., Seneca Falls, N. Y.
R. R. Howell & Co., Minneapolis, Minn.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
Norwich Belt Mfg. Co., Norwich, Conn.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Thomas Shaw, 915 Ridge Av., Philadelphia, Pa.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1713. TIN PUMPS.
X. Stoutenborough, 277 Pearl St., New York.
F. Cortez Wilson & Co., 241 Lake St., Chicago, Ill.

1714. TRENCH PUMPS.
Edson Mfg. Co., Boston, Mass.

1715. TRIPLEX PUMPS.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
S. D. Nevin, Lowville, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Irvin Van Wie, Syracuse, N. Y.

1716. VACUUM PUMPS.
Edward P. Allis Co., Milwaukee, Wis.
Barr Pumping Engine Co., 30 N. 7th St., Philadelphia, Pa.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., Boston, Mass.
A. S. Cameron Steam Pump Wks., Ft. of E. 23d St. N. York.

Clark Novelty Co., Rochester, N. Y.
Clayton Air Compressor Works, 26 Cortlandt St., N. York.
Deane Steam Pump Co., Holyoke, Mass.
Robt. Deeley & Co., 507 W. 32d St., New York.
Deming Co., Salem, O.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.
Norman Hubbard, 93 Pearl St., Brooklyn, N. Y.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Jas. G. Pulling & Co., Columbus, O.
Sargent & Greenleaf Co., Rochester, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

1717. VAULT AND CESSPOOL PUMPS, ODORLESS.

Edson Mfg. Co., Boston, Mass.

1718. VINEGAR PUMPS.

Geo. F. Blake Mfg. Co., Boston, Mass.
Deane Steam Pump Co., Holyoke, Mass.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.

1719. WATER MOTOR PUMPS.

P. O. Benjamin Mfg. Co., Lafayette, Ind.
Hill Machine Co., Anderson, Ind.

1720. WELL PUMPS.

Althouse-Wheeler Co., Naupun, Wis.
F. F. Collins Mfg. Co., San Antonio, Tex.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Robt. Deeley & Co., 507 W. 32d St., New York.
Deming Co., Salem, O.
Field Force Pump Co., Lockport, N. Y.
Flint & Walling Mfg. Co., Kendallville, Ind.
Goulds Mfg. Co., Seneca Falls, N. Y.
Hess, Snyder & Co., Massillon, O.
R. R. Howell & Co., Minneapolis, Minn.
Kalamazoo Tubular Well Co., Kalamazoo, Mich.
A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
Pierce Well Engine & Sup. Co., 123 Liberty St., New York.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Union Mfg. Co., New Britain, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.

A. ARTESIAN WELL PUMPS.

American Well Works, Aurora, Ill.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
A. S. Cameron Steam Pump Wks., Ft. of E. 23d St., N. York.
A. D. Cook, Lawrenceburg, Ind.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Dean Bros. Steam Pump Co., Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
W. & B. Douglas, Middletown, Conn.
Hall Steam Pump Co., Pittsburg, Pa.
Jeanesville Iron Works Co., Jeanesville, Pa. *7
Keystone Driller Co., Beaver Falls, Pa.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Pierce Well Engine & Sup. Co., 123 Liberty St., New York.
James G. Pulling & Co., Columbus, O.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

B. DEEP WELL PUMPS.

Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Darling Pump & Mfg. Co., Williamsport, Pa.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Deane Steam Pump Co., Holyoke, Mass.
Deming Co., Salem, O.
Diamond Drill & Machine Co., Birdsboro, Pa.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Hess, Snyder & Co., Massillon, O.
Hill Machine Co., Anderson, Ind.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.

Pierce Well Engin. & Sup. Co., 123 Liberty St., New York.
James G. Pulling & Co., Columbus, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
U. S. Wind Engine & Pump Co., Batavia, Ill.
Irvin Van Wie, Syracuse, N. Y.

C. DRIVE WELL PUMPS.
W. & B. Douglas, Middletown, Conn.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Union Mfg. Co., New Britain, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.

D. WELL FORCE PUMPS.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
Deming Co., Salem, O.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.

1721. WIND MILL PUMPS.
American Well Works, Aurora, Ill.
Althouse-Wheeler Co., Waupun, Wis.
Barnes Mfg. Co., Mansfield, O.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Deane Pump Co., Holyoke, Mass.
Deming Co., Salem, O.
W. & B. Douglas, Middletown, Conn.
Elgin Wind Power & Pump Co., Elgin, Ill.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Hess, Snyder & Co., Massillon, O.
Krogh Mfg. Co., San Francisco, Cal.
A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
Moline Pump Co., Moline, Ill.
Perkins Wind Mill & Axe Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Red Jacket Mfg. Co., Davenport, Iowa.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
Union Mfg. Co., New Britain, Conn.
U. S. Wind Engine & Pump Co., Batavia, Ill.
E. B. Winger, 532 Kenwood Terrace, Chicago, Ill.
Woodin & Little, San Francisco, Cal.

1722. WRECKING PUMPS.
American Fire Engine Co., Seneca Falls, N. Y.
Baldwinsville Centrifugal Pump Works, Syracuse, N. Y.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Deane Steam Pump Co., Holyoke, Mass.
Joseph Edwards & Co., 412 Water St., New York.
Knowles Steam Pump Works, Warren, Mass.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
Morris Machine Works, Baldwinsville, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
F. C. Wells Steam Pump Wks., 116 S. Clinton St., Chic., Ill.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

TEXTILE.

1723. BALLING MACHINES.
Atlas Mfg. Co., Newark, N. J.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Draper Co., Hopedale, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

1724. BANDING MACHINES.
American Card Clothing Co., Worcester, Mass.
Cleveland Machine Works, Worcester, Mass.

A. EYE BANDING MACHINES.
William White & Co., Moline, Ill.

B. HAND BANDING ROLLS.
Whitcomb Mfg. Co., Worcester, Mass.

1725. BEAMERS.
American Card Clothing Co., Worcester, Mass.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Hughes & Russum, Hedge, n. Oxford, Frankford, Phila., Pa.
Paterson Machine Works, Paterson, N. J.

1726. BLACKING MACHINERY.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Granger Foundry & Machine Co., Providence, R. I.

Holyoke Machine Co., Holyoke, Mass.
Kitson Machine Co., Lowell, Mass.
Maryland Mfg. & Construction Co., Baltimore, Md.
Phoenix Iron Foundry, Providence, R. I.

1727. BOBBIN WINDERS.
W. W. Altemus & Son, 2816 N. 4th St., Philadelphia, Pa.
American Card Clothing Co., Worcester, Mass.
Cleveland Machine Works, Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.
Tomkins Bros., Troy, N. Y.

A. BOBBIN HOLDERS.
Draper Co., Hopedale, Mass.

1728. BRAIDING MACHINES.
J. & W. Lyall, 540 W. 23d St., New York.
New England Butt Co., Providence, R. I.
Rhode Island Braiding Machine Co., Providence, R. I.

1729. BRAID ROLLING MACHINES.
Rhode Island Braiding Machine Co., Providence, R. I.

1730. BUCKRAM MACHINERY.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.

1731. BURLING IRONS.
American Supply Co., Providence, R. I.
John Stortes & Son, 210 Vine St., Philadelphia, Pa.

1732. BURRING MACHINES.
Atlas Mfg. Co., Newark, N. J.
Curtis & Marble Machine Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Phila. Textiles Mach. Co., N. Hancock St., Phila., Pa.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.

1733. CARD GRINDING MACHINES.
James Barker, N. 2d and Somerset Sts., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Hardy Machine Co., Biddeford, Me.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
B. S. Roy, Worcester, Mass.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.

1734. CARDING MACHINERY.

A. CARD CLOTHING.
American Card Clothing Co., Providence, R. I.
Atlas Mfg. Co., Newark, N. J.
W. H. Bagshaw, Lowell, Mass.
Bisco & Denny, Manchester, N. H.
Wm. Crabb & Co., Newark, N. J.
Davis & Furber Machine Co., North Andover Depot, Mass.
Decker & Bonitz Co., Philadelphia, Pa.
T. K. Earle Mfg. Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Howard Bros. Mfg. Co., Worcester, Mass.
Kitson Machine Co., Lowell, Mass.
Lowell Card Co., Lowell, Mass.
J. & J. Murdock, Leicester, Mass.
James Smith & Co., 411 Race St., Phila., Pa.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
Stedman & Fuller Mfg. Co., Providence, R. I.
E. P. Stetson, Walpole, Mass.
E. C. Waite & Co., Leicester, Mass.
L. S. Watson Mfg. Co., Leicester, Mass.
H. A. White Mfg. Co., Leicester, Mass.
W. & J. Whittemore, Leicester, Mass.

B. CARDERS' TOOLS.
Wm. H. Brown, Worcester, Mass.
B. S. Roy, Worcester, Mass.

C. CARD FEED ROLLS.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.
Curtis & Marble Machine Co., Worcester, Mass.
Fall River Machine Co., Fall River, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
George S. Harwood & Son, Devonshire St., Boston, Mass.
D. R. Kenyon & Son, Raritan, N. J.
Phila. Textile Mach. Co., N. Hancock St., Phila., Pa.

D. CARD FEEDS.
Woonsocket Machine & Press Co., Woonsocket, R. I.

E. CARD SCREENS.
N. E. Ventilating & Heating Co., Providence, R. I.

F. CARD STRETCHERS.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

G. CARPET YARN CARDS.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

H. COTTON CARDS.
James H. Billington & Co., 113 Chestnut St., Phila., Pa.
Fall River Machine Co., Fall River, Mass.
Franklin Machine Co., Providence, R. I.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

Pevey Bros., Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
L. S. Watson Mfg. Co., Leicester, Mass.
Whitin Machine Co. Works, Whitinsville, Mass.

I. DOFFER COMB MOTIONS. James Barker, N. 2d & Somerset Sts., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

J. DOFFER COMBS. James Barker, N. 2d & Somerset Sts., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Phila. Textile Machinery Co., N. Hancock St., Phila., Pa.
Providence Machine Co., Providence, R. I.
James Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
Wright Wrench Co., Worcester, Mass.

K. FELT CARDS. Cleveland Machine Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

L. FOSS & PEVEY CARDS. Fall River Machine Co., Fall River, Mass.
Lowell Machine Shop, Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Pevey Bros., Lowell, Mass.

M. HAND CARDS. James Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
L. S. Watson Mfg. Co., Leicester, Mass.

N. HAT CARDS. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

O. PICKER FEED ROLLS. Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.

P. REVOLVING FLAT CARDS. Lowell Machine Shop, Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

Q. ROLL CARDS. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

R. SHODDY CARDS. Cleveland Machine Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

S. WOOL CARDS. American Card Clothing Co., Worcester, Mass.
Cleveland Machine Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
James Lees & Sons Co., Bridgeport, Pa.
Sargent & Co., New Haven, Conn.
James Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
L. S. Watson Mfg. Co., Leicester, Mass.

T. WORSTED CARDS. Cleveland Machine Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
James Lees & Sons Co., Bridgeport, Pa.

1735. CARPET MACHINERY. H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

A. CARPET ROLLING MACHINES. W. W. Altemus & Son, 2816 N. 4th St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.

1736. CHENILLE CUTTING MACHINES.
W. W. Altemus & Son, 2816 N. 4th St., Phila., Pa.

1737. CHINCHILLA MACHINES.
Cleveland Machine Works, Worcester, Mass.

1738. CLOTH PRESSES, ROTARY STEAM.
Curtis & Marble Machine Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

A. PRESS PLATES. Cleveland Machine Works, Worcester, Mass.

1739. CLOTH ROOM MACHINERY.

A. CLOTH BRUSHING MACHINES. Birmingham Iron Foundry, Birmingham, Conn.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Davis Sewing Machine Co., Dayton, O.
Parks & Woolson Machine Co., Springfield, Vt.
Ellis Thayer's Son, Pawtucket, R. I.

B. CLOTH CALENDERING MACHINES. H. W. Butterworth & Sons, 2415 E. York St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Lowell Machine Shop, Lowell, Mass.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.

C. CLOTH FOLDING MACHINES. Benj. Eastwood, Paterson, N. J.
Granger Foundry & Machine Co., Providence, R. I.
Lowell Machine Shop, Lowell, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

D. CLOTH INSPECTING MACHINES. Curtis & Marble Machine Co., Worcester, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

E. CLOTH MEASURING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Benj. Eastwood, Paterson, N. J.
Fabric Measuring & Pack. Co., 105 Hudson St., New York.
Parks & Woolson Machine Co., Springfield, Vt.
Pratt & Whitney Co., Hartford, Conn.

F. CLOTH POLISHING WHEELS.
Divine Bro., Utica, N. Y.

G. CLOTH ROLLING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.

H. CLOTH ROOM SEWING MACHINES.
Singer Mfg. Co., 149 Broadway, New York.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.

I. CLOTH WINDING MACHINES.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.

J. CUT MARKERS.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Draper Co., Hopedale, Mass.
Granger Foundry & Machine Co., Providence, R. I.

1740. CLOTH STRETCHERS.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Granger Foundry & Machine Co., Providence, R. I.
Holyoke Machine Co., Holyoke, Mass.
C. A. Luther & Co., Pawtucket, R. I.
Phoenix Iron Foundry, Providence, R. I.

A. TENTERING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Granger Foundry & Machine Co., Providence, R. I.
John Heathcote, Providence, R. I.
D. R. Kenyon & Son, Raritan, N. J.
I. E. Palmer, Middletown, Conn. *33
Phoenix Iron Foundry, Providence, R. I.

1741. COTTON ELEVATORS.
American Blower Co., Detroit, Mich.
Barbour Machine Works, Anniston, Ala.
Gullett Gin Co., Amite City, La.
Hersey Mfg. Co., South Boston, Mass.
Kingsland & Douglas Mfg. Co., N. 11th St., St. Louis, Mo.
B. F. Sturtevant Co., Boston, Mass.
Worthington, Munger, Pratt Co., Birmingham, Pa.

1742. COTTON MACHINERY.
Atherton Machine Co., Lowell, Mass.
Draper Machine Tool Co., Worcester, Mass.
Fales & Jenks Machine Co., Pawtucket, R. I.
Fairmount Machine Co., 22d & Wood Sts., Phila., Pa.
Fall River Machine Co., Fall River, Mass.
Kitson Machine Co., Lowell, Mass.
Lowell Machine Co., Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

A. AUTOMATIC RECEIVERS.
Mason Regulator Co., Boston, Mass.

B. COTTON COMBERS.
Mason Machine Works, Taunton, Mass.
Whitin Machine Works, Whitinsville, Mass.

C. COTTON LAP MACHINES.
Mason Machine Works, Taunton, Mass.

D. COTTON RAILWAY HEADS.
Mason Machine Works, Taunton, Mass.

E. COTTON ROLLS.
Granger Foundry & Machine Co., Providence, R. I.

F. COTTON ROVING CANS.
N. E. Ventilating & Heating Co., Providence, R. I.

1743. COTTON THREAD MACHINERY.
Atwood Machine Co., Stonington, Conn.

1744. CROCHETING MACHINERY.
Champion Machine Co., Diamond c. N. Amer. St., Phila., Pa.
Merrow Machine Co., Hartford, Conn.

A. BED BLANKET CROCHET MACHINES.
Merrow Machine Co., Hartford, Conn.

1745. DOBBIES.
Atwood-Morrison Co., Stonington, Conn.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Paterson Machine Works, Paterson, N. J.
John Royle & Sons, Paterson, N. J.

1746. DRAWING FRAMES, COTTON.
Fall River Machine Co., Fall River, Mass.
Franklin Machine Co., Providence, R. I.

Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

1747. DRAWING ROLLS, METALLIC.

Metallic Drawing Roll Co., Indian Orchard, Mass.

1748. DRESSERS.

A. COTTON DRESSERS.
Cleveland Machine Works, Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.

B. DRESSER REELS.
Cleveland Machine Works, Worcester, Mass.

C. THREAD DRESSERS.
C. A. Luther & Co., Pawtucket, R. I.

D. WARP DRESSERS.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.

E. WOOL DRESSERS.
American Card Clothing Co., Worcester, Mass.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

F. YARN DRESSERS.
Cleveland Machine Works, Worcester, Mass.
Franklin Machine Co., Providence, R. I.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
C. A. Luther & Co., Pawtucket, R. I.

1749. DRUM DOUBLERS.
Collins Bros., Central Falls, R. I.

1750. DRYING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Granger Foundry & Machine Co., Providence, R. I.
John Heathcote, Providence, R. I.
Holyoke Machine Co., Holyoke, Mass.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.

A. CARPET DRYERS.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.

B. CLOTH DRYERS.
Birmingham Iron Foundry, Birmingham, Conn.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
D. R. Kenyon & Son, Raritan, N. J.
Novelty Wood Works, Union City, Pa.

C. COTTON DRYERS.
Phila. Textile Machinery Co., N. Hancock St., Phila., Pa.
B. F. Sturtevant, Boston, Mass.

D. PADDING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Granger Foundry & Machine Co., Providence, R. I.

E. PIECE DRYING MACHINES.
A. Hopkins & Co., Bridgeton, R. I.

F. PRINT WORK DRYING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Thomas Phillips Co., Providence, R. I.
Providence Steam Engine Co., Providence, R. I.

G. UNDERWEAR DRYERS.
Phila. Textile Machinery Co., N. Hancock St., Phila., Pa.

H. WARP DRYING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
George P. Clark, Windsor, Conn.

I. WOOL DRYERS.
American Blower Co., Detroit, Mich.
Kitson Machine Co., Lowell, Mass.
Phila. Textile Machinery Co., N. Hancock St., Phila., Pa.
James Smith Woolen Machinery Co., 411 Race St., Phila., Pa.

J. YARN DRYERS.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Phila. Textile Machinery Co., N. Hancock St., Phila., Pa.

1751. DYEING MACHINERY.
Adams Laundry Machinery Co., Troy, N. Y.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Granger Foundry & Machine Co., Providence, R. I.
Holyoke Machine Co., Holyoke, Mass.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Phoenix Iron Foundry, Providence, R. I.
Watson Machine Co., Paterson, N. J.

A. BLUING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Phoenix Iron Foundry, Providence, R. I.

B. DYE BECKS.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Phoenix Iron Foundry, Providence, R. I.
Scannell & Wholey, Lowell, Mass.
Watson Machine Co., Paterson, N. J.

C. DYE TUBS.
A. Hopkins & Co., Bridgeton, R. I.

1752. EVENER MOTIONS.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

A. EVENER CONES.
Jackman Co., East Corinth, Vt.

1753. FELT MACHINERY.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.

A. FELT HARDENERS.
Farrel Foundry & Machine Co., Ansonia, Conn.

1754. FINISHING MACHINERY.

A. BLANKET FINISHING MACHINES.
Merrow Machine Co., Hartford, Conn.

B. CARPET FINISHING MACHINES.
Crompton & Knowles Loom Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.

C. CLOTH FINISHING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
I. E. Palmer, Middletown, Conn. *33
Parks & Woolson Machine Co., Springfield, Vt.

D. CLOTH STAMPING MACHINES.
Lowell Machine Shop, Lowell, Mass.

E. COTTON FINISHING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Granger Foundry & Machine Co., Providence, R. I.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Phoenix Iron Foundry, Providence. R. I.

F. SILK FINISHING MACHINES.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.

G. WOOL FINISHING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Granger Foundry & Machine Co., Providence, R. I.
Holyoke Machine Co., Holyoke, Mass.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.

H. WORSTED FINISHING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Granger Foundry & Machine Co., Providence, R. I.
Holyoke Machine Co., Holyoke, Mass.

1755. FISH LINE CARDING MACHINES.
R. I. Braiding Machine Co., Providence, R. I.

1756. FLAX MACHINERY.
Wm. Crabb & Co., Newark, N. J.
W. Eddy Plough Co., Greenwich, N. Y.

A. FLAX TOW PICKS.
Foster-Williams Mfg. Co., Racine, Wis.

1757. FLOCK CUTTERS.
Curtis & Marble Machine Co., Worcester, Mass.

1758. FLOCK RENOVATORS.
Curtis & Marble Machine Co., Worcester, Mass.

1759. FLY FRAMES, COTTON.
Fall River Machine Co., Fall River, Mass.
Lowell Machine Shop, Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

A. FLYERS.
B. Buckley's Son, Paterson, N. J.
A. Hopkins & Co., Bridgeton, R. I.
Providence Machine Co., Providence, R. I.
John A. V. Smith, Manchester, N. H.

B. INTERMEDIATES.
Lowell Machine Shop, Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

1760. FULLING MILLS.
American Card Clothing Co., Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
A. Hopkins & Co., Bridgeton, R. I.
Jas. Hunter Machine Co., North Adams, Mass.
D. R. Kenyon & Son, Raritan, N. J.
Olin Scott, Bennington, Vt.

1761. GARNETT MACHINES.
Phila. Textile Machinery Co., N. Hancock St., Phila., Pa.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.

1762. HACKLES.
Wm. Crabb & Co., Newark, N. J.

A. HACKLE PINS.
Wm. Crabb & Co., Newark, N. J.

1763. JACQUARD MACHINES.
Schaum & Uhlinger, Glenwood Av. & 2d St., Phila., Pa.

A. JACQUARD CARD CUTTING MACHINES.
John Royle & Sons, Paterson, N. J.

B. JACQUARD CARD REPEATERS.
John Royle & Sons, Straight & Essex Sts., Paterson, N. J.

C. JACQUARD CARD STITCHING MACHINES.
Singer Mfg. Co., 149 Broadway, New York.

D. JACQUARD LACERS.
John Royle & Sons, Straight & Essex Sts., Paterson, N. J.

1764. JIGGERS.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Duncan Mackenzie, Trenton, N. J.

1765. KNITTING MACHINE ACCESSORIES.

A. KNITTER EVENER CONES.	Jackman Co., East Corinth, Vt.
B. KNITTING MACHINE NEEDLES.	George H. Adams & Co., Hill, N. H. Branson Machine Co., 506 American St., Philadelphia, Pa. Wm. Breedon & Son, Amsterdam, N. Y. Chas. Cooper, Bennington, Vt. Wm. Corey Co., Manchester, N. H. Dodge Needle Co., Manchester, N. H. Excelsior Needle Co., Torrington, Conn. Loyal T. Ives, New Brunswick, N. J. Keystone Knitting Machine Co., 40 N. 7th St., Phila., Pa. National Automatic Knitter Co., 728 Cherry St., Phila., Pa. Podge Needle Co., Manchester, N. H. James B. Randall, Brattleboro', Vt.
C. LATCH NEEDLES.	Franklin Needle Co., Franklin, N. H. Lamb Mfg. Co., Chicopee Falls, Mass. Page Needle Co., Chicopee Falls, Mass. Podge Needle Co., Manchester, N. H.
D. MECHANICAL STOP MOTIONS.	Crawford Mfg. Co., New Brunswick, N. J.
E. NEEDLE CYLINDERS.	Branson Machine Co., 506 American St., Philadelphia, Pa. Lamb Mfg. Co., Chicopee Falls, Mass.

1766. KNITTING MACHINES.

	H. Brinton & Co., 213 Race St., Philadelphia, Pa. Campbell & Clute, Cohoes, N. Y. Champion Mach. Co., Diamond & N. Amer. Sts., Phila., Pa. Chas. Cooper, Bennington, Vt. Crane Mfg. Co., Lakeport, N. H. J. W. Hepworth & Co., Lehigh Av. & Mascher St., Phil., Pa. Household Sewing Machine Co., 9 E. 14th St., New York. Loyal T. Ives, New Brunswick, N. J. Lamb Mfg. Co., Chicopee Falls, Mass. Leighton Machine Co., Manchester, N. H. Mayo Knitting Machine & Needle Co., Franklin, N. H. Arthur Mueller, 760 Lexington Av., Brooklyn, N. Y. National Automatic Knitter Co., 728 Cherry St., Phila., Pa. Nye & Tredick, 606 Arch St., Philadelphia, Pa. Scott & Williams, Philadelphia, Pa. Stafford & Holt, Little Falls, N. Y. Trump Bros. Machine Co., Beech St., Wilmington, Del. A. Wrightson, 2000 N. 2d St., Philadelphia, Pa.
A. AUTOMATIC KNITTING MACHINES.	Branson Machine Co., 506 American St., Philadelphia, Pa. National Automatic Knitter Co., 724 Cherry St., Phila., Pa.
B. BOOT KNITTING MACHINES.	Branson Machine Co., 506 American St., Philadelphia, Pa.
C. CARDIGAN JACKET MACHINES.	Leighton Machine Co., Manchester, N. H.
D. CIRCULAR RIBBED HOSIERY MACHINERY.	Nye & Tredick, 606 Arch St., Philadelphia, Pa.
E. CORD KNITTERS.	Tiffany Bros., Bennington, Vt.
F. FAMILY KNITTING MACHINES.	Gearhart Knitting Machine Co., Clearfield, Pa.
G. HAND KNITTING MACHINES.	Branson Machine Co., 506 American St., Philadelphia, Pa.
H. RIBBED KNITTING MACHINES.	Branson Machine Co., 506 American St., Philadelphia, Pa. Mayo Knitting Machine & Needle Co., Franklin, N. H. Nye & Tredick, 606 Arch St., Philadelphia, Pa. Tiffany Bros., Bennington, Vt.
I. SEAMLESS HOSIERY MACHINERY.	E. Jenckes Mfg. Co., Pawtucket, R. I. Leighton Machine Co., Manchester, N. H.
J. SHIRT BORDER MACHINES.	Tiffany Bros., Bennington, Vt.
K. UNDERWEAR KNITTING MACHINES.	Nye & Tredick, 606 Arch St., Philadelphia, Pa. Tiffany Bros., Bennington, Vt. Tompkins Bros., Troy, N. Y.

1767. LAPPING MACHINES. Rhode Island Braiding Machine Co., Providence, R. I.

1768. LOOM PARTS.

	American Ring Traveler Co., Providence, R. I. Brown Bros. Co., Providence, R. I. Crompton & Knowles Loom Works, Worcester, Mass. Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa. Fall River Machine Co., Fall River, Mass. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa. Gilbert Loom Co., Worcester, Mass. J. & W. Lyall, 540 W. 23d St., New York.
A. AUTOMATIC LOOM CUT-OFFS.	Minneapolis Bedding Co., Minneapolis, Minn.

B. COMPASS BOARDS.
Crompton & Knowles Loom Works, Worcester, Mass.
James Jackson & Sons, Inc., Paterson, N. J.
John Royle & Sons., Paterson, N. J.
Schaum & Uhlinger, N. 2d St. & Glenwood Av., Phila., Pa.

C. DUCK LOOM BEAMS.
Robt. Poole & Son Co., Baltimore, Md.

D. FANCY LOOM ATTACHMENTS.
Atwood-Morris Co., Paterson, N. J.
Brown Bros. Co., Providence, R. I.
Crompton & Knowles Loom Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 244 Market St., Phila., Pa.
Gilbert Loom Co., Worcester, Mass.

E. FANCY LOOM PARTS.
Atwood-Morris Co., Paterson, N. J.
Crompton & Knowles Loom Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Gilbert Loom Co., Worcester, Mass.

F. LOOM ATTACHMENTS.
Atwood-Morris Co., Paterson, N. J.
Brown Bros. Co., Providence, R. I.
Crompton & Knowles Loom Works, Worcester, Mass.
Benj. Eastwood, Paterson, N. J.
M. A. Furbush & Son Machine Co., 224 Market St., Phil., Pa.

G. LOOM BEAM TRUCKS.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.

H. LOOM FORKS.
American Ring Traveler Co., Providence, R. I.
National Ring Traveler Co., Providence, R. I.

I. LOOM LINGOES.
I. A. Hall & Co., Paterson, N. J.

J. LOOM TEMPLES.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.

K. REPEATING MACHINES.
Crompton & Knowles Loom Works, Worcester, Mass.
John Royle & Sons, Paterson, N. J.
Schaum & Uhlinger, N. 2d St. & Glenwood Av., Phila., Pa.

L. SELVAGE MOTIONS.
Crompton & Knowles Loom Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Jas. A. McCormick & Co., Lawrence, Mass.

M. SEPARATORS.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.

N. SHUTTLE GUARDS.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

1769. LOOMS.
Robert Cleeland & Sons, 1101 Waverly St., Phila., Pa.
Crompton & Knowles Loom Works, Worcester, Mass.

A. AXMINSTER LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.

B. BAG LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.

C. BROAD LOOMS.
James Lees & Sons Co., Bridgeport, Pa.

D. CARPET LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Gilbert Loom Co., Worcester, Mass.
J. & W. Lyall, 540 W. 23d St., New York.
H. B. Smith Machine Co., Smithville, N. J.

E. CASSIMERE LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Gilbert Loom Co., Worcester, Mass.

F. COTTON DUCK LOOMS.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Robt. Poole & Son Co., Baltimore, Md.

G. COTTON LOOMS.
Brown, Reed & Heddle Co., Lowell, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Fall River Machine Co., Fall River, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Gilbert Loom Co., Worcester, Mass.
Hughes & Russum, Hedge St., Frankford, Phila., Pa.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Schaum & Uhlinger, N. 2d St. & Glenwood Ave., Phila., Pa.
H. B. Smith Mach. Co., Smithville. N. J.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

H. CURTAIN LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.

I. DRESS GOODS LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.

J. DUCK LOOMS.
Robt. Poole & Son Co., Baltimore, Md.

K. ELASTIC WEBBING LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.

L. FANCY LOOMS.
Crompton & Knowles Loom Works, Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

	Gilbert Loom Co., Worcester, Mass.
M. FELTING LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
N. FRINGE LOOMS.	Theo. Ehrenberg, 521 W. 45th St., New York.
	Geo. F. Kek, 343 W. 37th St., New York.
O. GINGHAM LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Draper Co., Hopedale, Mass.
	Fairmount Machine Co., 2106 Wood St., Phila., Pa.
	Gilbert Loom Co., Worcester, Mass.
P. GORING LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
Q. JACQUARD LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Benj. Eastwood, Paterson, N. J.
	Fairmount Machine Co., 2106 Wood St., Phila., Pa.
	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
	Thos. Halton's Sons, Phila., Pa.
	James Jackson & Sons, Inc., Paterson, N. J.
	John Royle & Sons, Inc., Paterson, N. J.
R. JEAN LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Fairmount Machine Co., 2106 Wood St., Phila., Pa.
	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
	Gilbert Loom Co., Worcester, Mass.
S. JUTE CARPET LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
T. PLUSH LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Gilbert Loom Co., Worcester, Mass.
U. RAG CARPET LOOMS.	A. C. Evans Mfg. Co., Springfield, O.
V. RIBBON LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Theodore Ehrenberg, 521 W. 45th St., New York.
	Gilbert Loom Co., Worcester, Mass.
	Mason Machine Works, Taunton, Mass.
	Schaum & Uhlinger, N. 2d St. and Glenwood Ave., Phila., Pa.
	Widmer Bros., Paterson, N. J.
W. RUG LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	A. C. Evans Mfg. Co., Springfield, O.
	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
X. SILK LOOMS.	Atwood-Morrison Co., Stonington, Conn.
	Crompton & Knowles Loom Works, Worcester, Mass.
	Benj. Eastwood, Paterson, N. J.
	Kilburn, Lincoln & Co., Inc., Fall River, Mass.
	Paterson Machine Works, Paterson, N. J.
Y. SUSPENDER LOOMS.	Atherton Machine Co., Paterson, N. J.
	Crompton & Knowles Loom Works, Worcester, Mass.
	Theodore Ehrenberg, 521 W. 45th St., New York.
	Schaum & Uhlinger, N. 2d St. & Glenwood Ave., Phila., Pa.
	Widmer Bros., Paterson, N. J.
Z. SWIVEL LOOMS.	Schaum & Uhlinger, N. 2d St. & Glenwood Ave., Phila., Pa.
AA. UPHOLSTERY LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
BB. VELVET LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Gilbert Loom Co., Worcester, Mass.
CC. WEBBING LOOMS.	Atherton Machine Co., Paterson, N. J.
	Crompton & Knowles Loom Works, Worcester, Mass.
DD. WEFT LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
EE. WOOLEN LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Fairmount Machine Co., 2106 Wood St., Phila., Pa.
	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
	Gilbert Loom Co., Worcester, Mass.
	Hughes & Russum, Hedge St., Frankford, Phila., Pa.
	James Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
FF. WORSTED LOOMS.	Crompton & Knowles Loom Works, Worcester, Mass.
	Fairmount Machine Co., 2106 Wood St., Phila., Pa.
	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
	Gilbert Loom Co., Worcester, Mass.
	Woonsocket Machine & Press Co., Woonsocket, R. I.
1770. NAPPING MACHINES.	S. B. Ardrey & Sons, Bristol, Pa.
	Cleveland Machine Co., Worcester, Mass.
	Curtis & Marble Machine Co., Worcester, Mass.
	Davis & Furber Machine Co., N. Andover Depot, Mass.
	Fairmount Machine Co., 2106 Wood St., Phila., Pa.
	Tompkins Bros., Troy, N. Y.
A. GIGGING MACHINES.	Cleveland Machine Works, Worcester, Mass.
	Curtis & Marble Machine Co., Worcester, Mass.
	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
	Parks & Woolson Machine Co., Springfield, Vt.
1771. OPENERS & LAPPERS, COTTON.	
	Atherton Machine Co., Lowell, Mass.
	Kitson Machine Co., Lowell, Mass.
	Whitin Machine Works, Whitinsville, Mass.

1772. PICKERING MACHINES.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.

1773. PICKER PARTS.
Atlas Mfg. Co., Newark, N. J.
Wm Crabb & Co., Newark, N. J.
Chas. S. Dodge, Lowell, Mass.
E. H. Jacobs Mfg. Co., Danielson, Conn.
Loom Picker Co., Biddeford, Me.

A. PICKER FEEDERS.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.

1774. PICKERS.
American Card Clothing Co., Worcester, Mass.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Gilbert Loom Co., Worcester, Mass.
I. A. Hall & Co., Paterson, N. J.
E. H. Jacobs Mfg. Co., Danielson, Conn.
Samuel E. & T. Stott, Lowell, Mass.

A. BURR PICKERS.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.

B. MIXING PICKERS.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.

C. WOOL PICKERS.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

1775. PLAITING MACHINES.
Rhode Island Braiding Machine Co., Providence, R. I.

1776. POINT NIPPERS.
American Supply Co., Providence, R. I.

1777. QUILLERS.
Atherton Machine Co., Paterson, N. J.
Crompton & Knowles Loom Works, Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Franklin Machine Co., Providence, R. I.
Paterson Machine Works, Paterson, N. J.
Geo. W. Payne & Co., Pawtucket, R. I.
R. I. Braiding Machine Co., Providence, R. I.
John Royle & Sons, Paterson, N. J.

1778. RAILWAY HEADS.
Fall River Machine Co., Fall River, Mass.
Lowell Machine Shop, Lowell Mass.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

1779. REELING MACHINES.
W. W. Altemus & Son, 2816 N. 4th St., Philadelphia, Pa.

1780. REELS.

A. COTTON YARN REELS.
Draper Co., Hopedale, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Lowell Machine Shop, Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

B. DYE TUB REELS.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

C. LINEN YARN REELS.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.

D. SKEINING & MEASURING REELS.
Rhode Island Braiding Mach. Co., Providence, R. I.

E. THREAD REELS.
A. Luther & Co., Pawtucket, R. I.

F. WIRE REELS.
Spicer Mfg. Co., New Philadelphia, O.

G. WOOD YARN REELS.
American Card Clothing Co., Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.

H. YARN REELS.
American Card Clothing Co., Worcester, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Machine Works, Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
A Luther & Co., Pawtucket, R. I.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.

1781. RIBBON LAP MACHINES, COTTON.
Whitin Machine Works, Whitinsville, Mass.

1782. ROVING & YARN TESTING MACHINES.
American Supply Co., Providence, R. I.
F H. Beecher, Seymour, Conn.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

1783. ROVING FRAMES.
Draper Co., Hopedale, Mass.
Fall River Machine Co., Fall River, Mass.
Lowell Machine Shops, Lowell, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

A. ROVING FRAME GEARS.
Providence Machine Co., Providence, R. I.
Woonsocket Machine & Press Co., Woonsocket, R. I.

1784. SHEARING MACHINES, TEXTILE.
James Barker, N. 2d & Somerset Sts., Phila., Pa.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.

Lowell Machine Shop, Lowell, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Woonsocket Machine & Press Co., Woonsocket, R. I.

1785. SHEDDING ENGINES.
Jas. A. McCormick & Co., Lawrence, Mass.

1786. SHEER FINISHING MACHINES.
I. E. Palmer, Middletown, Conn. *33

1787. SILK MACHINERY.
Atherton Machine Co., Paterson, N. J.
Atwood-Morrison Co., Stonington, Conn.
Benjamin Eastwood, Paterson, N. J.
Theodore Ehrenberg, 521 W. 45th St., New York.
Thos. Halton's Sons, Philadelphia, Pa.
Paterson Machine Works, Paterson, N. J.
John Royle & Sons, Paterson, N. J.
Schaum & Uhlinger, N. 2d St. & Glenwood Ave., Phila., Pa.
J. Walder, Paterson, N. J.
Watson Machine Co., Paterson, N. J.
Woonsocket Machine & Press Co., Woonsocket, R. I.
Thomas Wrigley, Paterson, N. J.

A. PIANO MACHINES.
John Royle & Sons, Paterson, N. J.
Schaum & Uhlinger, N. 2d St. & Glenwood Ave., Phila., Pa.

B. SILK DOUBLING MACHINES.
Atherton Machine Co., Paterson, N. J.
Atwood-Morrison Co., Stonington, Conn.
Benjamin Eastwood, Paterson, N. J.
Paterson Machine Works, Paterson, N. J.
Thomas Wrigley, Paterson, N. J.

C. SILK QUILTING & SPOOLING FRAMES.
Atwood-Morrison Co., Stonington, Conn.

D. SILK REELING MACHINES.
Atwood-Morrison Co., Stonington, Conn.
Paterson Machine Works, Paterson, N. J.

E. SILK WARPING FRAMES.
Atwood-Morrison Co., Stonington, Conn.

1788. SILK MILL NUTS.
H. A. Mack Wood Working Co., Weatherly, Pa.

1789. SINGEING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Granger Foundry & Machine Co., Providence, R. I.
R. I. Braiding Machine Co., Providence, R. I.

1790. SIZING MACHINES.
American Clay Working Mach. Co., Bucyrus, O.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Peck Mfg. Co., 9 River St., Danbury, Conn.

A. CHAIN SIZING MACHINES.
Granger Foundry & Machine Co., Providence, R. I.

B. SLASHER COMBS.
Brown, Reed & Heddle Co., Lowell, Mass.
J. A. Gowdy & Son, Providence, R. I.
William Huston, Providence, R. I.

C. SLASHERS.
Bement, Miles & Co., 2001 Callowhill St., Phila., Pa.
Cohoes Iron Foundry & Mach. Co., Cohoes, N. Y.
Lowell Machine Shop, Lowell, Mass.
Thomas Phillips Co., Providence, R. I.

1791. SLUBBING MACHINES.
Lowell Machine Shop, Lowell, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

1792. SPEEDERS.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

1793. SPINNING MACHINERY.
James Smith Woolen Machinery Co., 411 Race St., Phila., Pa.

A. COTTON SPINNING FRAMES.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

B. MULE ATTACHMENTS.
W. H. Bagshaw, Lowell, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Jas. A. McCormick & Co., Lawrence, Mass.
Samuel E. & T. Stott, Lowell, Mass.

C. MULE PARTS.
American Card Clothing Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Johnson & Bassett, Worcester, Mass.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

D. MULES, COTTON.
James Brown, Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

E. MULES, WOOLEN.	American Card Clothing Co., Worcester, Mass. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa. Johnson & Bassett, Worcester, Mass. Lowell Machine Shop, Lowell, Mass. Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
F. RING SPINNING FRAMES.	Fales & Jenks Machine Co., Pawtucket, R. I. Fall River Machine Co., Fall River, Mass. Franklin Machine Co., Providence, R. I. Lowell Machine Shop, Lowell, Mass. Mason Machine Works, Taunton, Mass. Providence Machine Co., Providence, R. I. Saco & Pettee Machine Shops, Newton Upper Falls, Mass. Whitin Machine Works, Whitinsville, Mass.
G. SELF-ACTING MULES.	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
H. WOOL SPINNERS, CONTINUOUS.	Woonsocket Machine & Press Co., Woonsocket, R. I.
I. WOOL SPINNING FRAMES.	American Card Clothing Co., Worcester, Mass. Fall River Machine Co., Fall River, Mass. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa. Johnson & Bassett, Worcester, Mass.
1794. SPINNING WHEELS.	A. Meinecke & Son, Milwaukee, Wis. F. B. Pierce & Co., Chesterfield, N. H.
1795. SPOOLING MACHINES.	
A. COTTON SPOOLERS.	W. W. Altemus & Son, 2816 N. 4th St., Phila., Pa. Draper Co., Hopedale, Mass. Easton & Burnham, Pawtucket, R. I. Fairmount Machine Co., 2106 Wood St., Phila., Pa. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa. Lowell Machine Shop, Lowell, Mass. Saco & Pettee Machine Shops, Newton Upper Falls, Mass. Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa. Whitin Machine Works, Whitinsville, Mass. Thomas Wrigley, Paterson, N. J.
B. PRESSER SPOOLERS.	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
C. SPOOLER GUIDES.	Draper Co., Hopedale, Mass.
D. SPOOLER STOP MOTIONS.	Draper Co., Hopedale, Mass. Fall River Machine Co., Fall River, Mass. Lowell Machine Shop, Lowell, Mass.
E. SPOOLER TRAVERSE MOTIONS.	Draper Co., Hopedale, Mass.
F. SPOOL SLATERS.	S. D. Nevins, Lowville, N. Y.
G. WOOL SPOOLERS.	American Card Clothing Co., Worcester, Mass. Cleveland Machine Works, Worcester, Mass. Easton & Burnham, Pawtucket, R. I. Fairmount Machine Co., 2106 Wood St., Phila., Pa. Jas. Smith Woolen Mach. Co., 411 Race St., Phila., Pa.
H. WORSTED SPOOLERS.	Cleveland Machine Works, Worcester, Mass. Fairmount Machine Co., 2106 Wood St., Phila., Pa. Jas. Smith Woolen Mach. Co., 411 Race St., Phila., Pa.
I. YARN SPOOLERS.	Gilbert Loom Co., Worcester, Mass.
1796. TAPEING MACHINES.	R. I. Braiding Machine Co., Providence, R. I.
1797. TWISTING MACHINERY.	
A. CORDAGE TWISTERS.	Geo. L. Brownell, Worcester, Mass. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa. J. & W. Lyall, 540 W. 23d St., New York.
B. COTTON TWISTERS.	Collins Bros., Central Falls, R. I. Draper Co., Hopedale, Mass. Franklin Machine Co., Providence, R. I. Lowell Machine Shop, Lowell, Mass. Providence Machine Co., Providence, R. I. Saco & Pettee Machine Shops, Newton Upper Falls, Mass. Whitin Machine Works, Whitinsville, Mass.
C. SILK TWISTERS.	Atwood-Morrison Co., Paterson, N. J. John Royle & Sons, Paterson, N. J.
D. TRAP TWISTERS.	Collins Bros., Central Falls, R. I.
E. TWISTER RINGS.	Whitinsville Spinning Ring Co., Whitinsville, Mass.
F. WOOL TWISTERS.	American Card Clothing Co., Worcester, Mass. Cleveland Machine Works, Worcester Mass. Collins Bros., Central Falls, R. I. Fales & Jenks Machine Co., Pawtucket, R. I. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa. Lowell Machine Shop, Lowell, Mass. Jas. Smith Woolen Mach. Co., 411 Race St., Phila., Pa.
G. YARN TWISTERS.	Collins Bros., Central Falls, R. I. Fairmount Machine Co., 2106 Wood St., Phila., Pa. M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

1798. WARPERS.
W. W. Altemus & Son, 2816 N. 4th St., Philadelphia, Pa.
Atherton Machine Co., Paterson, N. J.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.
Globe Machine Works, Frankford, Phila., Pa.
Paterson Machine Works, Paterson, N. J.
Whitin Machine Works, Whitinsville. Mass.

A. BALL WARPERS.
Globe Machine Works, Frankford, Phila., Pa.

B. CHAIN WARPERS & LINKERS.
Globe Machine Works, Frankford. Phila., Pa.

C. LEESE WARPERS.
Lowell Machine Shop, Lowell, Mass.

D. SLASHER WARPERS.
Lowell Machine Shop, Lowell, Mass.

E. WARPER BEAMS.
Lowell Machine Shop, Lowell, Mass.

1799. WARPING MILLS.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Paterson Machine Works, Paterson, N. J.

A. WARP SPLITTERS.
W. W. Altemus & Son, 2816 N. 4th St., Phila., Pa.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Granger Foundry & Machine Co., Providence, R. I.

1800. WINDERS.
Atherton Machine Co., Paterson, N. J.
Campbell & Clute, Cohoes, N. Y.
Cleveland Machine Works, Worcester, Mass.
Benjamin Eastwood, Paterson, N. J.
Fairmount Machine Co., 2106 Wood St., Phila., Pa.
Granger Foundry & Machine Co., Providence, R. I.
Lowell Machine Shop, Lowell, Mass.
J. & W. Lyall, 540 W. 23d St., New York.
Meriden Machine Tool Co., Meriden, Conn.
Geo. W. Payne & Co., Pawtucket, R. I.
Providence Machine Co., Providence, R. I.
Whitin Machine Works, Whitinsville, Mass.
Thomas Wrigley, Paterson, N. J.

A. BALL WINDERS.
Franklin Machine Co., Providence, R. I.

B. COP WINDERS.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Gilbert Loom Co., Worcester, Mass.
Lever & Grundy, Lehigh Av. & Mascher St., Phila., Pa.
J. & W. Lyall, 540 W. 23d St., New York.
Schaum & Uhlinger, N. 2d & Glenwood Av., Phila., Pa.

C. HAND WINDERS.
Branson Machine Co., 506 American St., Philadelphia, Pa.

D. QUILL WINDERS.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
H. A. Mack Wood Working Co., Weatherly, Pa.
Schaum & Uhlinger, N. 2d & Glenwood Av., Phila., Pa.

E. SKEIN WINDERS.
Collins Bros., Central Falls, R. I.

1801. WIRE COVERING MACHINERY.
New England Butt Co., Providence, R. I.

1802. WOOLEN MACHINERY.
American Card Clothing Co., Worcester, Mass.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Davis & Furber Machine Co., North Andover Depot, Mass.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Rodney Hunt Machine Co., Orange, Mass.
D. R. Kenyon & Son, Raritan, N. J.
J. & W. Lyall, 540 W. 23d St., New York.
James Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

A. APRON & ROLL CONDENSERS.
American Card Clothing Co., Worcester, Mass.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.

B. CLOTH WASHERS.
A. Hopkins & Co., Bridgeton, R. I.
James Hunter Machine Co., North Adams, Mass.
D. R. Kenyon & Son, Raritan, N. J.

C. CRABBING MACHINES.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.

D. WASTE DUSTERS.
Cleveland Machine Works, Worcester, Mass.
Stillman Randall Mach. Co., Westerly, R. I.

E. WHIPPING MACHINERY.
Cleveland Machine Works, Worcester, Mass.
D. R. Kenyon & Son, Raritan, N. J.

F. WOOL COMB NEEDLES.
Wm. Crabb & Co., Newark, N. J.

G. WOOL COMBS.
W. H. Bagshaw, Lowell, Mass.
Wm. Crabb & Co., Newark, N. J.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.
Samuel E. & T. Stott, Lowell, Mass.

H. WOOL DUSTERS.
American Card Clothing Co., Worcester, Mass.

Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.

I. WOOL SCOURING MACHINES.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.
H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
James Hunter Machine Co., North Adams, Mass.

J. WOOL SCOURING RUBBER ROLLS.
George P. Clark, Windsor Locks, Conn.

K. WOOL WASHING MACHINES.
Atlas Mfg. Co., Cross & Spring Sts., Newark, N. J.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
D. R. Kenyon & Son, Raritan, N. J.
Kitson Machine Co., Lowell, Mass.
Chas. G. Sargent's Sons, Graniteville, Mass.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.

L. WOOL WILLOWING MACHINES.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.

M. WORSTED WASHERS.
James Hunter Machine Co., North Adams, Mass.

N. YARN POLISHERS.
C. A. Luther & Co., Pawtucket, R. I.

WOOD WORKING.

1803. BAND SAW MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Joseph O. Colladay, 626 Race St., Philadelphia, Pa.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
Cordesman, Meyers & Co., 170 W. 2d St., Cincinnati, O.
Defiance Machine Works, Defiance, O.
Estate of Paul Pryibil, 512 W. 41st St., New York.
J. A. Fay & Egan Co., Cincinnati, O.
S. C. Forsaith Machine Co., Manchester, N. H.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Joshua Hendy Machine Works, San Francisco, Cal.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
J. M. Marston & Co., 226 Ruggles St., Boston, Mass.
Pacific Saw Mfg. Co., San Francisco, Cal.
Palmer, Parker & Co., 133 Portland St., Boston, Mass.
C. B. Rogers & Co., Norwich, Conn.
Silver Mfg. Co., Salem, O.
Sinker-Davis Co., Indianapolis, Ind.
H. B. Smith Machine Co., Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

A. BAND SAW BLADES.
American Saw Co., Trenton, N. J.
American Wood Working Mach. Co., 141 B'way, New York.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
J. A. Fay & Egan Co., Cincinnati, O.
National Saw Co., Newark, N. J.
Pacific Saw Mfg. Co., San Francisco, Cal.
Simonds Mfg. Co., Fitchburg, Mass.

B. DOUBLE BAND SAWING MACHINES.
Defiance Machine Works, Defiance, O.

C. FOOT POWER BAND SAWS.
J. M. Marston & Co., 33 Culvert St., Boston, Mass.

1804. BOLTING SAWS.
American Wood Working Mach. Co., 141 B'way, New York.
Defiance Machine Works, Defiance, O.
M. Garland, Bay City, Mich.
Hinckley & Egery Iron Co., Bangor, Me.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
Rockwood Mfg. Co., Indianapolis, Ind.

A. GANG BOLTERS.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
M. Garland, Bay City, Mich.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

1805. BOOK CASE MACHINES.
Smyth Mfg. Co., Hartford, Conn.

1806. BORING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Beaman & Smith, Providence, R. I.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Garvin Machine Co., 137 Varick St., New York.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.

	E. & B. Holmes Machinery Co., Buffalo, N. Y.
	Houston-Levi Co., Montgomery, Pa.
	H. N. Hubbard, 18 Cliff St., New York.
	Newton Mach. Tool Wks., Inc., 2547 Vine St., Phila., Pa.
	C. B. Rogers & Co., Norwich, Conn.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	H. B. Smith Machine Co., Smithville, N. J.
	Stow Mfg. Co., Binghamton, N. Y. *18
	Jas. Swan Co., Seymour, Conn.
	Witherby, Rugg & Richardson, Worcester, Mass.
	S. A. Woods Machine Co., South Boston, Mass.
A. AUTOMATIC BORING & TAPPING MACHINES.	Warner & Swasey, Cleveland, O.
B. BENCH BORING MACHINES.	American Wood Working Mach. Co., 141 B'way, New York.
	Champion Blower & Forge Co., Lancaster, Pa.
	J. A. Fay & Egan Co., Cincinnati, O.
	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
	L. Powers & Co., 20 S. 23d St., Philadelphia, Pa.
	C. B. Rogers & Co., Norwich, Conn.
	H. B. Smith Machine Co., Smithville, N. J.
C. BORING MACHINE AUGERS.	American Wood Working Mach. Co., 141 B'way, New York.
	Irwin Auger Bit Co., Wilmington, O.
	C. E. Jennings & Co., 79 Reade St., New York.
	Ohio Tool Co., Columbus, O.
	C. E. Rogers & Co., Norwich, Conn.
	Snell Mfg. Co., Fiskdale, Mass.
D. CAR BORING MACHINES.	J. A. Fay & Egan Co., Cincinnati, O.
	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
	Greenlee Bros. & Co., 235 W. 12th St., Chicago, Ill.
	L. Powers & Co., 20 S. 23d St., Philadelphia, Pa.
	C. B. Rogers & Co., Norwich, Conn.
	Snell Mfg. Co., Fiskdale, Mass.
E. CARPENTERS' HAND BORERS.	Buckeye Mfg. Co., Anderson, Ind.
	C. E. Jennings & Co., 79 Reade St., New York.
	Wm. P. Kellogg, Troy, N. Y.
	Lambert Gas & Gasoline Engine Co., Anderson, Ind.
	Millers Falls Co., Millers Falls, Mass.
	Snell Mfg. Co., Fiskdale, Mass.
F. DOUBLE BORING MACHINES.	J. A. Fay & Egan Co., Cincinnati, O.
	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
	Niles Tool Works Co., Hamilton, O.
	C. E. Rogers & Co., Norwich, Conn.
G. FLOOR BORING MACHINES.	Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
H. GANG BORING MACHINES.	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
	C. B. Rogers & Co., Norwich, Conn.
	Williams, White & Co., Moline, Ill.
I. GANG DRILLS.	Fitchburg Machine Works, Fitchburg, Mass.
J. HORIZONTAL BORING MACHINES.	American Wood Working Mach. Co., 141 B'way, New York.
	Baush & Harris Machine Tool Co., Springfield, Mass.
	J. A. Fay & Egan Co., Cincinnati, O.
	Fitchburg Machine Works, Fitchburg, Mass.
	Frank Machinery Co., Buffalo, N. Y.
	Garvin Machine Co., 137 Varick St., New York.
	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
	E. & B. Holmes Machinery Co., Buffalo, N. Y.
	Newton Machine Tool Works, 2547 Vine St., Phila., Pa.
	L. Powers & Co., 20 S. 23d St., Philadelphia, Pa.
	C. B. Rogers & Co., Norwich, Conn.
	H. B. Smith Machine Co., Smithville, N. J.
	Witherby, Rugg & Richardson, Worcester, Mass.
K. MACHINE BIT DRILLS.	American Wood Working Mach. Co., 141 B'way, New York.
	Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
	Henry H. Harvey, 105 High St., Boston, Mass.
	Silver Mfg. Co., Salem, O.
L. MACHINE BITS.	American Wood Working Mach. Co., 141 B'way, New York.
	Ford Bit Co., Holyoke, Mass.
	Irwin Auger Bit Co., Wilmington, O.
	Ohio Tool Co., Columbus, O.
	Standard Tool Co., Cleveland, O.
	S. A. Woods Mach. Co., South Boston, Mass.
M. MULTIPLE BORING MACHINES.	Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
N. PIN HOLE BORING MACHINES.	American Wood Working Mach. Co., 141 B'way, New York.
	C. B. Rogers & Co., Norwich, Conn.
	Stow Mfg. Co., Binghamton, N. Y. *18

O. PORTABLE BORING MACHINES.
W. F. & Jno. Barnes Co., Rockford, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Silver Mfg. Co., Salem, O.
Snell Mfg. Co., Fiskdale, Mass.
Stow Flexible Shaft Co., N. 26th & Callowhill Sts., Phila., Pa.
Stow Mfg. Co., Binghamton, N. Y. *18
S. A. Woods Mach. Co., South Boston, Mass.

P. PORTABLE RADIAL BORING MACHINES.
J. A. Fay & Egan Co., Cincinnati, O.

Q. POST BORING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Phila., Pa.
C. B. Rogers & Co., Norwich, Conn.

R. PULLEY BORING MACHINES.
Mitts & Merrill, East Saginaw, Mich.

S. VERTICAL BORING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Newton Machine Tool Wks., 2347 Vine St., Phila., Pa.
L. Powers & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
Snell Mfg. Co., Fiskdale, Mass.

1807. BUTTING MACHINES.
Greaves & Klusman, Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13

1808. CABINET MAKERS' BENCHES.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Henry F. Heuer, 112 Weed St., Chicago, Ill.

1809. CABINET MAKERS' MACHINERY.
American Wood Working Mach. Co., 141 B'way, New York.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
C. B. Rogers & Co., Norwich, Conn.

A. PLUG CUTTERS, CABINET MAKERS'.
Sam'l C. Tatum Co., Water & John Sts., Cincinnati, O.

1810. CABINET MAKERS' TOOLS.
Dicke Tool Co., Downer's Grove, Ill.

1811. CARVING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Battle Creek Steam Pump Co., Battle Creek, Mich.
J. A. Fay & Egan Co., Cincinnati, O.
Moseley Lathe Co., Elgin. Ill.
Union Embossing Machine Co., Indianapolis, Ind.

1812. CIGAR BOX MACHINERY.
J. A. Fay & Egan Co., Cincinnati, O.
L. F. Grames & Sons, Allentown, Pa.

1813. CIRCULAR SAW MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
Defiance Machine Works, Defiance, O.
Estate of Paul Pryibil, 512 W. 41st St., New York.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
A. W. Gray's Sons, Middletown Springs, Vt.
Hinckley & Egery Iron Co., Bangor, Me.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
R. R. Howell & Co., Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt. *13
J. M. Marston & Co., Boston, Mass.
Richmond Locomotive & Mach. Works, Richmond, Va.
C. B. Rogers & Co., Norwich, Conn.
St. Albans Foundry Co., St. Albans, Vt.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Smalley Mfg. Co., Manitowoc, Wis.
H B. Smith Machine Co., Smithville, N. J.
Star Mfg. Co., Carpentersville, Ill.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Witherby, Rugg & Richardson, Worcester, Mass.
S A. Woods Machine Co., South Boston, Mass.

A. CAR CUT-OFF & GAINING MACHINES.
J. A. Fay & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
C. B. Rogers & Co., Norwich, Conn.

B.	CROSS-CUT SAW MACHINES.	American Wood Working Mach. Co., 141 B'way, New York.
		Cordesman Machine Co., Butler St., Cincinnati, O.
		J. A. Fay & Egan Co., Cincinnati, O.
		Greaves & Klusman, Cincinnati, O.
		E. & B. Holmes Machinery Co., Buffalo, N. Y.
		Lane Mfg. Co., Montpelier, Vt. *13
		L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
		C. B. Rogers & Co., Norwich, Conn.
		H. B. Smith Mach. Co., Smithville, N. J.
		Witherby, Rugg & Richardson, Worcester, Mass.
		S. A. Woods Machine Co., South Boston, Mass.
C.	CUT-OFF SAW MACHINES.	American Wood Working Mach. Co., 141 B'way, New York.
		Bangor Foundry & Mach. Co., Bangor, Me.
		Chase Turbine Mfg. Co., Orange, Mass.
		Cordesman Machine Co., Cincinnati, O.
		J. A. Fay & Egan Co., Cincinnati, O.
		Frank Machinery Co., Buffalo, N. Y.
		Goodell & Waters, 3101 Chestnut St., Phila., Pa.
		A. W. Gray's Sons, Middletown Springs, Vt.
		Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
		Hinckley & Egery Iron Co., Bangor, Me.
		E. & B. Holmes Machinery Co., Buffalo, N. Y.
		Lane Mfg. Co., Montpelier, Vt. *13
		Larzelere Machine Co., Williamsport, Pa.
		J. M. Marston & Co., Boston, Mass.
		Mecklenburg Iron Works, Charlotte, N. C.
		Newton Mach. Tool Works, 2347 Vine St., Phila., Pa.
		C. B. Rogers & Co., Norwich, Conn.
		H. B. Smith Machine Co., Smithville, N. J.
		U. S. Wind Engine & Pump Co., Batavia, Ill.
		Witherby, Rugg & Richardson, Worcester, Mass.
		S. A. Woods Machine Co., South Boston, Mass.
D.	DIMENSION GAUGES.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
E.	DRAG SAW MACHINES.	Chase Turbine Mfg. Co., Orange, Mass.
F.	EDGING SAW MACHINES.	American Wood Working Mach. Co., 141 B'way, New York.
		Bangor Foundry & Mach. Co., Bangor, Me.
		J. A. Fay & Egan Co., Cincinnati, O.
		Hinckley & Egery Iron Co., Bangor, Me.
		E. & B. Holmes Machinery Co., Buffalo, N. Y.
		Lane Mfg. Co., Montpelier, Vt. *13
		Mecklenburg Iron Works, Charlotte, N. C.
		Sinker-Davis Co., Indianapolis, Ind.
		Witherby, Rugg & Richardson, Worcester, Mass.
G.	FOOT POWER CIRCULAR SAWS.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
		E. & B. Holmes Machinery Co., Buffalo, N. Y.
		J. M. Marston & Co., Boston, Mass.
		Seneca Falls Mfg. Co., Seneca Falls, N. Y.
		S. A. Woods Machine Co., Boston, Mass.
H.	HAND POWER CIRCULAR SAW MACHINES.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
		Barnes Tool Co., New Haven, Conn.
		Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
		J. M. Marston & Co., Boston, Mass.
I.	HAND RIP SAWS.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
J.	SLITTING SAWS.	American Wood Working Mach. Co., 141 B'way, New York
		Goodell & Waters, 3101 Chestnut St., Phila., Pa.
K.	SWING CUT-OFF SAW MACHINES.	J. S. Graham Machine Co., Rochester, N. Y.
L.	SWING CUT-OFF SAWS.	American Wood Working Mach. Co., 141 B'way, New York
		E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
		Bangor Foundry & Mach. Co., Bangor, Me.
		Brennan & Co., Louisville, Ky.
		Chandler & Taylor Co., Indianapolis, Ind.
		Jos. O. Colladay, 626 Race St., Philadelphia, Pa.
		J. A. Fay & Egan Co., Cincinnati, O.
		Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
		Frank Machinery Co., Buffalo, N. Y.
		Goodell & Waters, 3101 Chestnut St., Phila., Pa.
		Hinckley & Egery Iron Co., Bangor, Me.
		E. & B. Holmes Machinery Co., Buffalo, N. Y.
		Houston-Levi Co., Montgomery, Pa.
		R. R. Howell & Co., Minneapolis, Minn.
		Lane Mfg. Co., Montpelier, Vt. *13
		S. D. Nevins, Lowville, N. Y.
		Rockwood Mfg. Co., Indianapolis, Ind.
		C. B. Rogers & Co., Norwich, Conn.
		H. B. Smith Machine Co., Smithville, N. J.

Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Wickes Bros., Saginaw, Mich.
Witherby, Rugg & Richardson, Worcester, Mass.

1814. CIRCULAR SAW MANDRELS.

American Saw Co., Trenton, N. J.
American Wood Working Mach. Co., 141 B'way, New York.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Bangor Foundry & Mach. Co., Bangor, Me.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Buckeye Saw Mfg. Co., Columbus, O.
Capital City Mach. Works, Columbus, O.
Dickson Mfg. Co., Scranton, Pa.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
Fairmount Mach. Co., 2106 Wood St., Philadelphia, Pa.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Hinckley & Egery Iron Co., Bangor, Me.
R. Hoe & Co., 504 Grand St., New York.
Knight Mfg. Co., Canton, Pa.
Lane & Bodley Co., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
National Saw Co., Newark, N. J.
Joshua Oldham & Sons, 351 E. 61st St., Brooklyn, N. Y.
Pacific Saw Mfg. Co., San Francisco, Cal.
C. B. Rogers & Co., Norwich, Conn.
Southern Saw Works, Atlanta, Ga.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

1815. CIRCULAR SAWS.

American Saw Co., Trenton, N. J.
American Wood Working Mach. Co., 141 B'way, New York.
Appleton Mfg. Co., Batavia, Ill
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Baldridge & Hogan Saw Co., 7 Vine St., Cincinnati, O.
Barcus Bros., Muskegon, Mich.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 22d St., St. Louis, Mo.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
Peter Gerlach & Co., Cleveland, O.
R. Hoe & Co., 504 Grand St., New York.
Wm. McNiece & Son, 515 Cherry St., Philadelphia, Pa.
National Saw Co., Newark, N. J.
Joshua Oldham & Sons, 351 E. 61st St., Brooklyn, N. Y.
Pacific Saw Mfg. Co., San Francisco, Cal.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Simonds Mfg. Co., Fitchburg, Mass.
N. W. Spalding Saw Co., 17 Fremont St., San Francisco, Cal.
U. S. Wind Engine & Pump Co., Batavia, Ill.

A. CONCAVE CIRCULAR SAWS.

American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
National Saw Co., Newark, N. J.

B. GROOVING SAWS.

American Saw Co., Trenton, N. J.
American Wood Working Mach. Co., 141 B'way, New York.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
R. Hoe & Co., 504 Grand St., New York.
National Saw Co., Newark, N. J.

C. INSERTED TOOTH CIRCULAR SAWS.

American Saw Co., Trenton, N. J.
American Wood Working Mach. Co., 141 B'way, New York.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
R. Hoe & Co., 504 Grand St., New York.
Simonds Mfg. Co., Fitchburg, Mass.
Southern Saw Works, Atlanta, Ga.

D. INSULATED CIRCULAR SAWS.

Curtis & Co. Mfg. Co., 22d St. & Wash. Av., St. Louis, Mo.

E. SEGMENT SAWS

American Wood Working Mach. Co., 141 B'way, New York.

E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
E. & B. Holmes Machinery Co., Buffalo, N. Y.
National Saw Co., Newark, N. J.

1816. CLAPBOARD MACHINERY.
Bangor Foundry & Machine Co., Bangor, Me.
Butterworth & Lowe, Grand Rapids, Mich.
S. C. Forsaith Mach. Co., Manchester, N. H.
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13
S. A. Woods Machine Co., South Boston, Mass.

1817. CORNERING AND ROUNDING MACHINES.
J. A. Fay & Egan Co., Cincinnati, O.

1818. CUTTING MACHINERY, WOOD.
Bentel & Margedant Co., Hamilton, O.

1819. DOVETAILING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Blake & Johnson, Waterbury, Conn.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Knapp Dovetailing Mach. Co., Florence, Mass.
Norwood Engineering Co., Florence, Mass.
C. B. Rogers & Co., Norwich, Conn.

1820. EXCELSIOR CUTTERS.
Berlin Machine Works, Beloit, Wis.
McDonough Mfg. Co., Eau Claire, Wis.

1821. FELLOE MACHINERY. J. A. Fay & Egan Co., Cincinnati, O.

1822. FLOORING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
J. A. Fay & Egan Co., Cincinnati, O.
Glen Cove Machine Co., 34 Clay St., Brooklyn, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Houston-Levi Co., Montgomery, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
S. K. Lovewell & Co., Chelsea, Mass.
C. B. Rogers & Co., Norwich, Conn.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

1823. FOOT POWER MACHINERY.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
M. Marston & Co., Boston, Mass.
Narragansett Machine Co., Providence, R. I.

1824. FORMERS, FOOT POWER.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.

1825. GAUGES, WOOD WORKING.
A. CUTTING GAUGES. H. Chapin's Sons Co., Pine Meadow, Conn.
B. SLITTING GAUGES. H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
C. SOCKET FIRMER GAUGES. Ohio Tool Co., Columbus, O.

1826. JOINERS' BENCH BLOCKS.
Runge Mfg. Co,, Meriden, Conn.

1827. JOINTERS.
S. Adams & Son, Rome, N. Y.
American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
Buss Machine Works, Grand Rapids, Mich.
Jos. O. Colladay, 626 Race St., Philadelphia, Pa.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
H. B. Smith Machine Co., Smithville, N. J.
S. A. Woods Machine Co., South Boston, Mass.
A. BOX BOARD JOINTERS. S. Adams & Son, Rome, N. Y.
B. GLUE JOINTERS. Berlin Machine Works, Beloit, Wis.
Frank Machinery Co., Buffalo, N. Y.
C. JOINTER HEADS. American Wood Working Mach. Co., 141 B'way, New York.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Samuel J. Shiner, Milton, Pa.

1828. KNIFE BALANCING MACHINES.
Defiance Machine Works, Defiance, O.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

1829. LATHE ACCESSORIES.

A. CHISEL CALIPERS. H. B. Smith Machine Co., Smithville, N. J.
B. PLUG CUTTERS. Jas. Swan Co., Seymour, Conn.
C. WOOD LATHE CHUCKS. H. B. Smith Machine Co., Smithville, N. J.
D. WOOD TURNERS' SIZERS. Kraeuter & Co., Newark, N. J.

1830. LATHES, WOOD TURNING.

American Wood Working Mach. Co., 141 B'way, New York.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
Cordesman, Meyers & Co., 170 W. 2d St., Cincinnati, O.
Estate of Paul Pryibil, 512 W. 41st St., New York.
J. A. Fay & Egan Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Frank Machinery Co., Buffalo, N. Y.
Garvin Machinery Co., Spring & Varick Sts., New York.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lodge & Shipley Mach. Tool Co., Cincinnati, O.
New Haven Mfg. Co., New Haven, Conn.
Ober Lathe Co., Chagrin Falls, O.
C. B. Rogers & Co., Norwich, Conn.
Sebastian Lathe Co., Cincinnati, O.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
H. B. Smith Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
D. W. Williams & Co., Indianapolis, Ind.
Witherby, Rugg & Richardson, Worcester, Mass.

A. BEDDING LATHES. C. B. Rogers & Co., Norwich, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
H. B. Smith Machine Co., Smithville, N. J.

B. FOOT POWER WOOD TURNING LATHES. W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.

C. GAUGE LATHES. J. A. Fay & Egan Co., Cincinnati, O.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lawrence & Chapin Co., Kalamazoo, Mich.
Meriden Machine Tool Co., Meriden, Conn.
I. E. Merritt Machinery Co., Lockport, N. Y.
Novelty Iron Works, Dubuque, Iowa.
C. B. Rogers & Co., Norwich, Conn.
H. B. Smith Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.

D. GOLF CLUB TURNING LATHES. Kimball Bros. & Sprague, 153 Center St., Brockton, Mass.

E. HANDLE LATHES. J. A. Fay & Egan Co., Cincinnati, O.

F. LATHE & SCROLL SAWS COMBINED. Shipman Mfg. Co., Rochester, N. Y.

G. LATHE HEADS. C. B. Rogers & Co., Norwich, Conn.

H. MANUAL TRAINING LATHES. F. E. Reed Co., Worcester, Mass.

I. PATTERN MAKERS' LATHES. American Wood Working Mach. Co., 141 B'way, New York.
Baxter D. Whitney, Winchendon, Mass.
J. A. Fay & Egan Co., Cincinnati, O.
Fitchburg Machine Works, Fitchburg, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
New Haven Mfg. Co., New Haven, Conn.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
C. B. Rogers & Co., Norwich, Conn.

J. VARIETY LATHES. Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Putnam Machine Co., Fitchburg, Mass.

1831. LATH MACHINES. American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
Butterworth & Lowe, Grand Rapids, Mich.
M. Garland, Bay City, Mich.
Garvin Machine Co., Spring & Varick Sts., New York.
Hinckley & Egery Iron Co., Bangor, Me.
Lane & Bodley Co., John & Water Sts., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt. *13
Lodge & Shipley Mach. Tool Co., Cincinnati, O.
Smith, Myers & Schnier, 323 W. Front St., Cincinnati, O.

Southern Engine & Boiler Works, Jackson, Tenn.
Stearns Mfg. Co., Erie, Pa.

A. COMBINATION LATH MILLS & BOLTERS.
American Wood Working Mach. Co., 141 B'way, New York.
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13
Mitts & Merrill, East Saginaw, Mich.
Phoenix Mfg. Co., Eau Claire, Wis.

B. LATH BOLTERS.
Edward P. Allis Co., Milwaukee, Wis.
Bangor Foundry & Machine Co., Bangor, Me.
Wm. E. Hill & Co., Kalamazoo, Mich.
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13
Mitts & Merrill, East Saginaw, Mich.
Noah Shaw & Co., Eau Claire, Wis.

C. LATH BUNDLERS.
W. E. Hill & Co., Kalamazoo, Mich.
Phoenix Mfg. Co., Eau Claire, Wis.

D. LATH BUNDLERS & TRIMMERS.
Wm. E. Hill & Co., Kalamazoo, Mich.
Lane Mfg. Co., Montpelier, Vt. *13
Phoenix Mfg. Co., Eau Claire, Wis.

E. LATH MILLS.
S. Adams & Son, Rome, N. Y.
Edward P. Allis Co., Milwaukee, Wis.
American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Butterworth & Lowe, Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Curtis & Co. Mfg. Co., 817 N. 2d St., St. Louis, Mo.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Frank Machinery Co., Buffalo, N. Y.
M. Garland, Bay City, Mich.
R. R. Howell & Co., Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt. *13
Lansing Boiler & Engine Works, Lansing, Mich.
Mitts & Merrill, East Saginaw, Mich.
Phoenix Mfg. Co., Eau Claire, Wis.
L. Power & Co., Philadelphia, Pa.
H. B. Smith Machine Co., Smithville, N. J.
Smith, Myers & Schnier,, Cincinnati, O.
W. J. Young & Co., Inc., Clinton, Iowa.

1832. LUMBER MILL MACHINES.
S. Adams & Son, Rome, N. Y.
Berlin Machine Works, Beloit, Wis.
Clark Bros., Belmont, N. Y.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
Greaves & Klusman, Cincinnati, O.
E. B. Hayes Mach. Co., Oshkosh, Wis.
Wm. E. Hill & Co., Kalamazoo, Mich.
Lane Mfg. Co., Montpelier, Vt. *13
McDonough Mfg. Co., Eau Claire, Wis.
Perkins & Co., Grand Rapids, Mich.
Sinker-Davis Co., Indianapolis, Ind.
H. B. Smith Machine Co., Smithville, N. J.
Smith, Myers & Schnier, Cincinnati, O.
Wheland's Machine Works, Chattanooga, Tenn.

1833. MACHINE KNIVES.
Loring Coes & Co., Box 12, Station B, Worcester, Mass.
Emerson, Smith & Co., Ltd., Beavers Falls, Pa.
A. Hankey & Co., Rochdale, Mass.
Holyoke Bar Co., Holyoke, Mass.
National Saw Co., Newark, N. J.
A. A. Simonds & Son, Dayton, O.
Taylor, Stiles & Co., Riegelsville, N. J.
L. & I. J. White Co., Buffalo, N. Y.

A. PANEL RAISING KNIVES.
Taylor, Stiles & Co., Riegelsville, N. J.

B. SPOKE LATHE KNIVES.
Loring Coes & Co., Box 12, Station B, Worcester, Mass.

C. TONGUE & GROOVING KNIVES.
Taylor, Stiles & Co., Riegelsville, N. J.

1834. MATCHER ACCESSORIES.

A. BIT SETTERS.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
S. A. Wood Mach. Co., South Boston, Mass.

B. MATCHER HEADS.
American Wood Working Mach. Co., 141 B'way, New York.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.

Samuel J. Shimers, Milton, Pa.
H. B. Smith Machine Co., Smithville, N. J.
S. A. Woods Machine Co., South Boston, Mass.

C. MATCHER KNIVES.
American Wood Working Mach. Co., 141 B'way, New York.
Loring Coes & Co., Worcester, Mass.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
A. A. Simonds & Son, Dayton, O.
Simonds Mfg. Co., Fitchburg, Mass.
Taylor, Stiles & Co., Riegelsville, N. J.
S. A. Woods Mach. Co., South Boston, Mass.

1835. MATCHERS.
American Wood Working Mach. Co., 141 B'way, New York.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
Defiance Machine Works, Defiance, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
J. A. Fay & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Glen Cove Machine Co., 34 Clay St., Brooklyn, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Houston-Levi Co., Montgomery, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
Morgan Machine Co., Rochester, N. Y.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
Salem Iron Works, Salem, N. C.
H. B. Smith Machine Co., Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

1836. MINING TIMBER FRAMING MACHINES.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Col.

1837. MITERING MACHINES, FOOT AND HAND.
American Wood Working Mach. Co., 141 B'way, New York.
W. F. & John Barnes Co., Rockford, Ill.
Barnes Tool Co., New Haven, Conn.
J. A. Fay & Egan Co., Cincinnati, O.
J. M. Marston & Co., Boston, Mass.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Seymour & Whitlock, Newark, N. J.
H. B. Smith Machine Co., Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.

1838. MORTISING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
W. F. & John Barnes Co., Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
S. C. Forsaith Mach. Co., Manchester, N. H.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
Houston-Levi Co., Montgomery, Pa.
Lane & Bodley Co., Cincinnati, O.
I. E. Merritt Machinery Co., Lockport, N. Y.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Seymour & Whitlock, Newark, N. J.
H. B. Smith Machine Co., Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

A. CAR MORTISING MACHINES.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
C. B. Rogers & Co., Norwich, Conn.

B. FOOT POWER MORTISERS.
American Wood Working Mach. Co., 141 B'way, New York.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
J. A. Fay & Egan Co., Cincinnati, O.
Gould & Eberhardt, Newark, N. J.
Wm. P. Kellogg, Troy, N. Y.
C. B. Rogers & Co., Norwich, Conn.

Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Seymour & Whitlock, Newark, N. J.
H. B. Smith Machine Co., Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.

C. HOLLOW CHISEL MORTISERS. S. A. Woods Machine Co., South Boston, Mass.

D. HORIZONTAL MORTISERS. S. A. Woods Machine Co., South Boston, Mass.

E. MORTISER CHISELS.
American Wood Working Mach. Co., 141 B'way, New York.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Ohio Tool Co., Columbus, O.
C. B. Rogers & Co., Norwich, Conn.
H. B. Smith Machine Co., Smithville, N. J.

F. MORTISER STOCKS. Defiance Machine Works, Defiance, O.

G. VERTICAL MORTISERS. S. A. Woods Mach. Co., South Boston, Mass.

1839. MOULDING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Berlin Machine Works, Beloit, Wis.
Jos. O. Colladay, 626 Race St., Philadelphia, Pa.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
Drummond Mfg. Co., Louisville, Ky.
J. A. Fay & Egan Co., Cincinnati, O.
S. C. Forsaith Mach. Co., Manchester, N. H.
Frank Machinery Co., Buffalo, N. Y.
Glen Cove Machine Co., 34 Clay St., Brooklyn, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Houston-Levi Co., Montgomery, Pa.
Racine Hardware Co., Racine, Wis.
Reynolds & Co., New Haven, Conn.
C. B. Rogers & Co., Norwich, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
H. B. Smith Machine Co., Smithville, N. J.
Whiting Foundry Equipment Co., Harvey, Ill.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

A. EDGE MOULDING & SHAPING MACHINES. J. A. Fay & Egan Co., Cincinnati, O.

B. MOULDING CUTTERS.
American Wood Working Mach. Co., 141 B'way, New York.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
Barnes Tool Co., New Haven, Conn.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
J. A. Fay & Egan Co., Cincinnati, O.
National Saw Co., Newark, N. J.
C. B. Rogers & Co., Norwich, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
H. B. Smith Machine Co., Smithville, N. J.
Taylor, Stiles & Co., Riegelsville, N. J.
L. & I. J. White Co., Buffalo, N. Y.

C. SPIRAL MOULDING MACHINES.
Berlin Machine Works, Beloit, Wis.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Samuel J. Shimer & Sons, Milton, Pa.

D. VARIABLE FEED MOULDERS. E. & B. Holmes Machinery Co., Buffalo, N. Y.

E. VARIETY MOULDING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Battle Creek Steam Pump Co., Battle Creek, Mich.
C. B. Rogers & Co., Norwich, Conn.
Samuel J. Shimer & Sons, Milton, Pa.

1840. PANEL PLOW ARMS & STOPS.
Ohio Tool Co., Columbus, O.

1841. PANEL RAISERS.
American Wood Working Mach. Co., 141 B'way, New York.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Berlin Machine Works, Beloit, Wis.
Jos. O. Colladay, 626 Race St., Philadelphia, Pa.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Houston-Levi Co., Montgomery, Pa.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.

1842. PICKET MACHINES.

H. B. Smith Machine Co., Smithville, N. J.
Bangor Foundry & Machine Co., Bangor, Me.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Gaar, Scott & Co., Richmond, Ind.
J. M. Gleason, Liberty, Ind.
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13
Lansing Boiler & Engine Works, Lansing, Mich.
H. B. Smith Machine Co., Smithville, N. J.

A. PICKET HEADING MACHINES.

American Wood Working Mach. Co., 141 B'way, New York.

B. PICKET POINTING MACHINES.

Berlin Machine Works, Beloit, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
H. B. Smith Machine Co., Smithville, N. J.

1843. PLANERS, WOOD.

Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
J. A. Fay & Egan Co., Cincinnati, O.
S. C. Forsaith Mach. Co., Manchester, N. H.
E. & B. Holmes Machinery Co., Rochester, N. Y.
Pond Machine Tool Co., Plainfield, N. J.
L. Powers & Co., 20 S. 23d St., Philadelphia, Pa.
John Royle & Sons, Straight & Essex Sts., Paterson, N. J.
Salem Iron Works, Salem, N. C.
Whitcomb Mfg. Co., Worcester, Mass.
Baxter D. Whitney, Winchendon, Mass.
S. A. Wood Machine Co., South Boston, Mass.

A. BUZZ PLANERS.

American Wood Working Mach. Co., 141 B'way, New York.
Baker Bros., Toledo, O.
Bangor Foundry & Machine Co., Bangor, Me.
Berlin Machine Works, Beloit, Wis.
Joseph O. Colladay, 626 Race St., Philadelphia, Pa.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
Dennis Machine Co., Jackson, Mich.
Estate of Paul Pryibil, 512 W. 41st St., New York.
Frank Machinery Co., Buffalo, N. Y.
Garvin Machine Co., Spring & Varick Sts., New York.
Glen Cove Machine Co., 34 Clay St., Brooklyn, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
Hinckley & Egery Iron Co., Bangor, Me.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Houston-Levi Co., Montgomery, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
Lombard Iron Works & Supply Co., Augusta, Ga.
S. K. Lowell & Co., Chelsea, Mass.
C. B. Rogers & Co., Norwich, Conn.
H. B. Smith Machine Co., Smithville, N. J.
Alvin Streeter, Winchendon, Mass.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

B. COMBINED PLANERS, MATCHERS & MOULDERS.

American Wood Working Mach. Co., 141 B'way, New York.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
Putnam Machine Co., Fitchburg, Mass.
C. B. Rogers & Co., Norwich, Conn.
S. A. Woods Machine Co., South Boston, Mass.

C. PLANER KNIFE GRINDING ATTACHMENTS.

J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
S. C. Rogers & Co., Buffalo, N. Y.
S. A. Woods Machine Co., South Boston, Mass.

D. PLANER KNIVES.

American Axe & Tool Co., Pittsburg, Pa.
American Wood Working Mach. Co., 141 B'way, New York.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Loring Coes & Co., Worcester, Mass.
Dickson Mfg. Co., Scranton, Pa.
J. A. Fay & Egan Co., Cincinnati, O.

A. Hankey & Co., Rochdale, Mass.
National Saw Co., Newark, N. J.
Pacific Saw Mfg. Co., San Francisco, Cal.
C. B. Rogers & Co., Norwich, Conn.
A. A. Simonds & Son, Dayton, O.
H. B. Smith Machine Co., Smithville, N. J.
Taylor, Stiles & Co., Riegelsville, N. J.
L. & I. J. White Co., Buffalo, N. Y.

E. PLANERS & MATCHERS.
American Wood Working Mach. Co., 141 B'way, New York.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.
Cordesman, Meyers & Co., 170 W. 2d St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
S. C. Forsaith Mach. Co., Manchester, N. H.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
Salem Iron Works, Salem, N. C.
H. B. Smith Machine Works, Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

F. PONY PLANERS.
American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
De Loach Mill Mfg. Co., Atlanta, Ga.
J. A. Fay & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
Hinckley & Egery Iron Co., Bangor, Me.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C B. Rogers & Co., Norwich, Conn.
Witherby, Rugg & Richardson, Worcester, Mass.

G. RADIUS PLANERS & MACHINE SPOKE SHAVES.
Defiance Machine Works, Defiance, O.

H. SURFACERS.
American Wood Working Mach. Co., 141 B'way, New York.
Baker Bros., Toledo, O.
Bangor Foundry & Machine Co., Bangor, Me.
Berlin Machine Works, Beloit, Wis.
J. A. Fay & Egan Co., Cincinnati, O.
Fischer Machine Works, Chicago, Ill.
Glen Cove Machine Co., 34 Clay St., Brooklyn, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J S. Graham Machine Co., Rochester, N. Y.
Hinckley & Egery Iron Co., Bangor, Me.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
H. B. Smith Machine Co., Smithville, N. J.
Springfield Mfg. Co., Bridgeport, Conn.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

I. TIMBER PLANERS.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
C. B. Rogers & Co., Norwich, Conn.
S. A. Woods Machine Co., South Boston Mass.

1844. PLANING MILL MACHINERY.

American Wood Working Mach. Co., 141 B'way, New York.
Bentel & Margedant Co., Hamilton, O.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
L Power & Co., 20 S. 23d St., Philadelphia, Pa.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

1845. POLE & SHAFT MACHINERY.

Defiance Machine Works, Defiance, O.

1846. RE-SAWING MACHINES.

American Wood Working Mach. Co., 141 B'way, New York.
Chattanooga Machinery Co., Chattanooga, Tenn.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
E. & B. Holmes Machine Co., Buffalo, N. Y.
Saginaw Mfg. Co., Saginaw, Mich.
H. B. Smith Machinery Co., Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

A. BAND RE-SAWS.
Clark Bros., Belmont, N. Y.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Wm. B. Mershon & Co., East Saginaw, Mich.
Preble Machine Works Co., 125 S. Clinton St., Chicago, Ill.
Saginaw Mfg. Co., Saginaw, Mich.

B. CIRCULAR RE-SAWING MACHINES.
J. A. Fay & Egan Co., Cincinnati, O.
S. A. Woods Machine Co., South Boston, Mass.

C. RE-SAWING SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
Wm. B. Mershon & Co., East Saginaw, Mich.
National Saw Co., Newark, N. J.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.

1847. RIP SAW MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
W. F. & John Barnes, 855 Ruby St., Rockford, Ill.
Berlin Machine Works, Beloit, Wis.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
M. Garland, Bay City, Mich.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
J. M. Marston & Co., 226 Ruggles St., Boston, Mass.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
Sinker-Davis Co., Indianapolis, Ind.
S. A. Woods Machine Co., South Boston, Mass.

A. BEVEL & MITER RIPPING SAWS.
J. A. Fay & Egan Co., Cincinnati, O.

B. DOUBLE REVOLVING RIPPING SAWS.
J. A. Fay & Egan Co., Cincinnati, O.

C. GANG RIP SAWS.
American Wood Working Mach. Co., 141 B'way, New York.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.

D. IRON FRAME RIPPING SAWS.
J. A. Fay & Egan Co., Cincinnati, O.
Sinker-Davis Co., Indianapolis, Ind.

E. SELF-FEEDING RIP SAWS.
American Wood Working Mach. Co., 141 B'way, New York.
Berlin Machine Works, Beloit, Wis.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
M. Garland, Bay City, Mich.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
J. M. Marston & Co., 226 Ruggles St., Boston, Mass.
C. B. Rogers & Co., Norwich, Conn.
H. B. Smith Machine Co., Smithville, N. J.
S. A. Woods Machine Co., South Boston, Mass.

F. VARIABLE FEED RIP SAWS.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

1848. ROD, PIN & DOWEL MACHINES.

American Wood Working Mach. Co., 141 B'way, New York.
Baker Bros., Toledo, O.
Buss Machine Works, Grand Rapids, Mich.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
G. N. Goodspeed, Winchendon, Mass.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
C. B. Rogers & Co., Norwich, Conn.

H. B. Smith Machine Co., Smithville, N. J.

A. PIN MAKING & POINTING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.

1849. SAND BELT MACHINES.
Trevor Mfg. Co., Lockport, N. Y.

1850. SAND PAPERING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Greenlee Bros. & Co., Inc., 225 W. 12th St., Chicago, Ill.
Houston-Levi Co., Montgomery, Pa.
Ober Lathe Co., Chagrin Falls, O.
C. B. Rogers & Co., Norwich, Conn.
Seelye Mfg. Co., 110 Lincoln St., Boston, Mass.
Winship Mfg. Co., Racine, Wis.

1851. SASH, DOOR & BLIND MACHINERY.
American Wood Working Mach. Co., 141 B'way, New York.
Berlin Machine Works, Beloit, Wis.
J. A. Fay & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
Joshua Hendy Machine Works, San Francisco, Cal.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Houston-Levi Co., Montgomery, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
McDonough Mfg. Co., Eau Claire, Wis.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
St. Louis Mfg. Co., Mullanphy c. 10th Sts., St. Louis, Mo.
Seymour & Whitlock, Newark, N. J.
H. B. Smith Machine Co., Smithville, N. J.
Taylor, Stiles & Co., Riegelsville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.

A. BLIND SLAT CRIMPERS.
American Wood Working Mach. Co., 141 B'way, New York.
H. B. Smith Machine Co., Smithville, N. J.

B. BLIND SLAT SAWS.
American Wood Working Mach. Co., 141 B'way, New York.
J. A. Fay & Egan Co., Cincinnati, O.
E. B. Hayes Machine Co., Oshkosh, Wis.
Houston-Levi Co., Montgomery, Pa.

C. BLIND WIRING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Berlin Machine Works, Beloit, Wis.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Seymour & Whitlock, Newark, N. J.
H. B. Smith Machine Co., Smithville, N. J.

D. BOX & CRATE SLAT CUTTING MACHINES.
Trevor Mfg. Co., Lockport, N. Y.

E. DOOR SURFACERS & POLISHERS.
American Wood Working Mach. Co., 141 B'way, New York.

F. SASH & DOOR POLISHING MACHINES.
Springfield Mfg. Co., Bridgeport, Conn.

G. SASH, BLIND & DOOR CLAMPS.
American Wood Working Mach. Co., 141 B'way, New York.
Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
H. B. Smith Machine Co., Smithville, N. J.
E. C. Stearns & Co., Syracuse, N. Y.

H. SASH CUTTER HEADS.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Samuel J. Shimer & Sons, Milton, Pa.

I. SASH RODS.
H. B. Smith Machine Co., Smithville, N. J.

1852. SAW BENCHES.
American Wood Working Mach. Co., 141 B'way, New York.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Chase Turbine Mfg. Co., Orange, Mass.
Jos. O. Colladay, 626 Race St., Philadelphia, Pa.
Covel Mfg. Co., 8 S. Canal St., Chicago, Ill.
Dupont Mfg. Co., St. Johnsburg, Vt.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
J. S. Graham Machine Co., Rochester, N. Y.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
Hildreth Bros., Harvard, Mass.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
John Royle & Sons, Straight & Essex Sts., Paterson, N. J.
H. B. Smith Machine Co., Smithville, N. J.
Standard Saw Mill Machinery Co., 911 E. 12th St., Erie, Pa.
United States Wind Engine & Pump Co., Batavia, Ill.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

A. CIRCULAR SAW BENCHES. Kimball Bros. & Sprague, 153 Centre St., Brockton, Mass.

B. CORD WOOD SAW BENCHES. Chandler & Taylor Co., Indianapolis, Ind.

C. CUT-OFF TABLES. H. L. Beach, Montrose, Pa.
Lane Mfg. Co., Montpelier, Vt. *13
C. B. Rogers & Co., Norwich, Conn.

D. EDGING & SLITTING TABLES. Chandler & Taylor Co., Indianapolis, Ind.

E. METAL SAW TABLES. C. B. Rogers & Co., Norwich, Conn.
Seymour & Whitlock, Newark, N. J.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

F. POWER FEED SAW BENCHES. Chase Turbine Mfg. Co., Orange, Mass.

G. RIP SAW TABLES. H. L. Beach, Montrose, Pa.

H. SLITTING SAW TABLES. Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Robinson & Co., Inc., Richmond, Ind.
C. B. Rogers & Co., Norwich, Conn.

I. SWING CUT-OFF & EDGING TABLES. Lane Mfg. Co., Montpelier, Vt. *13
Rodgers Iron Mfg. Co., Muskegon, Mich.
C. B. Rogers & Co., Norwich, Conn.

J. UNIVERSAL SAW BENCHES. Baker Bros., Toledo, O.
J. A. Fay & Egan Co., Cincinnati, O.
C. B. Rogers & Co., Norwich, Conn.

1853. SAWING MACHINES.

Althouse-Wheeler Co., Waupun, Wis.
American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
Bentel & Margedant Co., Hamilton, O.
Duplex Mfg. Co., South Superior, Wis.
J. A. Fay & Egan Co., Cincinnati, O.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
L. M. Ham & Co., Boston, Mass.
Hinckley & Egery Iron Co., Bangor, Me.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Lane Mfg. Co., Montpelier, Vt. *13
Jas. H. McLain Co., Canton, O.
C. B. Rogers & Co., Norwich, Conn.
A. Rosenberg Co., Baltimore, Md.
H. B. Smith Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
Whitman Agricultural Co., St. Louis, Mo.
S. A. Wood Machine Co., South Boston, Mass.

A. COMBINATION SAW & DADO MACHINES. American Wood Working Mach. Co., 141 B'way, New York.
Ohio Tool Co., Columbus, O.
C. B. Rogers & Co., Norwich, Conn.

B. PATTERN MAKERS' DIMENSION SAWS. Putnam Machine Co., Fitchburg, Mass.

C. WOOD PULP SAWING MACHINES. Olin Scott, Bennington, Vt.

1854. SAW MILL MACHINERY.

W. T. Adams Machine Co., Corinth, Miss.
Edward P. Allis Co., Milwaukee, Wis.
Brennan & Co., Louisville, Ky.
Chandler & Taylor Co., Indianapolis, Ind.
Clark Bros., Belmont, N. Y.
Curtis & Co. Mfg. Co., St. Louis, Mo.
Davenport Foundry & Machine Co., Davenport, Iowa.
De Loach Mill Mfg. Co., Atlanta, Ga.
Diamond Iron Works, Minneapolis, Minn.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Heebner & Sons, Lansdale, Pa.
Wm. Kehoe & Co., Savannah, Ga.
Knight Mfg. Co., Canton, O.
F. S. Lovell Machine Works, Fitchburg, Mass.
Manistee Iron Works, Manistee, Mich.
Murray Iron Works, Burlington, Iowa.
Stearns Mfg. Co., Erie, Pa.

A. BAND SAWS & CIRCULAR MILLS, COMBINED.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Stearns Mfg. Co., Erie, Pa.	
B. BAND SAW CARRIAGE OFFSETS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	D. Clint Prescott Co., Marinette, Wis.	
C. BAND SAW MILLS.	Edward P. Allis Co., Milwaukee, Wis.	
	Brennan & Co., Louisville, Ky.	
	Chandler & Taylor Co., Indianapolis, Ind.	
	Clark Bros., Belmont, N. Y.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	S. C. Forsaith Machine Co., Manchester, N. H.	
	Lane & Bodley Co., Cincinnati, O.	
	Lombard Iron Works & Supply Co., Augusta, Ga.	
	Manistee Iron Works & Supply Co., Manistee, Mich.	
	Phoenix Mfg. Co., Eau Claire, Wis.	
	Salem Iron Works, Salem, N. C.	
	Stearns Mfg. Co., Erie, Pa.	
	Wickes Bros., Saginaw, Mich.	
	N. J. Young & Co., Inc., Clinton, Iowa.	
D. CARRIAGE ROLLERS, SAW MILLS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
E. CIRCULAR SAW MILLS.	Edward P. Allis Co., Milwaukee, Wis.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Barnes Mfg. Co., Lanesboro, Pa.	
	Battle Creek Steam Pump Co., Battle Creek, Mich.	
	Brennan & Co., Louisville, Ky.	
	Chandler & Taylor Co., Indianapolis, Ind.	
	Chase Turbine Mfg. Co., Orange, Mass.	
	Clark Bros., Belmont, N. Y.	
	Curtis & Co. Mfg. Co., St. Louis, Mo.	
	De Loach Mill Mfg. Co., Atlanta, Ga.	
	A. B. Farquhar Co., Ltd., York, Pa.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	S. C. Forsaith Machine Co., Manchester, N. H.	
	Frick Co., Waynesboro, Pa.	*9
	Gaar, Scott & Co., Richmond, Ind.	
	Geiser Mfg. Co., Waynesboro, Pa.	
	Griffith & Wedge Co., Zanesville, O.	
	Heilman Machine Works, Evansville, Ind.	
	Chas. E. Herrick, Northampton, Mass.	
	Hinckley & Egery Iron Co., Bangor, Mass.	
	Kingsland & Douglas Mfg. Co., St. Louis, Mo.	
	Knight Mfg. Co., Canton, O.	
	Lane & Bodley Co., Cincinnati, O.	
	Lane Mfg. Co., Montpelier, Vt.	*13
	Lansing Boiler & Engine Works, Lansing, Mich.	
	Lombard Iron Works & Supply Co., Augusta, Ga.	
	Mansfield Machine Works, Mansfield, O.	
	McEwen Bros., Wellsville, N. Y.	
	New Birdsall Co., Auburn, N. Y.	
	W. D. Norton, Cincinnati, O.	
	Phoenix Mfg. Co., Eau Claire, Wis.	
	D. Clint Prescott Co., Marinette, Wis.	
	Reeves & Co., Columbus, Ind.	
	Richmond Machine Works, Richmond, Ind.	
	Robinson & Co., Richmond, Ind.	
	Rockwood Mfg. Co., Indianapolis, Ind.	
	Russell & Co., Massillon, O.	
	Salem Iron Works, Salem, N. C.	
	Noah Shaw & Co., Eau Claire, Wis.	
	Sinker-Davis Co., Indianapolis, Ind.	
	Smalley Mfg. Co., Manitowoc, Wis.	
	Southern Engine & Boiler Works, Jackson, Tenn.	
	N. W. Spaulding Saw Co., San Francisco, Cal.	
	Standard Saw Mill Machinery Co., Erie, Pa.	
	Trumbull Mfg. Co., Warren, O.	
	Watertown Steam Engine Co., Watertown, N. Y.	
	West Point Iron Works, West Point, Ga.	
	Geo. W. Wheland, Chattanooga, Tenn.	
	Whitney Iron Works Co., New Orleans, La.	
	Wickes Bros., Saginaw, Mich.	
	Winship Machine Co., Atlanta, Ga.	
F. CORD WOOD SAW MILLS.	Chandler & Taylor Co., Indianapolis, Ind.	
	R. R. Howell & Co., Minneapolis, Minn.	
	Stover Mfg. Co., Freeport, Ill.	
G. CUT-OFF SAWS.	Bangor Foundry & Machine Co., Bangor, Me.	
	Berlin Machine Works, Beloit, Wis.	

Butterworth & Lowe, Grand Rapids, Mich.
J. A. Fay & Egan Co., Cincinnati, O.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
M. Garland, Bay City, Mich.
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13
C. B. Rogers & Co., Norwich, Conn.
Sinker-Davis Co., Indianapolis, Ind.
Southern Engine & Boiler Works, Jackson, Tenn.
Stearns Mfg. Co., Erie, Pa.

H. DOUBLE EDGERS.
American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13

I. DRAG SAW MILLS.
Bangor Foundry & Machine Co., Bangor, Me.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Brennan & Co., Louisville, Ky.
Chandler & Taylor Co., Indianapolis, Ind.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Hinckley & Egery Iron Co., Bangor, Me.
R. R. Howell & Co., Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt. *13
Novelty Iron Works, Dubuque, Iowa.
St. Albans Foundry Co., St. Albans, Vt.
Smalley Mfg. Co., Manitowac, Wis.
Stearns Mfg. Co., Erie, Pa.
Trevor Mfg. Co., Lockport, N. Y.
Westinghouse Co., Schenectady, N. Y.

J. DRAG SAW RIGS.
Bangor Foundry & Machine Co., Bangor, Me.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13

K. DRAG SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Baldridge & Hogan Saw Co., Cincinnati, O.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Brennan & Co., Louisville, Ky.
De Loach Mill Mfg. Co., Atlanta, Ga.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
R. Hoe & Co., 504 Grand St., New York.
Lane Mfg. Co., Montpelier, Vt. *13
National Saw Co., Newark, N. J.
Pacific Saw Mfg. Co., San Francisco, Cal.
Simonds Mfg. Co., Fitchburg, Mass.

L. EDGER SAWS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.

M. EDGING GRINDERS.
Bangor Foundry & Machine Co., Bangor, Me.
Hinckley & Egery Iron Co., Bangor, Me.
Mitts & Merrill, East Saginaw, Mich.
Noah Shaw & Co., Eau Claire, Wis.

N. FUEL FEEDERS.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Frick Co., Waynesboro, Pa. *9
M. Garland, Bay City, Mich.

O. GANG EDGERS.
Edward P. Allis Co., Milwaukee, Wis.
American Wood Working Mach. Co., 141 B'way, New York.
Bangor Foundry & Machine Co., Bangor, Me.
Brennan & Co., Louisville, Ky.
Butterworth & Lowe, Grand Rapids, Mich.
Clark Bros., Belmont, N. Y.
De Loach Mill Mfg. Co., Atlanta, Ga.
J. A. Fay & Egan Co., Cincinnati, O.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
M. Garland, Bay City, Mich.
W. E. Hill & Co., Kalamazoo, Mich.
Hinckley & Egery Iron Co., Bangor, Me.
R. R. Howell & Co., Minneapolis, Minn.
Moses P. Johnson Machinery Co., St. Louis, Mo.
Lane Mfg. Co., Montpelier, Vt. *13
Phoenix Mfg. Co., Eau Claire, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
N. W. Spaulding Saw Co., San Francisco, Cal.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Mfg. Co., Erie, Pa.

	Wickes Bros., Saginaw, Mich.	
P. GANG RIPPERS.	American Wood Working Mach. Co., 141 B'way, New York.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	M. Garland, Bay City, Mich.	
	J. S. Graham Machine Co., Rochester, N. Y.	
	Hinckley & Egery Iron Co., Bangor, Me.	
	Standard Saw Mill Machinery Co., Erie, Pa.	
Q. GANG SAW MILLS.	S Adams & Son, Rome, N. Y.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Hinckley & Egery Iron Co., Bangor, Me.	
	D. Clint Prescott Co., Marinette, Wis.	
	Noah Shaw & Co., Eau Claire, Wis.	
	Stearns Mfg. Co., Erie, Pa.	
	Wickes Bros., Saginaw, Mich.	
	W. J. Young & Co., Inc., Clinton, Iowa.	
R. GANG SAWS.	American Saw Co., Trenton, N. J.	
	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.	
	Brennan & Co., Louisville, Ky.	
	Buckeye Saw Mfg. Co., Columbus, O.	
	Curtis & Co. Mfg. Co., St. Louis, Mo.	
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.	
	Emerson, Smith & Co., Ltd., Beaver Falls, Pa.	
	R. Hoe & Co., 504 Grand St., New York.	
	National Saw Co., Newark, N. J.	
	Simonds Mfg. Co., Fitchburg, Mass.	
S. LIVE ROLLS.	Edward P. Allis Co., Milwaukee, Wis.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	W. E. Hill & Co., Kalamazoo, Mich.	
	Hinckley & Egery Iron Co., Bangor, Me.	
	Stearns Mfg. Co., Erie, Pa.	
T. LOG & LUMBER TRUCKS.	Bain Wagon Co., Kenosha, Wis.	
	Thomas Carlin's Sons, Allegheny, Pa.	
	Farmers' Handy Wagon Co., Saginaw, Mich.	
	Fish Bros. Wagon Co., Racine, Wis.	
	Knight Mfg. Co., Canton, Pa.	
	Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.	
	Standard Saw Mill Machinery Co., Erie, Pa.	
U. LOG & SLAB CONVEYORS.	Edward P. Allis Co., Milwaukee, Wis.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
V. LOG BAND SAW MILLS.	Cordesman Machine Co., Cincinnati, O.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	D. Clint Prescott Co., Marinette, Wis.	
	Sinker-Davis Co., Indianapolis, Ind.	
W. LOG DECKS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	M. Garland, Bay City, Mich.	
	Lane Mfg. Co., Montpelier, Vt.	*13
X. LOG HAULS.	Edward P. Allis Co., Milwaukee, Wis.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Chandler & Taylor Co., Indianapolis, Ind.	
	Hinckley & Egery Iron Co., Bangor, Me.	
	Lane Mfg. Co., Montpelier, Vt.	*13
	Mecklenburg Iron Works, Charlotte, N. C.	
	Southern Engine & Boiler Works, Jackson, Tenn.	
Y. LOG JACKS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	W. T. Garratt & Co., Inc., San Francisco, Cal.	
	W. E. Hill & Co., Kalamazoo, Mich.	
	Lane Mfg. Co., Montpelier, Vt.	*13
	Phoenix Mfg. Co., Eau Claire, Wis.	
	Southern Engine & Boiler Works, Jackson, Tenn.	
	Standard Scale & Supply Co., Pittsburg, Pa.	
	Stearns Mfg. Co., Erie, Pa.	
Z. LOG LOCKS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	M. Garland, Bay City, Mich.	
	Lane Mfg. Co., Montpelier, Vt.	*13
AA. LOG MILLS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	M. Garland, Bay City, Mich.	
BB. LOG ROLLERS.	Edward P. Allis Co., Milwaukee, Wis.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	M. Garland, Bay City, Mich.	
	Lane Mfg. Co., Montpelier, Vt.	*13
CC. LOG SETTING INDICATORS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Lane Mfg. Co., Montpelier, Vt.	*13

	New Birdsall Co., Auburn, N. Y.	
DD. LOG STOPS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	W. E. Hill & Co., Kalamazoo, Mich.	
	Lane Mfg. Co., Montpelier, Vt.	*13
EE. LOG TURNERS.	Brennan & Co., Louisville, Ky.	
	Chandler & Taylor Co., Indianapolis, Ind.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Lane Mfg. Co., Montpelier, Vt.	*13
	Reeves & Co., Columbus, Ind.	
	Southern Engine & Boiler Works, Jackson, Tenn.	
	Trumbull Mfg. Co., Warren, O.	
FF. LUMBER BUGGIES.	Smith, Myers & Schnier, Cincinnati, O.	
GG. LUMBER EDGERS.	American Wood Working Mach. Co., 141 B'way, New York.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Brennan & Co., Louisville, Ky.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	M. Garland, Bay City, Mich.	
	Hinckley & Egery Iron Co., Bangor, Me.	
	Lane Mfg. Co., Montpelier, Vt.	*13
	D. Clint Prescott Co., Marinette, Wis.	
	Noah Shaw & Co., Eau Claire, Wis.	
	Smith, Myers & Schnier, Cincinnati, O.	
	Stearns Mfg. Co., Erie, Pa.	
HH. LUMBER TRIMMERS.	Edward P. Allis Co., Milwaukee, Wis.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Clark Bros., Belmont, N. Y.	
	De Loach Mill Mfg. Co., Atlanta, Ga.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	M. Garland, Bay City, Mich.	
	Hinckley & Egery Iron Co., Bangor, Me.	
	R. R. Howell & Co., Minneapolis, Minn.	
	Lane Mfg. Co., Montpelier, Vt.	*13
	Phoenix Mfg. Co., Eau Claire, Wis.	
	Noah Shaw & Co., Eau Claire, Wis.	
	Southern Engine & Boiler Works, Jackson, Tenn.	
	Smith, Myers & Schnier, Cincinnati, O.	
	Standard Saw Mill Machinery Co., Erie, Pa.	
	Stearns Mfg. Co., Erie, Pa.	
II. MILL SAWS.	American Saw Co., Trenton, N. J.	
	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.	
	Buckeye Saw Mfg. Co., Columbus, O.	
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.	
	Emerson, Smith & Co., Ltd., Beaver Falls, Pa.	
	Peter Gerlach & Co., Cleveland, O.	
	R. Hoe & Co., 504 Grand St., New York.	
	National Saw Co., Newark, N. J.	
	Joshua Oldham & Sons, 351 E. 61st St., New York.	
	Pacific Saw Mfg. Co., San Francisco, Cal.	
	Simonds Mfg. Co., Fitchburg, Mass.	
JJ. MULAY SAWS.	American Saw Co., Trenton, N. J.	
	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	Baldridge & Hogan Saw Co., Cincinnati, O.	
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.	
	Chandler & Taylor Co., Indianapolis, Ind.	
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.	
	Emerson, Smith & Co., Ltd., Beaver Falls, Pa.	
	R. Hoe & Co., 504 Grand St., New York.	
	National Saw Co., Newark, N. J.	
	Pacific Saw Mfg. Co., San Francisco, Cal.	
	Simonds Mfg. Co., Fitchburg, Mass.	
KK. PORTABLE SAW MILLS.	Anderson Foundry & Machine Works, Anderson, Ind.	
	Aultman & Taylor Machinery Co., Mansfield, O.	
	John Best, Lancaster, Pa.	
	Birdsall Co., Auburn, N. Y.	
	Booth & Rockwell, Monroeton, Pa.	
	Brennan & Co., Louisville, Ky.	
	J. I. Case Threshing Machine Co., Racine, Wis.	
	Chandler & Taylor Co., Indianapolis, Ind.	
	H. Dudley Coleman, New Orleans, La.	
	R. D. Cole Mfg. Co., Newman, Ga.	
	Geo. S. Comstock, Mechanicsburg, Pa.	
	C. & J. Cooper, Mount Vernon, O.	
	Curtis & Co., Mfg. Co., St. Louis, Mo.	
	De Loach Mill Mfg. Co., Atlanta, Ga.	
	W. D. Dunning, Syracuse, N. Y.	

	Enterprise Mfg. Co., Columbiana, O.	
	A. B. Farquhar & Co., York, Pa.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Frick Co., Waynesboro, Pa.	*9
	Gaar, Scott & Co., Richmond, Ind.	
	Geiser Mfg. Co., Waynesboro, Pa.	
	Geo. S. Grier & Sons, Milford, Del.	
	Griffith & Wedge Co., Zanesville, O.	
	Heilman Machine Works, Evansville, Ind.	
	R. R. Howell & Co., Minneapolis, Minn.	
	Moses P. Johnson Machinery Co., St. Louis, Mo.	
	Kratz Bros., Evansville, Ind.	
	Lane & Bodley Co., Cincinnati, O.	
	Lane Mfg. Co., Montpelier, Vt.	*13
	Lansing Boiler & Engine Works, Lansing, Mich.	
	Larzeler Machinery Co., Williamsport, Pa.	
	Liddell & Co., Charlotte, N. C.	
	Livermore Foundry & Machine Co., Memphis, Tenn.	
	Lombard Iron Works & Supply Co., Augusta, Ga.	
	Mankato Mfg. Co., Mankato, Minn.	
	Massena Mill Co., Massena, N. Y.	
	McDonough Mfg. Co., Eau Claire, Wis.	
	Mecklenburg Iron Works, Charlotte, N. C.	
	New Birdsall Co., Auburn, N. Y.	
	Oneida Iron Works, Oneida, N. Y.	
	C. & A. Potts & Co., Indianapolis, Ind.	
	A. C. Powell & Son, Syracuse, N. Y.	
	Reeves & Co., Columbus, Ind.	
	Richmond Machine Works, Richmond, Ind.	
	Robinson & Co., Richmond, Ind.	
	Russell & Co., Massillon, O.	
	Ryan-McDonald Mfg. Co., Baltimore, Md.	
	Salem Iron Works, Salem, N. C.	
	J. S. Schofield, Sons & Co., Macon, Ga.	
	Sergeant Mfg. Co., Greensboro, N. C.	
	Sinker-Davis Co., Indianapolis, Ind.	
	Smith, Myers & Schnier, Cincinnati, O.	
	Spangler Mfg. Co., York, Pa.	
	Stearns Mfg. Co., Erie, Pa.	
	Struthers, Wells & Co., Warren, Pa.	
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.	
	E. Van Winkle Gin & Machine Works, Atlanta, Ga.	
	Westinghouse Co., Schenectady, N. Y.	
	West Point Iron Works, West Point, Ga.	
	Wheland's Machine Works, Chattanooga, Tenn.	
	Winship Machine Co., Atlanta, Ga.	
LL. SAW ARBORS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	H. L. Beach, Montrose, Pa.	
	J. A. Fay & Egan Co., Cincinnati, O.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	S. A. Woods Machine Co., South Boston, Mass.	
MM. SAW DUST CONVEYORS.	Bangor Foundry & Machine Co., Bangor, Me.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Hinckley & Egery Iron Co., Bangor, Me.	
NN. SAW DUST ELEVATORS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Trumbull Mfg. Co., Warren, O.	
OO. SAW GUIDES.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.	
	Brennan & Co., Louisville, Ky.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.	
	Lane Mfg. Co., Montpelier, Vt.	*13
PP. SAW MILL CARRIAGES.	Adams Bros. Co., Findlay, O.	
	Edward P. Allis Co., Milwaukee, Wis.	
	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	Brennan & Co., Louisville, Ky.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Frick Co., Waynesboro, Pa.	*9
	Lane Mfg. Co., Montpelier, Vt.	*13
	Robt. Poole & Son Co., Baltimore, Md.	
	D. Clint Prescott Co., Marinette, Wis.	
QQ. SAW MILL DOGS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	Bangor Edge & Tool Co., Bangor, Me.	
	Brennan & Co., Louisville, Ky.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8

		Frick Co., Waynesboro, Pa.	*9
		R. R. Howell & Co., Minneapolis, Minn.	
		Knight Mfg. Co., Canton, O.	
		Lane & Bodley Co., Cincinnati, O.	
		F. S. Lovell Machine Works, Fitchburg, Mass.	
		Phoenix Mfg. Co., Eau Claire, Wis.	
		Rockwood Mfg. Co., Indianapolis, Ind.	
		Southern Engine & Boiler Works, Jackson, Tenn.	
		Southern Log Cart & Supply Co., Mobile, Ala.	
		Standard Saw Mill Machinery Co., Erie, Pa.	
		Stearns Mfg. Co., Erie, Pa.	
		Walter A. Zelnicker, St. Louis, Mo.	
RR.	SAW MILL HEAD BLOCKS.	S. Adams & Son, Rome, N. Y.	
		Brennan & Co., Louisville, Ky.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Frick Co., Waynesboro, Pa.	*9
		Knight Mfg. Co., Canton, O.	
		Lane & Bodley Co., Cincinnati, O.	
		Lane Mfg. Co., Montpelier, Vt.	*13
		Mansfield Machine Works, Mansfield, O.	
		Robt. Poole & Son Co., Baltimore, Md.	
		D. Clint Prescott Co., Marinette, Wis.	
		Reeves & Co., Columbus, Ind.	
		Sinker-Davis Co., Indianapolis, Ind.	
		Smith, Myers & Schnier, Cincinnati, O.	
		Stearns Mfg. Co., Erie, Pa.	
		Struthers, Wells & Co., Warren, Pa.	
SS.	SAW MILL SET WORKS.	Knight Mfg. Co., Canton, O.	
TT.	SHAVINGS & DUST FANS.	American Blower Co., Detroit, Mich.	
		Boston Blower Co., Hyde Park, Mass.	
UU.	SINGLE EDGERS.	Brennan & Co., Louisville, Ky.	
		R. R. Howell & Co., Minneapolis, Minn.	
		Knight Mfg. Co., Canton, O.	
		Larzeler Machine Co., Williamsport, Pa.	
		John Royle & Sons, Paterson, N. J.	
		Olin Scott, Bennington, Vt.	
VV.	SLAB SLASHERS.	Edward P. Allis Co., Milwaukee, Wis.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		M. Garland, Bay City, Mich.	
WW.	STEAM BOARD LIFTERS.	Edward P. Allis Co., Milwaukee, Wis.	
XX.	STEAM CARRIAGE FEEDS.	Edward P. Allis Co., Milwaukee, Wis.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Wm. E. Hill & Co., Kalamazoo, Mich.	
		Pawling & Harnischfeger, Milwaukee, Wis.	
		D. Clint Prescott Co., Marinette, Wis.	
YY.	STEAM CART TRIPS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		M. Garland, Bay City, Mich.	
		Wm. E. Hill & Co., Kalamazoo, Mich.	
ZZ.	STEAM GANG STOCK LIFTERS.	Edward P. Allis Co., Milwaukee, Wis.	
		Wm. E. Hill & Co., Kalamazoo, Mich.	
AAA.	STEAM LOG TURNERS.	Edward P. Allis Co., Milwaukee, Wis.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Wm. E. Hill & Co., Kalamazoo, Mich.	
BBB.	TIMBER GAUGES.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
CCC.	VERTICAL SAW MILLS.	Chandler & Taylor Co., Indianapolis, Ind.	
1855.	**SAW TOOLS.**	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
A.	BAND SAW BRAZING FRAMES.	American Wood Working Mach. Co., 141 B'way, New York.	
		E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
		Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.	
		S. C. Rogers & Co., Lock St., Buffalo, N. Y.	
B.	BAND SAW FILERS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
		S. C. Rogers & Co., Lock St., Buffalo, N. Y.	
C.	BAND SAW SETTING & FILING FRAMES.	American Wood Working Mach. Co., 141 B'way, New York.	
		E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Cordesman, Meyer & Co., Cincinnati, O.	
		Detrick & Harvey Machine Co., Baltimore, Md.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.	
		C. B. Rogers & Co., Norwich, Conn.	
D.	BAND SAW TOOLS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.	

E.	BAND WHEEL GRINDERS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
F.	BRAZING TABLES.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
G.	BRAZING TONGS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
H.	CIRCULAR SAW TOOLS.	American Saw Co., Trenton, N. J.	
		E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		W. B. Barry Saw & Supply Co., Indianapolis, Ind.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		National Saw Co., Newark, N. J.	
		Pacific Saw Mfg. Co., San Francisco, Cal.	
I.	IRON SAW LEVELING TABLES.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
J.	LAP CUTTERS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
K.	LAP GRINDERS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
L.	RETOOTHERS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
M.	SAW BRAZING CLAMPS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
N.	SAW FILERS & GUMMERS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Nicholson File Co., Providence, R. I.	
		S. C. Rogers & Co., Buffalo, N. Y.	
O.	SAW FILING CLAMPS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
		Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
		Filer & Stowell Co., Ltd., Milwaukee. Wis.	*8
P.	SAW FITTING MACHINES.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
Q.	SAW GAUGES.	American Saw Co., Trenton, N. J.	
		E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		W. B. Barry Saw & Supply Co., Indianapolis, Ind.	
		H. L. Beach, Montrose, Pa.	
		Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
		Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.	
		A. B. Hazzard, St. Louis, Mo.	
		National Saw Co., Newark, N. J.	
		Seymour & Whitlock, Newark, N. J.	
R.	SAW GUARDS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
S.	SAW GUMMER CUTTERS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.	
T.	SAW GUMMERS.	W. T. Adams Machine Co., Corinth, Miss.	
		American Axe & Tool Co., Pittsburg, Pa.	
		American Saw Co., Trenton, N. J.	
		American Wood Working Mach. Co., 141 B'way, New York.	
		E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Cleveland Store Co., Cleveland, O.	
		Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
		Emerson, Smith & Co., Ltd., Beaver Falls, Pa.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		R. Hoe & Co., 504 Grand St., New York.	
		J. W. Mixter & Co., Plymouth, Mass.	
		Silver Mfg. Co., Salem, O.	
		N. W. Spaulding Saw Co., San Francisco, Cal.	
		Tanite Co., Stroudsburg. Pa.	
U.	SAW GUMMERS, EMERY WHEEL.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		Tanite Co., Stroudsburg, Pa.	
V.	SAW HAMMERS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
W.	SAW SET GAUGES.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
X.	SAW SETS.	American Saw Co., Trenton, N. J.	
		E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
		Bemis & Call Hardware & Tool Co., Springfield, Mass.	
		Humason & Beckley Mfg. Co., New Britain, Conn.	
		F. E. Kohler & Co., Canton, O.	
		National Saw Co., Newark, N. J.	
		Peck, Stow & Wilcox Co., Southington, Conn.	
		Seymour, Smith & Son, Oakville, Conn.	
		Chas. Strelinger & Co., Detroit, Mich.	
Y.	SAW SETTING & FILLING MACHINES.	Detrick & Harvey Machine Co., Baltimore, Md.	
Z.	SAW SHARPENERS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
		Baldwin, Tuthill & Bolton, Trenton, N. J.	
		Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
		Dupont Mfg. Co., St. Johnsburg, Vt.	
		Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
		S. C. Rogers & Co., Lock St., Buffalo, N. Y.	
AA.	SAW SWAGES.	American Saw Co., Trenton, N. J.	
		E C. Atkins & Co., Indianapolis, Ind.	*19 & 20

	Baldridge & Hogan Saw Co., Cincinnati, O.	
	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
	Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
	Emerson, Smith & Co., Ltd., Beaver Falls, Pa.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	R. Hoe & Co., 504 Grand St., New York.	
	Phoenix Mfg. Co., Eau Claire, Wis.	
BB. SIDE FILES.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
	Corel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
CC. STRETCHERS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
DD. SWAGE SHAPERS.	F. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
EE. TWO-SAW TRIMMERS.	E. & B. Holmes Machinery Co., Buffalo, N. Y.	
FF. UPSETS.	Baldwin, Tuthill & Bolton, Grand Rapids, Mich.	
1856. SCROLL SAWS.	American Wood Working Mach. Co., 141 B'way, New York.	
	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.	
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.	
	Battle Creek Steam Pump Co., Battle Creek, Mich.	
	H. L. Beach, Montrose, Pa.	
	Buss Machine Works, Grand Rapids, Mich.	
	Jos. O. Colladay, 626 Race St., Philadelphia, Pa.	
	Cordesman Machine Co., 27 Butler St., Cincinnati, O.	
	Cordesman, Meyers & Co., 170 W. 2d St., Cincinnati, O.	
	Emerson, Smith & Co., Ltd., Beaver Falls, Pa.	
	J. A. Fay & Egan Co., Cincinnati, O.	
	Frank Machinery Co., Buffalo, N. Y.	
	Millers Falls Co., Millers Falls, Mass.	
	C. B. Rogers & Co., Norwich, Conn.	
	Seneca Falls Mfg. Co., Seneca Falls, N. Y.	
	Shipman Mfg. Co., Rochester, N. Y.	
	H. B. Smith Machine Co., Smithville, N. J.	
	Trump Bros. Machine Co., Beech St., Wilmington, Del.	
	Witherby, Rugg & Richardson, Worcester, Mass.	
A. AMATEUR SCROLL SAWS.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.	
	Seneca Falls Mfg. Co., Seneca Falls, N. Y.	
B. SCROLL SAW BLADES.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.	
	Emerson, Smith & Co., Ltd., Beaver Falls, Pa.	
	C. E. Jennings & Co., 79 Reade St., New York.	
1857. SHAPERS, WOOD.	American Wood Working Mach. Co., 141 B'way, New York.	
	Battle Creek Steam Pump Co., Battle Creek, Mich.	
	Bentel & Margedant Co., Hamilton, O.	
	Cordesman Machine Co., 27 Butler St., Cincinnati, O.	
	Frank Machinery Co., Buffalo, N. Y.	
	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.	
	J. S. Graham Machine Co., Rochester, N. Y.	
	Ober Lathe Co., Chagrin Falls, O.	
	L. Power & Co., 20 S. 23d St., Philadelphia, Pa.	
	C. B. Rogers & Co., Norwich, Conn.	
	H. B. Smith Machinery Co., Smithville, N. J.	
A. CUTTER HEADS.	American Wood Working Mach. Co., 141 B'way, New York.	
	J. A. Fay & Egan Co., Cincinnati, O.	
	Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.	
	L. Power & Co., 20 S. 23d St., Philadelphia, Pa.	
	Samuel J. Shimer & Sons, Milton, Pa.	
	H. B. Smith Machine Co., Smithville, N. J.	
B. EXTENSION BASE SHAPERS.	Gould & Eberhardt, Newark, N. J.	
C. FOOT POWER SHAPERS.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.	
D. FRIEZING & SHAPING MACHINES.	J. A. Fay & Egan Co., Cincinnati, O.	
E. SHAPING & EDGE MOULDING MACHINES.	J. A. Fay & Egan Co., Cincinnati, O.	
F. UNIVERSAL SHAPING & TENONING MACHINES.	Mansfield Machine Works, Mansfield, O.	
1858. SHINGLE MILL MACHINERY.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
A. SHINGLE BOLTERS & SAPPERS.	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	W. E. Hill & Co., Kalamazoo, Mich.	
	Lane Mfg. Co., Montpelier, Vt.	*13
	Phoenix Mfg. Co., Eau Claire, Wis.	
	Trevor Mfg. Co., Lockport, N. Y.	
B. SHINGLE JOINTERS.	S. Adams & Son, Rome, N. Y.	
	Bangor Foundry & Machine Co., Bangor, Me.	
	Filer & Stowell Co., Ltd., Milwaukee, Wis.	*8
	Peter Gerlach & Co., Cleveland, O.	

Hinckley & Egery Iron Co., Bangor, Me.
Lane Mfg. Co., Montpelier, Vt. *13
Trevor Mfg. Co., Lockport, N. Y.

C. SHINGLE KNIVES.
Ohio Tool Co., Columbus, O.
A. A. Simonds & Son, Dayton, O.
Taylor, Stiles & Co., Riegelsville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
L. & I. J. White Co., Buffalo, N. Y.

D. SHINGLE MACHINES.
S. Adams & Son, Rome, N. Y.
W. T. Adams Mach. Co., Corinth, Miss.
Bangor Foundry & Machine Co., Bangor, Me.
Brennan & Co., Louisville, Ky.
Buckeye Engine Co., Salem, O.
Butterworth & Lowe, Grand Rapids, Mich.
Carver Cotton Gin Co., East Bridgewater, Mass.
Chase Turbine Mfg. Co., Orange, Mass.
Gates Curtis, Ogdensburg, N. Y.
Curtis & Co. Mfg. Co., 817 N. 2d St., St. Louis, Mo.
Hinckley & Egery Iron Co., Bangor, Me.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
Novelty Iron Works, Dubuque, Iowa.
Perkins & Co., Grand Rapids, Mich.
Trevor Mfg. Co., Lockport, N. Y.

E. SHINGLE MILLS.
Brennan & Co., Louisville, Ky.
De Loach Mill Mfg. Co., Atlanta, Ga.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
S. C. Forsaith Mach. Co., Manchester, N. H.
Joshua Hendy Machine Works, San Francisco, Cal.
Hinckley & Egery Iron Co., Bangor, Me.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt. *13
Trevor Mfg. Co., Lockport, N. Y.
W. J. Young & Co., Inc., Clinton, Iowa.

F. SHINGLE PACKERS.
Brennan & Co., Louisville, Ky.
De Loach Mill Mfg. Co., Atlanta, Ga.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Lane Mfg. Co., Montpelier, Vt. *13
Mitts & Merrill, East Saginaw, Mich.
Trevor Mfg. Co., Lockport, N. Y.

G. SHINGLE PLANERS.
Brennan & Co., Louisville, Ky.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Novelty Iron Works, Dubuque, Iowa.
Trevor Mfg. Co., Lockport, N. Y.

H. SHINGLE SAW FLANGERS.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.

I. SHINGLE SAWING MACHINERY.
Brennan & Co., Louisville, Ky.
Curtis & Co. Mfg. Co., 817 N. 2d St., St. Louis, Mo.
Peter Gerlach & Co., Cleveland, O.
Lane Mfg. Co., Montpelier, Vt. *13
Trevor Mfg. Co., Lockport, N. Y.

J. SHINGLE SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Baldridge & Hogan Saw Co., 7 Vine St., Cincinnati, O.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
R. Hoe & Co., 504 Grand St., New York.
National Saw Co., Newark, N. J.
Pacific Saw Mfg. Co., San Francisco, Cal.
Southern Saw Works, Atlanta, Ga.
Trevor Mfg. Co., Lockport, N. Y.

K. SHINGLING CLAWS.
Wrightsville Hardware Co., Wrightsville, Pa.

1859. SLICKS.
Jas. Swan Co., Seymour, Conn.

1860. TABLE LEG MACHINES.
Merritt Mfg. Co., Lockport, N. Y.

1861. TENONING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
Defiance Machine Works, Defiance, O.
Dutchess Tool Co., Fishkill-on-the-Hudson, N. Y.
J. A. Fay & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.

Houston-Levi Co., Montgomery, Pa.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.
H. B. Smith Machine Co., Smithville, N. J.
Witherby, Rugg & Richardson, Worcester, Mass.
S. A. Woods Machine Co., South Boston, Mass.

A. CABINET TENONING MACHINES. J. A. Fay & Egan Co., Cincinnati, O.

B. CAR TENONING MACHINES. J. A. Fay & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
C. B. Rogers & Co., Norwich, Conn.

C. HAND POWER TENONERS. W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.

D. SPOKE TENONING MACHINES. E. C. Stearns & Co., Syracuse, N. Y.

E. TENONING KNIVES. J. A. Fay & Egan Co., Cincinnati, O.
C. B. Rogers & Co., Norwich, Conn.
A. A. Simonds & Son, Dayton, O.
Taylor, Stiles & Co., Riegelsville, N. J.
L. & I. J. White Co., Buffalo, N. Y.

1862. TIMBER DRESSERS. Berlin Machine Works, Beloit, Wis.

1863. TIMBER GAINING MACHINES.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.
J. A. Fay & Egan Co., Cincinnati, O.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
C. B. Rogers & Co., Norwich, Conn.

1864. TIMBER SIZERS. American Wood Working Mach. Co., 141 B'way, New York.

1865. TONGUING & GROOVING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Frank Machinery Co., Buffalo, N. Y.
Goodell & Waters, 3101 Chestnut St., Philadelphia, Pa.
Morgan Machine Co., Rochester, N. Y.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

1866. UNIVERSAL WOOD WORKERS.
Baker Bros., Toledo, O.
Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., 27 Butler St., Cincinnati, O.
Cordesman, Meyers & Co., 170 W. 2d St., Cincinnati, O.

1867. VARNISHING MACHINES.
Chas. E. Francis & Bro., Cincinnati, O.

1868. VENEER MACHINES.

A. VENEER CLIPPING MACHINES. Coe & Wilkes, Painesville, O.
Trevor Mfg. Co., Lockport, N. Y.

B. VENEER CUTTING MACHINES. Du Quoin Iron Works Co., Du Quoin, Ill.
Farrell Foundry & Machine Co., Ansonia, Conn.
Merritt Mfg. Co., Lockport, N. Y.
Michigan Iron Works, Grand Rapids, Mich.
Wm. T. Powers & Son, Grand Rapids, Mich.
Trevor Mfg. Co., Lockport, N. Y.

C. VENEER CUTTING MACHINES, ROTARY. Coe & Wilkes, Painesville, O.

D. VENEERING SAWS. American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
R. Hoe & Co., 504 Grand St., New York.
National Saw Co., Newark, N. J.

E. VENEER KNIVES. E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
John Loyd, 562 Water St., New York.
A. A. Simonds & Son, Dayton, O.
Taylor, Stiles & Co., Riegelsville, N. J.
L. & I. J. White & Co., Buffalo, N. Y.

F. VENEER PRESSES. Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
Michigan Iron Works, Grand Rapids, Mich.
Wm. T. Powers & Son, Grand Rapids, Mich.
Watson-Stillman Co., 210 E. 43d St., New York.

G. VENEER PRESSURE ROLLS. Coe & Wilkes, Painesville, O.

H. VENEER SAW MILLS. R. Hoe & Co., 504 Grand St., New York.
Palmer, Parker & Co., 133 Portland St., Boston, Mass.

1869. WOOD BENDING MACHINES.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

A. COFFIN BENDING FORMS. Chattanooga Machinery Co., Chattanooga, Tenn.

1870. WOOD POLISHING MACHINES.
American Wood Working Mach. Co., 141 B'way, New York.
Berlin Machine Works, Beloit, Wis.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.

GENERAL.

1871. ACCUMULATORS, HYDRAULIC.
Boomer & Boschert Press Co., Syracuse, N. Y.
Davenport Foundry & Machine Co., Davenport, Iowa.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Phila. Roll & Mach. Co., 23d St. & Wash'n Av., Phila., Pa.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Wm. Sellers & Co., 1600 Hamilton St., Philadelphia, Pa.
T. M. E. Shaw, 915 Ridge Av., Philadelphia, Pa.
William Tod & Co., Youngstown, O.
Watson-Stillman Co., 210 E. 43d St., New York.

1872. ADDRESSING MACHINES.
Rapid Addressing Machine Co., 314 Broadway, New York.

1873. ADZES.
American Axe & Tool Co., Pittsburg, Pa.
G. W. Bradley's Sons, Westport, Conn.
Collins Co., Collinsville, Conn.
Findlay Axe & Tool Co., Findlay, O.
Frankfort Handle Mfg. Co., Frankfort, Ind.
Ohio Tool Co., Columbus, O.
Fred. W. Peck, Cohoes, N. 1.
Fayette R. Plumb, Tucker & James Sts., Phila., Pa.
Sherman & Co., Belfast, Me.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
United States Edge Tool Co., Cattaraugus, N. Y.
L. & I. J. White & Co., Buffalo, N. Y.

1874. AGITATING MACHINES FOR LIQUIDS.
J. H. Day & Co., Harrison Av., Cincinnati, O.

1875. AMMONIA COMPRESSORS.
Edward P. Allis Co., Milwaukee, Wis.
Crescent Iron Works, Springfield, Mo.

1876. ANILINE MACHINERY. Townsend Furnace & Machine Shop Co., Albany, N. Y.

1877. ANVILS.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Cahill, Swift & Co., 408 N. 4th St., St. Louis, Mo.
Chicago Scale Co., 292 W. Jackson Boulevard, Chicago, Ill.
Eagle Anvil Works, Trenton, N. J.
Fisher & Morris, Trenton, N. J.
Fulton Iron & Engine Works, Detroit, Mich.
Hay-Budden Mfg. Co., 254 N. Henry St., Brooklyn, N. Y.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Henry F. Jenks, Pawtucket, R. I.
Van Wagoner & Williams Hdw. Co., 14 Warren St., N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

A. COMBINED ANVIL & VISE. Joseph Allen, Palmyra, N. Y.
Foos Mfg. Co., Springfield, O.
Fulton Iron & Engine Works, Detroit, Mich.
Richardson Mfg. Co., Worcester, Mass.

B. COMBINED ANVIL, VISE & DRILL. A. L. Adams, Cedar Rapids, Iowa.

C. PLOW ANVILS. Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

1878. ARMATURE DISK TOOLS.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.

1879. ASH HANDLING MACHINERY.
Jeffrey Mfg. Co., Columbus, O.

1880. ASPHALT ROLLERS, STEAM.
Buffalo-Pitts Co., Buffalo, N. Y.

1881. ATTRITION MILLS. Foos Mfg. Co., Springfield, O.

1882. AUGERS.

A. CARPENTERS' AUGERS. De Witt & Morrison, Darby, Pa.
Hamden Mfg. Co., Hamden, Conn.
Humphreyville Mfg. Co., Seymour, Conn.
Irwin Auger Bit Co., Wilmington, O.
C. E. Jennings & Co., 79 Reade St., New York.
Lehr Agricultural Co., Fremont, O.
Ohio Tool Co., Columbus, O.
Snell Mfg. Co., Fiskdale, Mass.
Jas. Swan Co., Seymour, Conn.

B. CAST STEEL AUGERS. Chester Mfg. Co., Chester, Conn.
Amos H. & J. S. Deuse, Chester, Conn.

	Snell Mfg. Co., Fiskdale, Mass.
C. EYE AUGERS.	Irwin Auger Bit Co., Wilmington, O.
	C. E. Jennings & Co., 79 Reade St., New York.
D. HOLLOW AUGERS.	F. H. Beecher, Seymour, Conn.
	Irwin Auger Bit Co., Wilmington, O.
	Silver Mfg. Co., Salem, O.
	E. C. Stearns & Co., Syracuse, N. Y.
	Jas. Swan Co., Seymour, Conn.
E. HOLLOW AUGERS, EXPANSIVE.	C. E. Jennings & Co., 79 Reade St., New York.
F. MILLWRIGHTS' AUGERS.	Irwin Auger Bit Co., Wilmington, Iowa.
	C. E. Jennings & Co., 79 Reade St., New York.
G. NUT AUGERS.	F. H. Beecher, Seymour, Conn.
	Ford Bit Co., Holyoke, Mass.
H. POST AUGERS.	Snell Mfg. Co., Fiskdale, Mass.
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
I. RING AUGERS.	F. H. Beecher, Seymour, Conn.
J. SHIP AUGERS.	Ford Bit Co., Holyoke, Mass.
	C. E. Jennings & Co., 79 Reade St., New York.
	Thos. Laughlin Co., Portland, Me.
	Snell Mfg. Co., Fiskdale, Mass.
K. SHIP TREENAIL AUGERS.	C. Drew & Co., Kingston, Mass.
	Irwin Auger Bit Co., Wilmington, Iowa.
	C. E. Jennings & Co., 79 Reade St., New York.
L. SPOKE AUGERS.	Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
M. TAPER AUGERS.	E. C. Stearns & Co., Syracuse, N. Y.
1883. AWLS.	New England Awl & Needle Co., West Medway, Mass.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Jas. Swan Co., Seymour, Conn.
A. BELT AWLS.	Billings & Spencer Co., Hartford, Conn.
	Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
	Krauter Co., Newark, N. J.
	Tuck Mfg. Co., Brockton, Mass.
B. BRAD AWLS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Des Moines Saddlery Co., Des Moines, Iowa.
	C. S. Osborne & Co., Newark, N. J.
	Sandusky Tool Co., Sandusky, O.
	Stanley Rule Level Co., New Britain, Conn.
	Union Hardware Co., Torrington, Conn.
C. CARPENTERS' AWLS.	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
D. CARPET AWLS.	Des Moines Saddlery Co., Des Moines, Iowa.
	C. S. Osborne & Co., Newark, N. J.
E. CHAIR AWLS.	Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
F. ICE AWLS.	H. M. Norton & Co., Chester, Conn.
G. MACHINE AWLS.	A. H. Smith & Co., New Haven, Conn.
H. MACHINISTS' AWLS.	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
I. MARKING AWLS.	Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	H. M. Norton & Co., Chester, Conn.
J. SCRATCH AWLS.	Brown & Sharpe Mfg. Co., Providence, R. I.
	L. M. Devore & Co., Freeport, Ill.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent Mfg. Co., 8 Bible House, New York.
	Stanley Rule & Level Co., New Britain, Conn.
	Tuck Mfg. Co., Brockton, Mass.
	Union Hardware Co., Torrington, Conn.
	West Mfg. Co., Buffalo, N. Y.
	Williams & Marvin, Deep River, Conn.
K. SEATING AWLS.	Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
L. SEWING AWLS.	Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
	A. H. Smith & Co., New Haven, Conn.
M. STABBING AWLS.	Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
	A. H. Smith & Co., New Haven, Conn.
1884. AXE FACTORY MACHINERY.	
	Jenkins & Lingle, Bellefonte, Pa.
1885. AXES.	American Axe & Tool Co., Pittsburg, Pa.
	Bangor Edge Tool Co., 113 Exchange St., Bangor, Me.
	G. W. Bradley's Sons, Westport, Conn.
	Carter & Co., Scranton, Pa.
	Collins Co., Collinsville, Conn.
	Emerson & Stevens Mfg. Co., Oakland, Me.
	Findlay Axe & Tool Co., Findlay, O.
	C. Hammond & Son, Ogontz, Pa.
	Harding Edge Tool Co., Newark, N. J.
	Henry Knickerbacker, Ballston Spa, N. Y.
	Lane & Gale, Troy, N. Y.

North Wayne Tool Co., Hallowell, Me.
Ohio Tool Co., Columbus, O.
Fred. W. Peck, Cohoes, N. Y.
Fayette R. Plumb, Tucker & James, Philadelphia, Pa.
Oscar S. Rixford, East Highgate, Vt.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
L. & I. J. White Co., Buffalo, N. Y.

A. BOYS' AXES. Peck, Stow & Wilcox Co., Southington, Conn.

1886. AXLE FINISHING MACHINES.
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.

A. AXLE CUTTERS. Butterfield & Co., Derby Line, Vt.
Holroyd & Co., Waterford, N. Y.

B. AXLE SETTERS. Wells Bros. & Co., Greenfield, Mass.

1887. BABBITTING MACHINES.
J. A. Fay & Egan Co., Cincinnati, O.
Noah Shaw & Co., Eau Claire, Wis.

1888. BAGGING MACHINES. Advance Thresher Co., Battle Creek, Mich.
Robt. Poole & Son Co., Baltimore, Md.

1889. BAKERS' MACHINERY & TOOLS.
Crandall & Godley, 157 Franklin St., New York.
J. H. Day & Co., Harrison Av. & Bogan St., Cincinnati, O.
Fowler & Rockwell, 9 Elizabeth St., New York.
Wm. Hart, 34 Catharine St., New York.
McDowell Oven Co., 121 Havenhill St., Boston, Mass.
Edwin Prescott, 8 Medford St., Boston, Mass.
Roth-McMahon Co., 121 S. Clinton St., Chicago, Ill.
J. W. Ruger Mfg. Co., Buffalo, N. Y.

1890. BALE FORMERS, POWER.
Toledo Machine & Tool Co., Toledo, O.

1891. BARBERS' CLIPPERS. Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Flexible Shaft Co., 158 Huron St., Chicago, Ill.
Coates Clipper Mfg. Co., Worcester, Mass.
Edward S. Hotchkiss, Bridgeport, Conn.
Reinhardt & Co., 72 Stagg St., Brooklyn, N. Y.

1892. BARB WIRE MACHINES.
Bates Machine Co., Joliet, Ill.
Stover Mfg. Co., Freeport, Ill.

1893. BARK SPUDS. Carter & Co., Scranton, Pa.
L. & I. J. White Co., Buffalo, N. Y.

1894. BARREL FILLERS. Cleveland Steam Gauge Co., Cleveland, O.

1895. BARREL PACKERS. Hersey Mfg. Co., South Boston, Mass.
Progressive Iron Wks., 255 Greenpoint Av., Brooklyn, N. Y.
Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.

1896. BARS.

A. CLAW BARS. Aetna-Standard Iron & Steel Co., Bridgeport, O.
Atha Tool Co., Newark, N. J.
Detroit Steel & Spring Co., Detroit, Mich.
Thos. Laughlin Co., Portland, Me.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.

B. CROW BARS. Atha Tool Co., Newark, N. J.
Collins Co., Collinsville, Conn.
Cumberland Steel & Tin Plate Works, Cumberland, Ind.
Dickson Mfg. Co., Scranton, Pa.
Abner Doble Co., San Francisco, Cal.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
Sweets Mfg. Co., Syracuse, N. Y.
Troy Steel Co., Troy, N. Y.

C. PINCH BARS. Cleveland Axle Mfg. Co., Cleveland, O.
Collins Co., Collinsville, Conn.
Iron City Tool Works, Pittsburg, Pa.
Thornburgh-Creel Co., 241 S. Jefferson St., Chicago, Ill.
Troy Steel Co., Troy, N. Y.
Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.

D. PUDDLERS' BARS. Minnesota Iron & Steel Co., Minneapolis, Minn.
Pottstown Iron Co., Pottstown, Pa.

E. WEDGE BARS. Cleveland Axle Mfg. Co., Cleveland, O.

1897. BASKET MACHINERY. Merritt Mfg. Co., Lockport, N. Y.
Norwood Engineering Co., Florence, Mass.

1898. BED FEATHER MACHINERY.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.

1899. BED KEYS. Van Wagoner & Williams Hardware Co., Cleveland, O.

1900. BELLOWS.

A. BLACKSMITHS' BELLOWS. T. B. Bickerton, 23 N. 6th St., Philadelphia, Pa.
Bullock Bellows Co., Cleveland, O.
California Bellows Mfg. Co., San Francisco, Cal.
F. Christen & Son, 1320 Biddle St., St. Louis, Mo.

	Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
	J. W. Paxson Co., N. Delaware Av., Philadelphia, Pa.
	Geo. M. Scott, Johnson & W. 22d Sts., Chicago, Ill.
	Thomas Woodason, 2900 D St., Philadelphia, Pa.
B. FOOT BELLOWS.	E. P. Reichhelm & Co., 23 John St., New York.
C. FOUNDRY BELLOWS.	J. W. Paxson Co., N. Delaware Av., Philadelphia, Pa.
	J. D. Smith Foundry Sup. Co., 2134 Central Av., Cincin., O.
D. HAND BELLOWS.	Hamilton Mfg. Co., Two Rivers, Wis.
E. INSECT POWDER BELLOWS.	Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
	Thos. W. Houchin Co., 67 Park Place, New York.
	Parks & Parks, Troy, N. Y.
	Paxton Hardware Mfg. Co., Paxton, Ill.
	Thomas Woodason, 2900 D St., Philadelphia, Pa.
F. MINERS' BELLOWS.	Bullock Bellows Co., Cleveland, O.
G. MOULDERS' BELLOWS.	Bullock Bellows Co., Cleveland, O.
	Joseph J. Churchyard, 648 Clinton St., Buffalo, N. Y.
	S. Obermayer Co., Cincinnati, O.
	Thomas Woodason, 2900 D St., Philadelphia, Pa.
H. PORTABLE FORCE BELLOWS.	Thomas Woodason, 2900 D St., Philadelphia, Pa.
I. PRINTERS' BELLOWS.	Hamilton Mfg. Co., Two Rivers, Wis.
J. SPRAYING BELLOWS.	Thomas Woodason, 2900 D St., Philadelphia, Pa.
K. SQUARE BELLOWS.	Athol Machine Co., Athol, Mass.
1901. BELT CUTTERS.	C. A. Luther & Co., Pawtucket, R. I.
1902. BELT LACING MACHINES.	
	Diamond Drill & Mach. Co., Birdsboro, Pa.
1903. BENCH HOOKS.	Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
	Dicke Tool Co., Downers Grove, Ill.
	J. H. Hoague, Chicopee, Mass.
	Ohio Tool Co., Columbus, O.
	Seymour Smith & Son, Oakville, Conn.
	E. C. Stearns & Co., Syracuse, N. Y.
	Stover Mfg. Co., Freeport, Ill.
	Sam'l C. Tatum Co., Water & John Sts., Cincinnati, O.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
1904. BENCH SCREWS.	R. Bliss Mfg. Co., Pawtucket, R. I.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Ohio Tool Co., Columbus, O.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Sandusky Tool Co., Sandusky, O.
	E. C. Stearns & Co., Syracuse, N. Y.
	J. H. Sternberger & Son, Reading, Pa. *33
1905. BEVELS.	Athol Machine Co., Athol, Mass.
	Standard Tool Co., Athol, Mass.
	Stanley Rule & Level Co., New Britain, Conn.
	L. S. Starrett Co., Athol, Mass.
A. COMBINATION BEVELS.	Sawyer Tool Co., Athol, Mass.
	L. S. Starrett Co., Athol, Mass.
B. SHIP CARPENTERS' BEVELS.	H. Chapin's Sons Co., Pine Meadow, Conn.
1906. BICYCLE MACHINERY.	
	Garvin Machine Co., Spring & Varick Sts., New York.
	E. S. Stiles Press Co., Watertown, N. Y.
A. BICYCLE DRILLING MACHINERY.	Bickford Drill & Tool Co., Cincinnati, O.
	Norwood Bicycle Co., 62 Plum St., Cincinnati, O.
B. BICYCLE SPOKE HEADING MACHINES.	Blake & Johnson, Waterbury, Conn.
C. BICYCLE SPOKE THREADING MACHINES.	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
D. BICYCLE WHEEL TRUEING MACHINES.	Norwood Bicycle Co., 62 Plum St., Cincinnati, O.
E. SPROCKET WHEEL CUTTERS.	L. S. Starrett Co., Athol, Mass.
1907. BIT BRACE DRILLS.	Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
	Cleveland Twist Drill Co., Cleveland, O.
	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	Standard Tool Co., Cleveland, O.
	Syracuse Twist Drill Co., Syracuse, N. Y.
A. BELL HANGERS' DRILLS.	Morse Twist Drill & Mach. Co., New Bedford, Mass.
	Syracuse Twist Drill Co., Syracuse, N. Y.
1908. BIT BRACES.	H. S. Bartholomew, Bristol, Conn.
	A. H. Brown & Co., New Haven, Conn.
	Butterfield & Co., Derby Line, Vt.
	S. W. Card Mfg. Co., Mansfield, Mass.
	Chantrell Tool Co., Reading, Pa.

Du Mont Tool Co., 63 Chandler St., Buffalo, N. Y.
John S. Fray & Co., Bridgeport, Conn.
J. H. Hoague, Chicopee, Mass.
H. H. Mayhew & Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Smith & Egge Mfg. Co., Bridgeport, Conn.
J. Barton Smith Co., N. 4th & Somerset Sts., Phila., Pa.
Standard Tool Co., Cleveland, O.
Wells Bros. & Co., Greenfield, Mass.

1909. BITS.

American Steel & Wire Co., Havemeyer Bldg., New York.
Battle Creek Co., Battle Creek, Mich.
F. H. Beecher, Seymour, Conn.
C. E. Jennings & Co., 79 Reade St., New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
H. H. Mayhew & Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
H. M. Norton & Co., Chester, Conn.
Racine General Mfg. Co., Racine, Wis. *2
Standard Tool Co., Cleveland, O.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.

A. AUGER BITS.

Bridgeport Gun Implement Co., Bridgeport, Conn.
Chester Mfg. Co., Chester, Conn.
Connecticut Valley Mfg. Co., Centerbrook, Conn.
Amos H. & J. S. Deuse, Chester, Conn.
De Witt & Morrison, Darby, Pa.
Ford Bit Co., Holyoke, Mass.
Hamden Mfg. Co., Hamden, Conn.
Humphreyville Mfg. Co., Seymour, Conn.
Irwin Auger Bit Co., Wilmington, O.
C. E. Jennings & Co., 79 Reade St., New York.
Ohio Tool Co., Columbus, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Snell Mfg. Co., Fiskdale, Mass.
E. C. Stearns & Co., Syracuse, N. Y.

B. BLUE TWISTED BITS.

Connecticut Valley Mfg. Co., Centrebrook, Conn.

C. CAR BITS.

Ford Bit Co., Holyoke, Mass.
Irwin Auger Bit Co., Wilmington, O.
Ohio Tool Co., Columbus, O.

D. EXPANSION BITS.

R. H. Brown & Co., New Haven, Conn.
Connecticut Valley Mfg. Co., Centrebrook, Conn.
C. E. Jennings & Co., 79 Reade St., New York.
Jas. Swan Co., Seymour, Conn.
Tower & Lyon, 95 Chambers St., New York.

E. GERMAN BITS.

Jas. Swan Co., Seymour, Conn.

F. PLUG BITS.

Sam'l C. Tatum Co., Water & John Sts., Cincinnati, O.

G. SCREW DRIVER BITS.

Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
Connecticut Valley Mfg. Co., Centrebrook, Conn.
Humason & Beckley Mfg. Co., New Britain, Conn.
Irwin Auger Bit Co., Wilmington, O.
C. E. Jennings & Co., 79 Reade St., New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Kraeuter Co., Newark, N. J.
H. H. Mayhew & Co., Shelburne Falls, Mass.
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Ohio Tool Co., Columbus, O.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., Cleveland, O.
Jas. Swan Co., Seymour, Conn.
Syracuse Twist Drill Co., Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, I

1910. BLACKSMITHS' TOOLS.

Anderson, Du Puy & Co., Pittsburg, Pa.
Atha Tool Co., Newark, N. J.
Butterfield & Co., Derby Line, Vt.
Henry Cheney Hammer Co., Little Falls, N. Y.
Chicago Scale Co., 292 Jackson Boulevard, Chicago, Ill.
Columbus Mfg. Co., Columbus, O.
Abner Doble Co., San Francisco, Cal.
Fairbanks Co., 311 Broadway, New York.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
Foos Mfg. Co., Springfield, O.
S. C. Forsaith Mach. Co., Manchester, N. H.

C. Hammond & Son, Ogontz, Pa.
Henry H. Harvey, 105 High St., Boston, Mass.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Heller & Bros., Newark, N. J.
Holroyd & Co., Waterford, N. Y.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Iron City Tool Works, Ltd., Pittsburg. Pa.
Kimley Iron & Machine Co., Canton, Mass.
J. M. King & Co., Waterford, N. Y.
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Jacob Oldendorph, Waterloo, Ill.
Racine Malleable & Wrought Iron Co., Racine, Wis.
E. C. Stearns & Co., Syracuse, N. Y.
Sutton Bros. & Bell, Indiana, Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
M. R. Warner & Son, Cromwell, Conn.
Wells Bros. & Co., Greenfield, Mass.
Wheeling Hinge Co., Wheeling, W. Va.
Wiley & Russell Mfg. Co., Greenfield, Mass.

1911. BLADES.
Dexter Harrington & Son, 40 Bond St., Southbridge, Mass.

1912. BLAST FURNACE MACHINERY.
Morgan Engineering Co., Alliance, O.

1913. BLOWERS.
American Gas Furnace Co., 23 John St., New York.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Giblin & Co., Utica, N. Y.
Manhattan Mach. Co., 95 Liberty St., New York. *14
Nordyke & Marmon Co., Indianapolis, Ind.
P H. & F. M. Roots & Co., Connersville, Ind.

A. AIR MOVING MACHINERY.
American Blower Co., Detroit, Mich.
U. Baird Machinery Co., Pittsburg, Pa.
Buffalo Forge Co., Buffalo, N. Y.
Cahill, Swift Co., St. Louis, Mo.
Exeter Machine Works, Exeter, N. H.
S. C. Forsaith Mach. Co., Manchester, N. H.
W. T. Garratt Co., San Francisco, Cal.
Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
Howard & Morse, 45 Fulton St., New York.
National Blower Works, Milwaukee, Wis.
David H. Potts, Lancaster, Pa.
B. F. Sturtevant Co., Boston, Mass.
Unadilla Machine Works, Unadilla, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. BLAST BLOWERS.
American Gas Furnace Co., 23 John St., New York.
Buffalo Forge Co., Buffalo, N. Y.
Manhattan Mach. Co., 95 Liberty St., New York. *14
National Blower Works, Milwaukee, Wis.
P. H. & F. M. Roots Co., Connersville, Ind.
B F. Sturtevant Co., Boston, Mass.

C. BLAST ENGINES.
Dickson Mfg. Co., Scranton, Pa.
Macintosh, Hemphill & Co., Ltd., Pittsburg, Pa.
Manhattan Mach. Co., 95 Liberty St., New York. *14
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Rarig Engineering Co., Columbus, O.
Southwark Foundry & Machine Co., Wash'n Av., Phila, Pa.
Wm. Tod & Co., Youngstown, O.
Weimer Machine Works Co., Lebanon, Pa.

D. BLAST GATES.
American Blower Co., Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
National Blower Works, Milwaukee, Wis.
B. F. Sturtevant Co., Boston, Mass.

E. BLOWING ENGINES.
Edward P. Allis Co., Milwaukee, Wis.
American Blower Co., Detroit, Mich.
Geo. F. Blake Mfg. Co., 93 Liberty St., New York.
Buckeye Engine Co., Salem, O.
Clayton Air Compressor Wks., 26 Cortlandt St., New York.
Dickson Mfg. Co., Scranton, Pa.
Knowles Steam Pump Works, Warren, Mass.
Manhattan Mach. Co., 95 Liberty St., New York. *14
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Phila. Engineering Wks., Ltd., Miffin St., Phila., Pa.
P. H. & F. M. Roots Co., Connersville, Ind.
Southwark Foundry & Machine Co., Wash'n Av., Phila, Pa.
B. F. Sturtevant Co., Boston, Mass.
William Tod & Co., Youngstown, O.

	Weimer Machine Works Co., Lebanon, Pa.
	F. C. Wells Steam Pump Wks.; S. Clinton St., Chicago, Ill.
F. BRAZING BLOWERS.	P. H. & F. M. Roots Co., Connersville, Ind.
G. CHAIN PULLEY BLOWERS.	Alfred Box & Co., 813 N. Front St., Philadelphia, Pa.
	Buffalo Forge Co., Buffalo, N. Y.
H. CHURCH ORGAN BLOWERS.	Backus Water Motor Co., Newark, N. J.
	Boston Blower Co., Hyde Park, Mass.
	Chas. Forschner & Sons, 206 E. 19th St., New York.
I. CRANK BLOWERS.	Champion Blower & Forge Co., Lancaster, Pa.
	David H. Potts, Lancaster, Pa.
J. CUPOLA BLOWERS.	American Blower Co., Detroit, Mich.
	Buffalo Forge Co., Buffalo, N. Y.
	National Blower Works, Milwaukee, Wis.
	P. H. & F. M. Roots Co., Connersville, Ind.
	B. F. Sturtevant Co., Boston, Mass.
K. ELECTRIC BLOWERS.	Buffalo Forge Co., Buffalo, N. Y.
	Sprague Electric Co., 20 Broad St., New York.
L. EXHAUST BLOWERS.	P. H. & F. M. Roots Co., Connersville, Ind.
M. FAN BLOWERS.	American Blower Co., Detroit, Mich.
	Buffalo Forge Co., Buffalo, N. Y.
	Champion Blower & Forge Co., Lancaster, Pa.
	Geo. S. Comstock, Mechanicsburg, Pa.
	Empire Forge Co., Lansingburg, N. Y.
	Foos Mfg. Co., Springfield, O.
	Manhattan Mach. Co., 95 Liberty St., New York. *14
	National Blower Works, Milwaukee, Wis.
	David H. Potts, Lancaster, Pa.
	B. F. Sturtevant Co., Boston, Mass.
N. FOOT BLOWERS.	Buffalo Dental Mfg. Co., 587 Main St., Buffalo, N. Y.
O. FORGE BLOWERS.	American Blower Co., Detroit, Mich.
	American Gas Furnace Co., 23 John St., New York.
	Buffalo Forge Co., Buffalo, N. Y.
	Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	National Blower Works, Milwaukee, Wis.
	P. H. & F. M. Roots Co., Connersville, Ind.
	B. F. Sturtevant Co., Boston, Mass.
P. FUR BLOWERS.	Peck Mfg. Co., Danbury, Conn.
Q. HAND BLOWERS.	Buffalo Forge Co., Buffalo, N. Y.
	Champion Blower & Forge Co., Lancaster, Pa.
	Empire Forge Co., Lansingburg, N. Y.
	Fairbanks Co., 311 Broadway, New York.
	Foos Mfg. Co., Springfield, O.
	P. H. & F. M. Roots Co., Connersville, Ind.
	Star Forge Co., Buffalo, N. Y.
	B. F. Sturtevant Co., Boston, Mass.
	Vulcan Iron Works, Wilkes-Barre, Pa.
R. HOT-BLAST APPARATUS.	American Blower Co., Detroit, Mich.
	Buffalo Forge Co., Buffalo, N. Y.
	Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	National Blower Works, Milwaukee, Wis.
	B. F. Sturtevant Co., Boston, Mass.
S. JET BLOWERS.	Dickson Mfg. Co., Scranton, Pa.
	Hancock Inspirator Co., Boston, Mass.
	Vulcan Iron Works, Wilkes-Barre, Pa.
T. LAUNDRY BLOWERS.	American Blower Co., Detroit, Mich.
U. MINING BLOWERS.	Buffalo Forge Co., Buffalo, N. Y.
	Dickson Mfg. Co., Scranton, Pa.
	B. F. Sturtevant Co., Boston, Mass.
V. PISTON BLOWERS.	Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
W. POSITIVE BLOWERS.	American Gas Furnace Co., 23 John St., New York.
	Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
	P. H. & F. M. Roots Co., Connersville, Ind.
X. POWDER BLOWERS.	Davol Rubber Co., Providence, R. I.
	Fairbanks Co., 311 Broadway, New York.
	Foos Mfg. Co., Springfield, O.
	McClave, Brooks & Co., Scranton, Pa.
Y. PRESSURE BLOWERS.	American Blower Co., Detroit, Mich.
	American Gas Furnace Co., 23 John St., New York.
	Buffalo Forge Co., Buffalo, N. Y.
	Champion Blower & Forge Co., Lancaster, Pa.
	Connersville Blower Co., Connersville, Ind.
	Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	National Blower Works, Milwaukee, Wis.

P. H. & F. M. Roots Co., Connersville, Ind.
B. F. Sturtevant Co., Boston, Mass.
Wilbraham-Baker Blower Co., 2518 Frankford Av., Phila., Pa.

Z. ROTARY BLOWERS. P. H. & F. M. Roots Co., Connersville, Ind.

1914. BLOWPIPE APPARATUS.

Buffalo Dental Mfg. Co., Buffalo, N. Y.
S. Hawbridge, Hoboken, N. J.
National Blower Works, Milwaukee, Wis.
Providence Gas Burner Co., Providence, R. I.
E. P. Reichhelm & Co., 23 John St., New York.
J. Elliott Shaw & Co., 632 Arch St., Philadelphia, Pa.

A. BRAZING BLOWPIPES. Buffalo Dental Mfg. Co., Buffalo, N. Y.

B. GASOLINE BLOWPIPES. Turner Brass Works, 122 E. Kinzie St., Chicago, Ill.

C. JEWELERS' BLOWPIPES. Buffalo Dental Mfg. Co., Buffalo, N. Y.
Providence Gas Burner Co., Providence, R. I.

1915. BOILER CLEANERS. Barnum Bros. Co., Troy, N. Y.
J. F. Hotchkiss, 110 Liberty St., New York.
Wm. L. Oakes, Decatur, Ill.
Sherwood Mfg. Co., Buffalo, N. Y.

1916. BOILER MAKERS' TOOLS.

Albany Steam Trap Co., Albany, N. Y.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Jas. B. Clow & Sons, Inc., Lake & Franklin Sts., Chicago, Ill.
Crescent Mfg. Co., Cleveland, O.
Thos. H. Dallett & Co., York St. & Sedgley Av., Phila., Pa.
Richard Dudgeon, 24 Columbia St., New York.
Hilles & Jones, Wilmington, Del.
Pedrick & Ayer Co., 1001 Hamilton Av., Philadelphia, Pa.

1917. BOOKBINDERS' MACHINERY & TOOLS.

Chas. Beck Paper Co., 609 Chestnut St., Philadelphia, Pa.
Franklin Mach. Wks., Inc., 508 Cuthbert St., Phila., Pa.
Thos. Garnar & Co., 181 William St., New York.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
S. C. Rogers & Co., Buffalo, N. Y.
T. W. & C. B. Sheridan, 2 Reade St., New York.
Smyth Mfg. Co., Hartford, Conn.
Edwin B. Stimpson & Son, 31 Spruce St., New York.

A. BACK FORMING MACHINES. Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
T. W. & C. B. Sheridan, 2 Reade St., New York.

B. BACKING MACHINES. W. O. Hickok Mfg. Co., Harrisburg, Pa.
Howard Iron Works, Buffalo, N. Y.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Seybold Machine Co., Dayton, O.
T. W. & C. B. Sheridan, 2 Reade St., New York.

C. BEATING HAMMERS. W. O. Hickok Mfg. Co., Harrisburg, Pa.

D. BENCH BLOCKS. W. O. Hickok Mfg. Co., Harrisburg, Pa.

E. BEVELING MACHINES. Mari A. Cuming, 49 Bleecker St., New York.
Excelsior Sewing Machine Co., 584 Hudson St., New York.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Randall & Co., Cincinnati, O.
John Royle & Sons, Paterson, N. J.
T. W. & C. B. Sheridan, 2 Reade St., New York.

F. BLOCKING PRESSES. W. O. Hickok Mfg. Co., Harrisburg, Pa.
T. W. & C. B. Sheridan, 2 Reade St., New York.

G. BOOKBINDERS' BURNISHERS. W. O. Hickok Mfg. Co., Harrisburg, Pa.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.

H. BOOKBINDERS' GAS STOVES. W. O. Hickok Mfg. Co., Harrisburg, Pa.
S. C. Rogers & Co., Buffalo, N. Y.

I. BOOKBINDERS' KNIVES. A. Hankey & Co., Rochdale, Mass.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Ryerson Machine Knife Works, Boston Highlands, Mass.
A. A. Simonds & Son, Dayton, O.

J. BOOK CLAMPS. T. W. & C. B. Sheridan, 2 Reade St., New York.

K. BOOK COVERING MACHINES. T. W. & C. B. Sheridan, 2 Reade St., New York.

L. BOOK PLANERS. Chambers Bros. Co., Philadelphia, Pa.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
T. W. & C. B. Sheridan, 2 Reade St., New York.

M. BOOK TRIMMERS. W. O. Hickok Mfg. Co., Harrisburg, Pa.
Howard Iron Works, Buffalo, N. Y.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Seybold Machine Co., Dayton, O.
T. W. & C. B. Sheridan, 2 Reade St., New York.

N. CASE BINDING MACHINES. W. O. Hickok Mfg. Co., Harrisburg, Pa.

O. CASE GAUGES. W. O. Hickok Mfg. Co., Harrisburg, Pa.

P. CASE SMOOTHERS. W. O. Hickok Mfg. Co., Harrisburg, Pa.

	T. W. & C. B. Sheridan, 2 Reade St., New York.
Q. CUTTING BOARDS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
R. DIE CUTTERS.	Durand & Co., Inc., Newark, N. J.
	Randall & Co., Cincinnati, O.
	Seelye Mfg. Co., Boston, Mass.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
S. EMBOSSING PRESSES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	Chambers Bros. Co., N. 52d & Lancaster Av., Phila., Pa.
	Colt's Patent Fire-Arms Mfg. Co., Hartford, Conn.
	Cyrus Currier & Sons, Newark, N. J.
	Gordon Press Works, Rahway, N. J.
	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Howard Iron Works, Buffalo, N. Y.
	Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
	F. P. Rosback, 60 S. Canal St., Chicago, Ill.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
	E. S. Stiles Press Co., Watertown, N. Y.
T. FINISHING PRESSES, BOOKBINDERS'.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	S. C. Rogers & Co., Buffalo, N. Y.
U. FINISHING STANDS, BOOKBINDERS'.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Howard Iron Works, Buffalo, N. Y.
V. FINISHING TOOLS, BOOKBINDERS'.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Howard Iron Works, Buffalo, N. Y.
W. FORMING IRONS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Howard Iron Works, Buffalo, N. Y.
X. GAUGE TABLE SHEARS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Seybold Machine Co., Dayton, O.
Y. GILDING PRESSES, BOOKBINDERS'.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
Z. GLOSSING MACHINES.	Chambers Bros. Co., 52d & Lancaster Av., Phila., Pa.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
AA. GOLD CUSHIONS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
BB. GOLD SAVING MACHINES.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
CC. HAND PASTERS.	Mather Mfg. Co., 734 Sansom St., Philadelphia, Pa.
DD. HAND PERFORATORS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Mather Mfg. Co., 734 Sansom St., Philadelphia, Pa.
EE. HAND STRIPPERS.	Howard Bros. Mfg. Co., Worcester, Mass.
FF. INDEX CUTTERS.	F. P. Rosback, 60 S. Canal St., Chicago, Ill.
GG. IRON BENCH BLOCKS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Howard Iron Works, Buffalo, N. Y.
HH. JOINT RODS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
II. LAY-BOYS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
JJ. LAYING PRESSES WITH PLOW.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
KK. LETTERING PALETTES.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
LL. PAGING & NUMBERING MACHINES.	Abbott Machine Co., 84 Van Buren St., Chicago, Ill.
	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
	John McAdams & Sons, 978 Kent Av., Brooklyn, N. Y.
MM. PAPER FEEDING MACHINES.	T. W. & C. B. Sheridan, 2 Reade St., New York.
NN. PAPER FOLDING MACHINES.	Brown Folding Machine Co., Erie, Pa.
	Chambers Bros. Co., N. 52d St. & Lancaster Av., Phila., Pa.
	Duplex Printing Press Co., Battle Creek, Mich.
	John McAdam & Sons, 978 Kent Av., Brooklyn, N. Y.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
	Stonemetz Folder Co., Millbury, Mass.
	Tiley, Pratt & Co., Essex, Conn.
OO. PASTING MACHINES.	Chambers Bros. Co., N. 52d St. & Lancaster Av., Phila., Pa.
PP. PERFORATORS.	Abbott Machine Co., 84 Vanburen St., Chicago, Ill.
	Black & Clawson Co., Hamilton, O.
	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Howard Fdy. & Mach. Wks., 1744 Ludlow St., Phila., Pa.
	Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
QQ. PLANISHED TIN BOARDS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
RR. POWER STRIPPERS.	Chambers Bros. Co., N. 52d St. & Lancaster Av., Phila., Pa.
	Seelye Mfg. Co., Boston, Mass.
	T. W. & C. B. Sheridan, 2 Reade St., New York.
SS. PRESSING BOARDS.	Hamilton Mfg. Co., Two Rivers, Wis.
	W. O. Hickok Mfg. Co., Harrisburg, Pa.
TT. ROTARY BOARD CUTTERS.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Latham Machinery Co., 197 S. Canal St., Chicago, Ill.

Seybold Machine Co., Dayton, O.
T. W. & C. B. Sheridan, 2 Reade St., New York.

UU. ROUND CORNER CUTTERS.
Chambers Bros. Co., N. 52d St. & Lancaster Av., Phila., Pa.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
T. W. & C. B. Sheridan, 2 Reade St., New York.

VV. SAWING MACHINES.
Chambers Bros. Co., N. 52d St. & Lancaster Av., Phila., Pa.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
John Royle & Sons, Inc., Paterson, N. J.
T. W. & C. B. Sheridan, 2 Reade St., New York.

WW. SEWING BENCHES.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

XX. SIGNATURE PRESSES.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Seybold Machine Co., Dayton, O.
T. W. & C. B. Sheridan, 2 Reade St., New York.

YY. SMASHING PRESSES.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
T. W. & C. B. Sheridan, 2 Reade St., New York.

ZZ. STABBING MACHINES.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Howard Iron Works, Buffalo, N. Y.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
F. P. Rosback, 60 S. Canal St., Chicago, Ill.
T. W. & C. B. Sheridan, 2 Reade St., New York.

AAA. STAMPING PRESSES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Chambers Bros. Co., N. 52d St. & Lancaster Av., Phila., Pa.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
T. W. & C. B. Sheridan, 2 Reade St., New York.

BBB. STANDING PRESSES.
Boomer & Bosher Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Howard Iron Works, Buffalo, N. Y.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Seybold Machine Co., Dayton, O.

CCC. STRIKER & LAPPER MACHINES.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

DDD. THREAD STITCHERS.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Smyth Mfg. Co., Hartford, Conn.
Wellman Sole Cutting Machine Co., Medford, Mass.

EEE. TYPE CABINETS.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

FFF. WIRE BINDERS.
Enterprise Mfg. Co. of Pa., 3d & Dauphin Sts., Phila., Pa.
Mather Mfg. Co., 734 Sansom St., Philadelphia, Pa.

GGG. WIRE STITCHERS.
R. & C. Brown & Co., New Haven, Conn.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
J. L. Morrison Co., 60 Duane St., New York.
T. W. & C. B. Sheridan, 2 Reade St., New York.
J. L. Shoemaker & Co., 15 S. 6th St., Philadelphia, Pa.
G. Thompson & Sons, New Haven, Conn.

1918. BOOK SEWING MACHINES.

Singer Mfg. Co., 561 Broadway, New York.
Smyth Mfg. Co., Hartford, Conn.
A. H. Tennis, 34 Union Square, New York.

1919. BOOT & SHOE MACHINERY.

John G. Buzzel & Co., Boston, Mass.
Carver Cotton Gin Co., East Bridgewater, Mass.
Charles S. Fifield & Co., Boston, Mass.
Globe Buffer Co., Boston, Mass.
Goodyear Shoe Machinery Co., Boston, Mass.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Chas. Keighley & Sons, Vineland, N. J.
J. K. Krieg & Co., 39 Warren St., New York.
H. T. Marshall Machinery Co., Brockton, Mass.
Reece Button Hole Machine Co., Boston, Mass.
Ross-Mayer Mfg. Co., Cincinnati, O.
Seelye Mfg. Co., Boston, Mass.
F. M. Stevens & Co., Boston, Mass.
Union Edge Setter Co., Boston, Mass.

A. BEATING OUT MACHINES.
Swain-Fuller Mfg. Co., Boston, Mass.

B. BRUSH SHAFTS.
Swain-Fuller Mfg. Co., Boston, Mass.

C. BUTTON FASTENERS.
Alsdorf & Holmes, Newark, N. J.
Heaton Peninsular Mfg. Co., Providence, R. I.
J. K. Krieg & Co., 39 Warren St., New York.
Mathison Mfg. Co., Boston, Mass.
Trojan Button Fastener Co., Inc., Troy, N. Y.

D. CHANNELLING MACHINES.
J. K. Krieg & Co., 39 Warren St., New York.
Stanley Mfg. Co., Boston, Mass.
Sullivan Machinery Co., 54 N. Clinton St., Chicago, Ill.

E. CRIMPERS.
Buffalo Last Works, Buffalo, N. Y.

	Dunlap Machinery Co., 9 Spruce St., New York.
F. CRIMPING SCREWS.	Buffalo Last Works, Buffalo, N. Y.
	Dunlap Machinery Co., 9 Spruce St., New York.
G. CUTTING BLOCKS, SHOE FACTORY.	Winship Mfg. Co., Racine, Wis.
H. CUTTING NIPPERS.	Frank W. Whitcher & Co., Boston, Mass.
I. EDGE PLANES.	Snell & Atherton, Brockton, Mass.
J. EDGE SETTING MACHINES.	Swain-Fuller Mfg. Co., Boston, Mass.
K. EMBOSSING MACHINES.	J. K. Krieg & Co., 39 Warren St., New York.
	Edwin B. Stimpson & Son, 31 Spruce St., New York.
L. HEEL & EDGE TRIMMING MACHINES.	Charles S. Fifield & Co., Boston, Mass.
	Phoenix Iron Foundry, Providence, R. I.
	Swain-Fuller Mfg. Co., Boston, Mass.
	Tuck Mfg. Co., Brockton, Mass.
	Union Heel Trimmer Co., Boston, Mass.
M. HEEL BEATERS.	McKay Shoe Machinery Co., Boston, Mass.
N. HEEL BURNISHERS.	Geo. W. Emerson & Co., Lynn, Mass.
	O. A. Miller, Brockton, Mass.
	United Shoe Machinery Co., Boston, Mass.
O. HEEL CUTTERS.	Union Heel Trimmer Co., Boston, Mass.
P. HEELING JACKS.	J. K. Krieg & Co., 39 Warren St., New York.
Q. HEEL PRESSES.	Birmingham Iron Foundry, Birmingham, Conn.
	Swain-Fuller Mfg. Co., Boston, Mass.
R. HEEL SCOURERS.	United Shoe Machinery Co., Boston, Mass.
S. HEEL TRIMMERS.	Union Heel Trimmer Co., Boston, Mass.
T. LACING STUD MACHINES.	J. K. Krieg & Co., 39 Warren St., New York.
	E. B. Stimpson & Son, 31 Spruce St., New York.
U. LINING MARKERS.	J. K. Krieg & Co., 39 Warren St., New York.
V. NAILING JACKS.	Buffalo Last Works, Buffalo, N. Y.
	J. K. Krieg & Co., 39 Warren St., New York.
W. ORNAMENTAL MACHINES.	E. B. Stimpson & Son, 31 Spruce St., New York.
X. PEGGING JACKS.	Buffalo Last Works, Buffalo, N. Y.
	Charles S. Fifield & Co., Boston, Mass.
	Whittemore Mfg. Co., Boston, Mass.
Y. ROLLING MACHINES.	Birmingham Iron Foundry, Birmingham, Conn.
	Crandall & Godley, 157 Franklin St., New York.
	Charles S. Fifield & Co., Boston, Mass.
	Seelye Mfg. Co., Boston, Mass.
	Swain-Fuller Mfg. Co., Boston, Mass.
Z. SANDPAPER MACHINES.	J. A. Fay & Egan Co., Cincinnati, O.
	Charles S. Fifield & Co., Boston, Mass.
AA. SEAM RUBBING MACHINES.	Stanley Mfg. Co., Boston, Mass.
	United Shoe Machinery Co., Boston, Mass.
BB. SEWING MACHINE ATTACHMENTS, BOOT AND SHOE.	Reece Button Hole Machine Co., Boston, Mass.
	Whitten, Jones & Co., Lynn, Mass.
CC. SEWING MACHINES, BOOT & SHOE.	Davis Sewing Machine Co., Dayton, O.
	Dunlap Machinery Co., 9 Spruce St., New York.
	Charles S. Fifield & Co., Boston, Mass.
	Goodyear Shoe Machinery Co., Boston, Mass.
	National Machine Co., 561 Broadway, New York.
	National Sewing Machine Co., Boston, Mass.
	Singer Mfg. Co., 561 Broadway, New York.
	Geo. A. Smith Machinery Co., 415 Arch St., Phila., Pa.
	Stanley Mfg. Co., Boston, Mass.
	Swain-Fuller Mfg. Co., Boston, Mass.
	A. H. Tennis, 34 Union Sq., New York.
	Union Spec. Sewing Mach. Co., 60 Michigan St., Chicago, Ill.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
	White Sewing Mach. Co., Cleveland, O.
DD. SHOE BOX TOE MACHINES.	Kimball Bros. & Sprague, Brockton, Mass.
EE. SHOE CUTTING BOARDS & BLOCKS.	Frank W. Whitcher & Co., Boston, Mass.
FF. SHOE FACTORY INK AGITATORS.	J. K. Krieg & Co., 39 Warren St., New York.
GG. SHOE LASTING MACHINES.	Chase Lasting Machine Co., Boston, Mass.
	Rochester Shoe Machinery Co., Rochester, N. Y.
HH. SHOE MOULDING MACHINES.	Buffalo Last Works, Buffalo, N. Y.
	Charles S. Fifield & Co., Boston, Mass.
	Seelye Mfg. Co., Boston, Mass.
	Swain-Fuller Mfg. Co., Boston, Mass.
II. SHOE SHANK MACHINES.	W. A. Sweetser, Brockton, Mass.
	Whittemore Mfg. Co., Boston, Mass.
JJ. SHOE SPLITTING MACHINES.	Seelye Mfg. Co., Boston, Mass.
	Edwin B. Stimpson & Son, 31 Spruce St., New York.

KK.	SIZE STICKS.	Belcher Bros. & Co., Irvington, N. J.
LL.	SOLING MACHINES.	Birmingham Iron Foundry, Birmingham, Conn.
MM.	STAY FOLDING MACHINES.	E. B. Stimpson & Son, 31 Spruce St., New York.
NN.	STRIPPING MACHINES.	Randall & Co., Cincinnati, O. Seelye Mfg. Co., Boston, Mass. Swain-Fuller Mfg. Co., Boston, Mass.
OO.	TOE CAP CORDING MACHINES.	E. B. Stimpson & Son, 31 Spruce St., New York.
PP.	TOE CAP PUNCHING MACHINES.	E. B. Stimpson & Son, 31 Spruce St., New York.
QQ.	TREEING MACHINES.	O. A. Miller, Brockton, Mass.
RR.	TURNING FRAMES.	United Shoe Machinery Co., Boston, Mass.
SS.	UPPER MACHINES.	Birmingham Iron Foundry, Birmingham, Conn.
TT.	VAMP CENTERERS.	United Shoe Machinery Co., Boston, Mass.
UU.	VAMP FOLDING MACHINES.	R. H. Lufkin, Boston, Mass.
VV.	VAMPING MACHINES.	Singer Mfg. Co., 561 Broadway, New York. Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
WW.	VAMP WRINKLING MACHINES.	E. B. Stimpson & Son, 31 Spruce St., New York.
XX.	WAUKENPHAST IMITATION MACHINES.	United Shoe Machinery Co., Boston, Mass.

1920. BOOT & SHOE TOOLS.

		W. F. Bullock, Lynn, Mass. Dexter Harrington & Son, Southbridge, Mass. Wm. H. Horn & Co., 451 N. 3d St., Philadelphia, Pa. Hyde Mfg. Co., Southbridge, Mass. J. K. Krieg & Co., 39 Warren St., New York. Edwin B. Stimpson & Son, 31 Spruce St., New York.
A.	BOOT & SHOE DIES.	Marcus Hanan, 241 Centre St., New York. Hoggson & Pettis Mfg. Co., New Haven, Conn. Geoffry J. Olden, 82 W. Broadway, New York. Seelye Mfg. Co., Boston, Mass.
B.	BOOT & SHOE REPAIRING OUTFITS.	Metal Last & Tree Co., Boston, Mass. Louis Sack, Newark, N. J.
C.	BOOT STAMPS.	J. H. Power & Co., Boston, Mass. Snell & Atherton, Brockton, Mass. E. B. Stimpson & Son, 31 Spruce St., New York. Tuck Mfg. Co., Brockton, Mass. Wilbur Webster, East Jaffrey, N. H. John S. Wheeler, Woburn, Mass.
D.	EDGE SETTER IRONS.	Snell & Atherton, Brockton, Mass.
E.	EDGE TRIMMERS.	United Shoe Machinery Co., Boston, Mass.
F.	HEEL SHAVES.	Snell & Atherton, Brockton, Mass.
G.	IRONING STANDS.	J. K. Krieg & Co., 39 Warren St., New York. Udell Works, Indianapolis, Ind.
H.	LAST BLOCKS, ROUGH TURNED.	Crawford, McGregor & Canby Co., Dayton, O.
I.	LASTS.	Auburn Last Co., South Framingham, Mass. Ball, Dayton & Co., Albany, N. Y. Brockton Last Co., Brockton, Mass. Buffalo Last Works, Buffalo, N. Y. Crawford, McGregor & Canby Co., Dayton, O. Dayton Last Works, Dayton, O. Goodwin Bros., Lynn, Mass. G. W. Miller, Rochester, N. Y. O. A. Miller, Brockton, Mass. Geoffry J. Olden, 82 W. Broadway, New York. Parrett Last Works, 23 Spring St., New York.
J.	LASTS, IRON.	C. H. Ellert, Evansville, Ind. Metal Last & Tree Co., Boston, Mass.
K.	LASTS, RUBBER SHOE.	Auburn Last Co., South Framingham, Mass. Brockton Last Co., Brockton, Mass.
L.	LASTS, STEEL BOTTOM.	Buffalo Last Works, Buffalo, N. Y.
M.	PASTING BLOCKS.	Buffalo Last Works, Buffalo, N. Y.
N.	PATTERN BINDING, METAL.	W. B. White & Son, Boston, Mass.
O.	PATTERNS, BOOT.	John D. Weldon, Haverhill, Mass. W. B. White & Son, Boston, Mass.
P.	PATTERNS, SHOE.	Geoffry J. Olden, 82 W. Broadway, New York. Daniel Pettingill, Haverhill, Mass. Rochester Last, Die & Pattern Works, Rochester, N. Y.
Q.	PATTERNS, SOLE.	Brockton Last Co., Brockton, Mass.
R.	PEGGING AWLS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y. Robt. Clifford & Co., Brockton, Mass. Draper, Williams Mfg. Co., Boston, Mass.

	A. H. Smith & Co., New Haven, Conn.
	Stanley Rule & Level Co., New Britain, Conn.
S. SEWING AWLS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Draper, Williams Mfg. Co., Boston, Mass.
T. SHOE KNIFE BLADES.	Sewing Machine Supplies Co., Boston, Mass.
U. SHOE KNIVES.	Goodell Co., Antrim, N. H.
	C. J. Kimball Co., Bennington, N. H.
	J. K. Krieg & Co., 39 Warren St., New York.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	Meriden Cutlery Co., Meriden, Conn.
	New England Specialty Co., North Easton, Mass.
	John Russell Cutlery Co., Turner's Falls, Mass.
	Snell & Atherton, Brockton, Mass.
	Stanley Mfg. Co., Boston, Mass.
	Tuck Mfg. Co., Brockton, Mass.
	Wilbur Webster, East Jaffrey, N. H.
V. SHOE LACE CUTTERS.	Edwin B. Stimpson & Son, 31 Spruce St., New York.
W. SHOEMAKERS' HAMMERS.	C. Hammond & Son, Ogontz, Pa.
	H. H. Harvey, Boston, Mass.
	C. S. Osborne & Co., Newark, N. J.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
	Frank W. Whitcher & Co., Boston, Mass.
X. SHOEMAKERS' PINCHERS.	William Johnson, Newark, N. J.
	Frank W. Whitcher & Co., Boston, Mass.
Y. SHOE RACKS.	Winship Mfg. Co., Racine, Wis.
Z. SHOE STAMPS.	J. H. Power & Co., Boston, Mass.
AA. SHOE STRETCHERS.	Buffalo Last Works, Buffalo, N. Y.
	Henry F. Jenks, Pawtucket, R. I.
	J. H. Power & Co., Boston, Mass.
	Trojan Button Fastener Co., Inc., Troy, N. Y.
BB. SOLE LEATHER CUTTERS.	A. Burlingame, Worcester, Mass.
	Tuck Mfg. Co., Brockton, Mass.
CC. STRIP CUTTERS.	Edwin B. Stimpson & Son, 31 Spruce St., New York.
DD. WELT TRIMMERS.	Snell & Atherton, Brockton, Mass.
1921. BOTTLERS' MACHINERY.	
	Geo. J. Fritz, St. Louis, Mo.
	Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
	Vilter Mfg. Co., Milwaukee, Wis.
	Witteman Bros., 188 William St., New York.
A. BARREL WASHING MACHINES.	Cleveland Brewers' Supply Co., Cleveland, O.
	G. Schock, 341 E. 59th St., New York.
B. BEER BOTTLING MACHINES.	Model Mfg. Co. of Pa., 197 Huntington St., Phila., Pa.
	Witteman Bros., 188 William St., New York.
C. BOTTLE CAPPERS.	Dicke Tool Co., Downers Grove, Ill.
	Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
D. BOTTLE LABELING MACHINES.	Yawman & Erbe Mfg. Co., Rochester, N. Y.
E. BOTTLE SOAKING & STEAMING TANKS.	Yawman & Erbe Mfg. Co., Rochester, N. Y.
F. BOTTLE TIN FOIL REMOVERS.	Yawman & Erbe Mfg. Co., Rochester, N. Y.
G. BOTTLE WASHERS.	J. H. Day & Co., Cincinnati, O.
	Hoyt Bros. & Co., Lynn, Mass.
	J. Maslin & Son, Jersey City, N. J.
	Peck Bros. & Co., New Haven, Conn.
	S. Twitchell, 225 Vine St., Philadelphia, Pa.
	Witteman Bros., 188 William St., New York.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
H. BOTTLING, CORKING & FILLING MACHINES.	J. H. Day & Co., Cincinnati, O.
	Dicke Tool Co., Downers Grove, Ill.
	Edson Mfg. Co., Boston, Mass.
	C. Hammond & Son, Ogontz, Pa.
	Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
	S. Twitchell, 225 Vine St., Philadelphia, Pa.
	Witteman Bros., 188 William St., New York.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
I. HAND CORKERS.	John Sommer's Son, Newark, N. J.
J. TINFOIL CAPPING MACHINES.	Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
1922. BOW DRILLS.	H. H. Harvey, Boston, Mass.
1923. BOX MACHINERY.	Chase Turbine Mfg. Co., Orange, Mass.
	J. A. Fay & Egan Co., Cincinnati, O.
	S. C. Forsaith Mach. Co., Manchester, N. H.
	E. & B. Holmes Machinery Co., Buffalo, N. Y.
	Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.

Morgan Machine Co., Rochester, N. Y.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.
S. A. Wood Mach. Co., South Boston, Mass.

A. BOX BOARD CUT-OFF SAWS. American Wood Working Mach. Co., 141 B'way, New York.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

B. BOX BOARD EDGING SAWS. American Wood Working Mach. Co., 141 B'way, New York.

C. BOX BOARD MACHINES. American Wood Working Mach. Co., 141 B'way, New York.
Carver Cotton Gin Co., East Bridgewater, Mass.
Chase Turbine Mfg. Co., Orange, Mass.
S. C. Forsaith Mach. Co., Manchester, N. H.
M. Garland, Bay City, Mich.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

D. BOX BOARD MATCHER HEADS. J. A. Fay & Egan Co., Cincinnati, O.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Samuel J. Shimer & Sons, Milton, Pa.

E. BOX BOARD MATCHERS. American Wood Working Mach. Co., 141 B'way, New York.
J. A. Fay & Egan Co., Cincinnati, O.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

F. BOX DRESSING MACHINES. Defiance Mach. Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
E. & B. Holmes Machinery Co., Buffalo, N. Y.

G. BOX NAILING MACHINES. E. A. Burgess Estate, New Haven, Conn.
Wm. S. Doig, 54 Franklin St., Brooklyn, N. Y.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Morgan Machine Co., Rochester, N. Y.

H. BOX TRIMMING MACHINES. Estate of E. A. Burgess, New Haven, Conn.

I. CIGAR BOX MACHINERY. E. B. Baker, Phoenix, N. Y.
J. A. Fay & Egan Co., Cincinnati, O.

J. GLUING & STAINING MACHINES. J. A. Fay & Egan Co., Cincinnati, O.

1924. BRAD DRIVING MACHINES.
William S. Doig, 54 Franklin St., Brooklyn, N. Y.
Seymour & Whitlock, Newark, N. J.

1925. BRANDING IRONS. B. B. Hill Mfg. Co., 1020 New Market St., Phila., Pa.
Geo. M. Ness, Jr., 61 Fulton St., New York.
S. H. Quint & Sons, 15 S. 4th St., Philadelphia, Pa.

1926. BRAZERS. National Cement & Rubber Mfg. Co., Toledo, O.

A. BRAZER HEADS. National Cement & Rubber Mfg. Co., Toledo, O.

B. BRAZING MACHINES. White Mfg. Co., 158 Indiana St., Chicago, Ill.

C. GASOLINE BRAZERS. Clayton & Lambert Mfg. Co., Ypsilanti, Mich.

1927. BREWERS' MACHINERY.
Barry-Wehmiller Machinery Co., St. Louis, Mo.
Geo. J. Fritz, St. Louis, Mo.
Huetteman & Cramer Co., Detroit, Mich.
Hersey Mfg. Co., South Boston, Mass.
Murray Iron Works Co., Burlington, Iowa.
John T. Noye Mfg. Co., Buffalo, N. Y.
Vilter Mfg. Co., Milwaukee, Wis.

A. AGITATORS. Wm. B. Pollock & Co., Youngstown, O.

B. ALE CONDENSERS. W. J. Doyle, Rome, N. Y.

C. ATTEMPERATORS. Andrew Jochum, 148 E. 50th St., New York.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

D. BEER COOLERS, BREWERS'. Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
Hersey Mfg. Co., South Boston, Mass.
Andrew Jochum, 148 E. 50th St., New York.

E. BEER FILTERS. Loew Filter Co., Cleveland, O.

F. BEER VENTILATORS. Redlick Mfg. Co., 10 Oak St., Chicago, Ill.

G. BOILING TUBS, BREWERS'. Cincinnati Cooperage Co., Cincinnati, O.

H. BOILING WORMS. Andrew Jochum, 148 E. 50th St., New York.

I. COPPER TANKS, BREWERS'. Thomas Phillips Co., Providence, R. I.
A. Reisert & F. Orth, 181 Prince St., New York.
Juan G. Ribon, 1st St., Jersey City, N. J.
Herman Strater & Sons, Boston, Mass.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

J. FERMENTING TUBS. Geo. J. Burkhardt's Sons, 2831 N. Broad St., Phila., Pa.
Hauser, Bremer & Fath Co., Cincinnati, O.
George Woolford, 2240 N. 9th St., Philadelphia, Pa.

K. GAUGES, BREWERS'. Crosby Steam Gage & Valve Co., Boston, Mass. *6

L. HOP JACKS. Geo. J. Burkhardt's Sons, 2831 N. Broad St., Phila., Pa.
Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
Hauser, Brenner & Fath Co., Cincinnati, O.
Geo. Woolford, 2240 N. 9th St., Philadelphia, Pa.

M. MALT & BEER ELEVATORS. Francis Fritsch Mfg. Co., Cincinnati, O.

N. MALT CLEANERS. Barnard & Leas Mfg. Co., Moline, Ill.

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O.	MALT DRYING MACHINES.	Paine-Ellis Grain Drier Co., Milwaukee, Wis.
P.	MALT HOUSE MACHINERY.	Barry-Wehmiller Machinery Co., St. Louis, Mo.
		Hersey Mfg. Co., South Boston, Mass.
		John T. Noye Mfg. Co., Buffalo, N. Y.
Q.	MALT KILN FLOORS.	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
R.	MALT KILNS.	Robt. Aitchison Perf'd Metal Co., 269 Dearborn, Chicago, Ill.
S.	MALT MILLS.	Chas. Kaestner & Co., 245 S. Jefferson St., Chicago, Ill.
		John T. Noye Mfg. Co., Buffalo, N. Y.
		Olsen & Tilgner, 39 Ontario St., Chicago, Ill.
		G. Schock, 391 E. 59th St., New York.
		Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
		Vilter Mfg. Co., Milwaukee, Wis.
T.	MASH MACHINES.	Huetteman & Cramer Co., 12 Sherman St., Detroit, Mich.
		A. Reisert & F. Orth, 181 Prince St., New York.
		Watson-Stillman Co., 210 E. 43d St., New York.
U.	MASH TUB GAUGES.	Standard Thermometer & Electric Co., Peabody, Mass.
V.	MASH TUBS.	Geo. J. Burkhardt's Sons, 2831 N. Broad St., Phila., Pa.
		Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
		Hauser, Brenner & Fath Co., Cincinnati, O.
		Robt. Poole & Son Co., Baltimore, Md.
		Riter-Conly Co., Pittsburg, Pa.
		Herman Strater & Sons, Boston, Mass.
W.	PITCHING MACHINES.	American Road Mach. Co., Kenneth Square, Pa.
		Peter Gerlach & Co., Cleveland, O.
		Pawling & Harnischfeger, Milwaukee, Wis.
X.	REVOLVING SPONGERS.	A. Reisert & F. Orth, 181 Prince St., New York.
Y.	STEAM KETTLES, BREWERS'.	Andrew Jochum, 148 E. 50th St., New York.
		John O'Brien Boiler Works Co., St. Louis, Mo.
		A. Reisert & F. Orth, 181 Prince St., New York.
		Herman Strater & Sons, Boston, Mass.
Z.	STEEP TANKS.	Hauser, Brenner & Fath Co., Cincinnati, O.
		Geo. Woolford, 2240 N. 9th St., Philadelphia, Pa.
AA.	STOCK VATS.	Cincinnati Cooperage Co., Cincinnati, O.
		Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
		Hauser, Brenner & Fath Co., Cincinnati, O.
		Geo. Woolford, 2240 N. 9th St., Philadelphia, Pa.

1928. BRICK MACHINERY & TOOLS.

		Jonathan Creager's Sons Co., Cincinnati, O.
		Eastern Machinery Co., New Haven, Conn.
		E. M. Freese & Co., Galion, O.
A.	BRICK & TILE TRUCKS.	American Clay Working Machine Co., Bucyrus, O.
		D. J. C. Arnold, New London, O.
		P. K. Dederick, Albany, N. Y.
		Kilbourne & Jacobs Mfg. Co., Columbus, O.
		Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
		C. & A. Potts & Co., Inc., Indianapolis, Ind.
		Chas. W. Raymond & Co., Dayton, O.
		J. C. Steele & Sons, Statesville, N. C.
		Tiffin Agricultural Works, Tiffin, O.
B.	BRICK BARROWS.	American Clay Working Machine Co., Bucyrus, O.
		D. J. C. Arnold, New London, O.
		P. K. Dederick's Sons, Albany, N. Y.
		E. M. Freese & Co., Galion, O.
		Jackson Mfg. Co., Harrisburg, Pa.
		Kilbourne & Jacobs Mfg. Co., Columbus, O.
		Phillips, Doup & Co., Pearl & Water Sts., Brooklyn, N. Y.
		C. & A. Potts & Co., Inc., Indianapolis, Ind.
		Chas. W. Raymond & Co., Dayton, O.
		Tiffin Agricultural Works, Tiffin, O.
		Whitman Agricultural Co., St. Louis, Mo.
C.	BRICK CONVEYORS.	Tiffin Agricultural Works, Tiffin, O.
		Webster Mfg. Co., 133 S. Clinton St., Chicago, Ill.
D.	BRICK CUTTERS.	American Clay Working Machine Co., Bucyrus, O.
		J. C. Steele & Sons, Statesville, N. C.
E.	BRICK DIES.	American Clay Working Machine Co., Bucyrus, O.
		J. C. Steele & Sons, Statesville, N. C.
F.	BRICK DRYING APPARATUS.	American Blower Co., Detroit, Mich.
		American Clay Working Machine Co., Bucyrus, O.
		E. M. Freese & Co., Galion, O.
		Standard Dry Kiln Co., Indianapolis, Ind.
G.	BRICK ELEVATORS.	Jeffrey Mfg. Co., Columbus, O.
		Lane & Bodley Co., Cincinnati, O.
		Morse, Williams & Co., 1105 Frankford Av., Phila., Pa.
		C. & A. Potts & Co., Indianapolis, Ind.
		Tiffin Agricultural Works, Tiffin, O.
H.	BRICK KILN ARCHES.	Chas. W. Raymond & Co., Dayton, O.

B. F. Sturtevant Co., Boston, Mass.

I. BRICK KILN DOORS.
American Clay Working Machine Co., Bucyrus, O.
D. J. C. Arnold, New London, O.
E. M. Freese & Co., Galion, O.

J. BRICK MACHINES.
American Clay Working Machine Co., Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
H. Brewer & Co., Tecumseh, Mich.
Chambers Bros. Co., 52d St., Philadelphia, Pa.
Jonathan Creager's Sons Co., Cincinnati, O.
Drake Standard Mach. Works, 160 S. Clinton St., Chic., Ill.
Eastern Machinery Co., New Haven, Conn.
E. M. Freese & Co., Galion, O.
Horton Mfg. Co., Painesville, O.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Leader Mfg. Co., Decatur, Ill.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
McLagon Foundry Co., New Haven, Conn.
Mich. Brick & Tile Machine Co., Morencie, Mich.
Ohio Machine Co., Middleport, O.
J. W. Penfield & Son, Willoughby, O.
C. & A. Potts & Co., Indianapolis, Ind.
Progress Press Brick & Machine Co., St. Louis. Mo.
Chas. W. Raymond & Co., Dayton, O.
Richmond Machine Works, Richmond, Ind.
Ross-Keller Brick Machine Co., St. Louis, Mo.
St. Louis Iron & Machine Co., St. Louis, Mo.
J. C. Steele & Sons, Statesville, N. C.
Stevenson & Co., Wellsville, O.
W. E. Talcott Co., Croton-on-Hudson, N. Y.
Taplin, Rice & Co., Akron, O.
Tiffin Agricultural Works, Tiffin, O.
Wallace Mfg. Co., Frankfort, Ind.
Wellington Machine Co., Wellington, O.
Alfred M. & W. H. Wiles Co., Grassy Point, N. Y.

K. BRICK MACHINES & PUG MILLS COMBINED.
American Clay Working Machine Co., Bucyrus, O.

L. BRICK MACHINES, DRY PRESS.
Chisholm, Boyd & White Co., W. 57th St., Chicago, Ill.
C. & A. Potts & Co., Inc., Indianapolis, Ind.
Progress Press Brick & Machine Co., St. Louis, Mo.
St. Louis Iron & Machine Co., St. Louis, Mo.

M. BRICK MACHINES, DUPLEX.
Huetteman & Cramer Co., Detroit, Mich.

N. BRICK MACHINES, PLUNGER.
American Clay Working Machinery Co., Bucyrus, O.

O. BRICK MAKERS' TOOLS.
D. J. C. Arnold, New London, O.
H. H. Harvey, Boston, Mass.
Nicholas M. Kueny, 21st St., Philadelphia, Pa.
Wm. Rose & Bros., Sharon Hill, Pa.
Webster & Perks Tool Co., Springfield, O.

P. BRICK MOULDS.
D. J. C. Arnold, New London, O.
P. K. Dederick's Sons, Albany, N. Y.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Phillips & McLaren, Pittsburg, Pa.
C. & A. Potts & Co., Inc., Indianapolis, Ind.
Chas. W. Raymond & Co., Dayton, O.
Richmond Machine Works, Richmond, Ind.
Tiffin Agricultural Works, Tiffin, O.
Alfred M. & W. H. Wiles Co., Grassy Point, N. Y.

Q. BRICK PALLETS.
D. J. C. Arnold, New London, O.
Wm. B. Mershon & Co., East Saginaw, Mich.

R. BRICK PRESSES.
American Clay Working Machine Co., Bucyrus, O.
D. J. C. Arnold, New London, O.
Drake Standard Machine Wks., 160 S. Clinton St., Chic., Ill.
Eastern Machinery Co., New Haven, Conn.
Nicholas M. Kueny, 21st St., Philadelphia, Pa.
Michigan Brick & Tile Machine Co., Morenci, Mich.
Phillips & McLaren, Pittsburg, Pa.
C. & A. Potts & Co., Inc., Indianapolis, Ind.
Ross-Keller Brick Machine Co., St. Louis, Mo.
St. Louis Iron & Machine Co., St. Louis, Mo.
Alfred M. & W. H. Wiles Co., Grassy Point, N. Y.

S. BRICK RE-PRESSES.
American Clay Working Maching Co., Bucyrus, O.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Ohio Machine Co., Middleport, O.
J. C. Steele & Sons, Statesville, N. C.

T. BRICK SIZING MACHINES.
Valley Iron Works, Williamsport, Pa.

U. BRICK SURFACING MACHINES.	Springfield Mfg. Co., Bridgeport, Conn.	*31
V. BRICK TRANSFER CARS.	American Blower Co., Detroit, Mich.	
	American Clay Working Machine Co., Bucyrus, O.	
	E. M. Freese & Co., Galion, O.	
W. CLAY SHINGLE MACHINES.	Michigan Brick & Tile Machine Co., Morenci, Mich.	
X. CUTTING TABLES.	Eastern Machinery Co., New Haven, Conn.	
	Progress Press Brick & Machine Co., St. Louis, Mo.	
Y. DUMPING BEDS.	Leader Mfg. Co., Decatur, Ill.	
	C. & A. Potts & Co., Inc., Indianapolis, Ind.	
	Chas. W. Raymond & Co., Dayton, O.	
Z. PUG MILLS.	American Clay Working Machine Co., Bucyrus, O.	
	Thomas Carlin's Sons, Allegheny, Pa.	
	Jonathan Creager's Sons Co., Cincinnati, O.	
	E. M. Freese & Co., Galion, O.	
	Michigan Brick & Tile Machine Co., Morenci, Mich.	
	Ohio Machine Co., Middleport, O.	
	J. W. Penfield & Son, Willoughby, O.	
	Phillips & McLaren, Pittsburg, Pa.	
	C. & A. Potts & Co., Inc., Indianapolis, Ind.	
	J. C. Steele & Sons, Statesville, N. C.	
	Stevenson & Co., Wellsville, O.	
	W. E. Talcott & Co., Croton-on-Hudson, N. Y.	
	Tiffin Agricultural Works, Tiffin, O.	
	Wallace Mfg. Co., Frankfort, Ind.	
1929. BROOM MAKERS' TOOLS.		
	C. D. Dickinson & Son, North Hadley, Mass.	
	John C. Howe, North Hadley, Mass.	
A. BROOM CORN SCRAPERS.	G. D. Colton & Co., Galesburg, Ill.	
	John H. Daken, Schenectady, N. Y.	
	Westinghouse Co., Schenectady, N. Y.	
1930. BRUSHES, POWER.	Ellis Thayer's Son, Pawtucket, R. I.	
A. PORTABLE POWER HORSE BRUSHES.	Stow Flexible Shaft Co., N. 26th St., Philadelphia, Pa.	
	Stow Mfg. Co., Binghamton, N. Y.	*18
B. STEAM BRUSHES.	Cleveland Machine Works, Worcester, Mass.	
1931. BRUSH MAKERS' TOOLS.		
A. BRUSH NAILING MACHINERY.	L. F. Grammes & Sons, Allentown, Pa.	
1932. BUCKLE MACHINES.		
A. BUCKLE MACHINE CASTINGS.	Robt. Poole & Son Co., Baltimore, Md.	
B. BUCKLE TONGUE MACHINES.	F. B. Shuster Co., New Haven, Conn.	
1933. BUILDERS' BRACKET MACHINERY.		
	J. A. Fay & Egan Co., Cincinnati, O.	
1934. BUNG & TAP TOOLS.		
A. BUNG EXTRACTORS.	U. S. Bung Mfg. Co., 48 S. 2d St., Brooklyn, N. Y.	
B. BUNG HOLE BORERS.	Enterprise Mfg. Co. of Pa., N. 3d, c. Dauphin St., Phila., Pa.	
	E. & B. Holmes Machinery Co., Buffalo, N. Y.	
	L. & I. J. White Co., Buffalo, N. Y.	
C. BUNG STARTERS.	Piqua Handle & Mfg. Co., Piqua, O.	
	Redlich Mfg. Co., 10 Oak St., Chicago, Ill.	
	Ripley Mfg. Co., Unionville, Conn.	
	Sandusky Tool Co., Sandusky, O.	
	John Sommer's Son, Newark, N. J.	
	Union Hardware Co., Torrington, Conn.	
	F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.	
D. TAP BORERS.	Hamden Mfg. Co., Hamden, Conn.	
	C. E. Jennings & Co., 79 Reade St., New York.	
	C. S. Osborne & Co., Newark, N. J.	
1935. BURNING BRANDS.	Hoggson & Pettis Mfg. Co., New Haven, Conn.	
	Nelson Stafford, 66 Fulton St., New York.	
	New York Stencil Works, 100 Nassau St., New York.	
	F. A. Sackman, Cleveland, O.	
	Schwerdth & Siebert, Bridgeport, Conn.	
	R. H. Smith Mfg. Co., Springfield, Mass.	*16
	N. Stafford, 66 Fulton St., New York.	
1936. BURNISHING TOOLS.	Tuck Mfg. Co., Brockton, Mass.	
1937. BUTCHERS' & PACKERS' MACHINERY & TOOLS.		
	Murray Iron Works Co., Burlington, Iowa.	
A. AXES, SLAUGHTERING.	August Nittinger, 826 N. 4th St., Philadelphia, Pa.	
B. BEEF SPLITTERS.	Nichols Bros., Greenfield, Mass.	
	August Nittinger, 826 N. 4th St., Philadelphia, Pa.	
C. BLOCK SCRAPERS.	National Saw Co., Newark, N. J.	
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.	
	L. & I. J. White Co., Buffalo, N. Y.	

D.	BUTCHERS' CALDRONS.	J. L. Mott Iron Works, 90 Beekman St., New York.
E.	BUTCHERS' CHOPPERS.	C. E. Jennings & Co., 79 Reade St., New York.
		Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
F.	BUTCHERS' KNIVES.	Clyde Cutlery Co., Clyde, O.
		Goodell Co., Antrim, N. H.
		C. J. Kimball Co., Bennington, N. H.
		Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
		Landers, Frary & Clark, New Britain, Conn.
		H. A. Lothrop Mfg. Co., Sharon, Mass.
		Meriden Cutlery Co., Meriden, Conn.
		Nichols Bros., Greenfield, Mass.
		Northampton Cutlery Co., Northampton, Mass.
		John Stortz & Son, 210 Vine St., Philadelphia, Pa.
		F. J. R. Tommins Co., 117 Chambers St., New York.
		Tuck Mfg. Co., Brockton, Mass.
		Williams Bros. Mfg. Co., Naubuc, Conn.
G.	BUTCHERS' MACHINERY.	Gus. V. Brecht Butchers' Supply Co., St. Louis, Mo.
		Chas. Forschner & Sons, 206 E. 14th St., New York.
		B. Stanbach, 652 E. 12th St., New York.
		B. A. Stevens, Toledo, O.
H.	BUTCHERS' SAWS.	American Saw Co., Trenton, N. J.
		E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
		Buffalo Scale Co., Buffalo, N. Y.
		Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
		C. E. Jennings & Co., 79 Reade St., New York.
		Millers Falls Co., Millers Falls, Mass.
		National Saw Co., Newark, N. J.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		Pacific Saw Mfg. Co., San Francisco, Cal.
I.	BUTCHERS' STEELS.	Clyde Cutlery Co., Clyde, O.
		Goodell Co., Antrim, N. H.
		Landers, Frary & Clark, New Britain, Conn.
		Meriden Cutlery Co., Meriden, Conn.
		Nichols Bros., Greenfield, Mass.
		Nicholson File Co., Providence, R. I.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		John Stortz & Son, 210 Vine St., Philadelphia, Pa.
J.	BUTCHERS' TOOLS.	H. B. Black & Co., Chester, Pa.
		Gus. V. Brecht Butchers' Supply Co., St. Louis, Mo.
		Bernard Gloekler, Pittsburg, Pa.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		B. Stanbach, 652 E. 12th St., New York.
		L. & I. J. White Co., Buffalo, N. Y.
K.	CLEAVERS.	C. E. Jennings & Co., 79 Reade St., New York.
		Knapp & Cowles Mfg. Co., Bridgeport, Conn.
		Nichols Bros., Greenfield, Mass.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		Peck, Stow & Wilcox Co., Southington, Conn.
		Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
		L. & I. J. White Co., Buffalo, N. Y.
L.	CLEAVERS, PORK PACKERS'.	Nichols Bros., Greenfield, Mass.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
M.	CORNED BEEF TANKS.	Monson-Burmah Slate Co., Portland, Me.
N.	FAT CUTTING MACHINES.	August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		B. Stanbach, 652 E. 12th St., New York.
O.	HAM STRINGERS.	C. S. Osborne & Co., Newark, N. J.
		Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
		L. & I. J. White Co., Buffalo, N. Y.
P.	HOG KILLING HAMMERS.	August Nittinger, 826 N. 4th St., Philadelphia, Pa.
Q.	HOG SCALDERS.	D. H. Bausman, Bausman, Pa.
R.	HOG SCRAPERS.	W. J. Clarke Co., Salem, O.
		Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
		L. & I. J. White Co., Buffalo, N. Y.
S.	LARD DRYERS, MIXERS & COOLERS.	Black & Clawson Co., Hamilton, O.
		H. M. Dopp & Son, Buffalo, N. Y.
		Home & Danz Co., St. Paul, Minn.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		John E. Smith's Sons, Buffalo, N. Y.
		B. Stanbach, 652 E. 12th St., New York.
T.	LARD KETTLES.	August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		Silver Mfg. Co., Salem, O.
		John E. Smith's Sons, Buffalo, N. Y.
U.	LARD SPOONS.	August Nittinger, 826 N. 4th St., Philadelphia, Pa.
V.	MEAT AXES.	American Axe & Tool Co., Pittsburg, Pa.
		Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
		L. & I. J. White, Buffalo, N. Y.

W.	MEAT CUTTERS.	Ames Plow Co., Quincy Hall, Boston, Mass.
		Gus. V. Brecht Butchers' Supply Co., St. Louis, Mo.
		Duncan Mackenzie, Trenton, N. J.
		Murray Iron Works Co., Burlington, Iowa.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		Peck, Stow & Wilcox Co., Southington, Conn.
		Russell & Erwin Mfg. Co., 45 Chambers St., New York.
		John E. Smith's Sons, Buffalo, N. Y.
		B. Stanbach, 652 E. 12th St., New York.
X.	MEAT MIXERS.	Murray Iron Works Co., Burlington, Iowa.
Y.	MEAT SELECTING HOOKS.	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
		L. & I. J. White Co., Buffalo, N. Y.
Z.	OFFAL PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
		John T. Noye Mfg. Co., Buffalo, N. Y.
AA.	PACKERS' MACHINERY & TOOLS.	G. V. Brecht Butchers' Supply Co., St. Louis, Mo.
		Murray Iron Works Co., Burlington, Iowa.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		B. Stanbach, 652 E. 12th St., New York.
BB.	PORK PACKERS' SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
CC.	POWER MEAT CHOPPERS.	Gus. V. Brecht Butchers' Supply Co., St. Louis, Mo.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		Silver Mfg. Co., Salem, O.
		B. Stanbach, 652 E. 12th St., New York.
DD.	SAUSAGE BINDERS.	M. O. H. Co., 54 N. Canal St., Chicago, Ill.
EE.	SAUSAGE CUTTERS.	B. Stanbach, 652 E. 12th St., New York.
FF.	SAUSAGE MACHINERY.	Ames Plow Co., Quincy Hall, Boston, Mass.
		Gus. V. Brecht Butchers' Supply Co., St. Louis, Mo.
		Duncan Mackenzie, Trenton, N. J.
		B. Stanbach, 652 E. 12th St., New York.
		Trenton Machine Works, Trenton, N. J.
GG.	SAUSAGE MEAT CHOPPERS.	M. L. Edwards Co., Salem, O.
		John E. Smith's Sons, Buffalo, N. Y.
HH.	SAUSAGE STUFFERS.	Ames Plow Co., Quincy Hall, Boston, Mass.
		Chalfant Mfg. Co., Atglen, Pa.
		M. L. Edwards Co., Salem, O.
		Enterprise Mfg. Co. of Pa., 3d, c. Dauphin St., Phila., Pa.
		Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
		Murray Iron Works Co., Burlington, Iowa.
		August Nittinger, 826 N. 4th St., Philadelphia, Pa.
		Peck, Stow & Wilcox Co., Southington, Conn.
		Silver Mfg. Co., Salem, O.
		John E. Smith's Sons, Buffalo, N. Y.
		B. Stanbach, 652 E. 12th St., New York.
II.	SCALDING TUBS.	McElroy Iron Works Co., Keokuk, Iowa.
		Murray Iron Works Co., Burlington, Iowa.
JJ.	SKINNING KNIVES.	Goodell Co., Antrim, N. H.
		Meriden Cutlery Co., Meriden, Conn.
		Nichols Bros., Greenfield, Mass.
		Northampton Cutlery Co., Northampton, Mass.
		John Russell Cutlery Co., Twiner's Falls, Mass.
KK.	SLAUGHTER HOUSE APPARATUS.	Gus. V. Brecht Butchers' Supply Co., St. Louis, Mo.
		B. Stanbach, 652 E. 12th St., New York.
LL.	SLAUGHTER HOUSE TANKS.	S. Bieder, 365 Flushing Av., Brooklyn, N. Y.
		Dumrauf & Wicke, 338 E. 102d St., New York.
		McElroy Iron Works Co., Keokuk, Iowa.
		James McLean, 565 W. 34th St., New York.
		B. Stanbach, 652 E. 12th St., New York.
MM.	STEAM RENDERING TANKS.	S. Freeman & Sons Mfg. Co., Racine, Wis.
		McElroy Iron Works Co., Keokuk, Iowa.
		George F. Motter & Sons, York, Pa.
		Murray Iron Works Co., Burlington, Iowa.
NN.	STICKING KNIVES.	Goodell Co., Antrim, N. H.
		Nichols Bros., Greenfield, Mass.
		Northampton Cutlery Co., Northampton, Mass.
OO.	STUFFING MIXERS.	John E. Smith's Sons, Buffalo, N. Y.
PP.	TANKAGE PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
		G. H. Bushnell Press Co., Thompsonville, Conn.
		J. E. Davis Co., 835 Old Colony Bldg., Chicago, Ill.
		B. Stanbach, 652 E. 12th St., New York.

1938. BUTTERDISH MACHINERY.
Du Quoin Iron Works, Du Quoin, Ill.
Elmer E. Titus, Petersburg, Va.

1939. BUTT MACHINES. John Adt & Son, New Haven, Conn.

1940. BUTTON MAKERS' OUTFITS.
Gould & Eberhardt, Newark, N. J.
Williams & Marvin, Deep River, Conn.

A. BUTTON MAKING MACHINES.	Schott Bros., 364 Broadway, New York.
B. BUTTON PRESSES.	E. C. Stiles Press Co., Watertown, N. Y.
1941. CALIPERS.	Athol Machine Co., Athol, Mass.
	Bemis & Call Hardware & Tool Co., Springfield, Mass.
	Brown & Sharpe Mfg. Co., Providence, R. I.
	Wm. Johnson, Newark, N. J.
	Kraeuter & Co., Newark, N. J.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Pratt & Whitney Co., Hartford, Conn.
	L. S. Starrett Co., Athol, Mass.
	J. Stevens Arms & Tool Co., Chicopee Falls, Mass.
	Tower & Lyon, 95 Chambers St., New York.
	Wright Wrench Co., Worcester, Mass.
A. BEAM CALIPERS.	Billings & Spencer Co., Hartford, Conn.
B. CARVERS' CALIPERS.	H. H. Narvey, 116 High St., Boston, Mass.
C. FIRM POINT CALIPERS.	Standard Tool Co., Athol, Mass.
D. LOG CALIPERS.	Lufkin Rule Co., Saginaw, Mich.
E. MICROMETER CALIPERS.	Athol Machine Co., Athol, Mass.
	Brown & Sharpe Mfg. Co., Providence, R. I.
	Kraeuter Co., Newark, N. J.
	J. T. Slocomb & Co., Providence, R. I.
	Standard Tool Co., Athol, Mass.
	L. S. Starrett Co., Athol, Mass.
	Warner & Swasey, Cleveland, O.
F. PRECISION CALIPERS.	Brown & Sharpe Mfg. Co., Providence, R. I.
G. REGISTER CALIPERS.	Kraeuter Co., Newark, N. J.
H. SPRING CALIPERS.	Athol Machine Co., Athol, Mass.
	Standard Tool Co., Athol, Mass.
1942. CALKERS' TOOLS.	Billings & Spencer Co., Hartford, Conn.
	Dickson Mfg. Co., Scranton, Pa.
	C. Drew & Co., Kingston, Mass.
A. CALKING CHISELS.	C. S. Osborn & Co., Newark, N. J.
B. CALKING IRONS.	C. Drew & Co., Kingston, Mass.
	L. & I. J. White Co., Buffalo, N. Y.
C. CALKING MALLETS.	Union Hardware Co., Torrington, Conn.
	L. & I. J. White Co., Buffalo, N. Y.
	Williams & Marvin, Deep River, Conn.
1943. CAMS.	Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
1944. CANDLE MACHINERY.	
	Wm. W. Brewer, Troy, N. Y.
	Brown & Patterson, 33 Marcy Av., Brooklyn, N. Y.
	Homan Silver Plate Co., Cincinnati, O.
	Houchin & Huber, 39 53d St., Brooklyn, N. Y.
A. CANDLE MOULDS.	Thos. W. Houchin Co., 67 Park Place, New York.
	Sidney Shepard & Co., Buffalo, N. Y.
1945. CANNING MACHINERY.	
	Cox Bros. & Co., Bridgeton, N. J.
	Remington Machine Co., Wilmington, Del.
	Stickney Machine Co., Portland, Me.
	E. C. Stiles Press Co., Watertown, N. Y.
A. AUTOMATIC FEEDERS.	Barry Mfg. Co., Muscatine, Iowa.
	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	Hemingway Mfg. Co., Syracuse, N. Y.
	Maryland Mfg. & Construction Co., Baltimore, Md.
	Merrell-Soule Co., Inc., Syracuse, N. Y.
	Sinclair-Scott Co., Baltimore, Md.
B. CAN CLEANSING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	Sinclair-Scott Co., Baltimore, Md.
	West Mfg. Co., Buffalo, N. Y.
C. CAN FILLERS.	R. O. Conant & Co., Portland, Me.
	Cox Bros. & Co., Bridgeton, N. J.
	J. H. Day & Co., Harrison Av., Cincinnati, O.
	Hemingway Mfg. Co., Syracuse, N. Y.
	Maryland Mfg. & Construction Co., Baltimore, Md.
	Sinclair-Scott Co., Baltimore, Md.
	West Mfg. Co., Buffalo, N. Y.
D. CANNING RACKS.	Barbee Wire & Iron oWrks, 44 Dearborn St., Chicago, Ill.
E. CAN TONGS.	Merrell-Soule Co., Inc., Syracuse, N. Y.
	West Mfg. Co., Buffalo, N. Y.
F. CAN WIPERS.	Cox Bros. & Co., Bridgeton, N. J.
	Hemingway Mfg. Co., Syracuse, N. Y.
	Merrell-Soule Co., Inc., Syracuse, N. Y.
	West Mfg. Co.,Buffalo, N. Y.
G. CORN COOKERS.	R. O. Conant Co., Portland, Me.
	Cox Bros. & Co., Bridgeton, N. J.

	Hemingway Mfg. Co., Syracuse, N. Y.
	Jno. Van Range Co., Cincinnati, O.
H. CORN CUTTING MACHINES.	Hemingway Mfg. Co., Syracuse, N. Y.
	Maryland Mfg. & Construction Co., Baltimore, Md.
	Merrell-Soule Co., Inc., Syracuse, N. Y.
I. CORN SILKERS.	Hemingway Mfg. Co., Syracuse, N. Y.
	Maryland Mfg. & Construction Co., Baltimore, Md.
	Merrell-Soule Co., Inc., Syracuse, N. Y.
J. FRUIT CANNING BASKETS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
K. PARING MACHINES.	Goodell Co., Antrim, N. H.
	Sinclair-Scott Co., Baltimore, Md.
L. PEA SEPARATORS.	Sinclair-Scott Co., Baltimore, Md.
M. PINEAPPLE GRATERS.	Sinclair-Scott Co., Baltimore, Md.
N. PINEAPPLE PARING, CORING & SIZING MACHINES, COMBINED.	Sinclair-Scott Co., Baltimore, Md.
O. PUMPKIN PEELERS & GRATERS.	Hemingway Mfg. Co., Syracuse, N. Y.
	Merrell-Soule Co., Inc., Syracuse, N. Y.
P. STEAM PROCESS CHESTS.	E. W. Bliss & Co., Plymouth St., Brooklyn, N. Y.
	Sinclair-Scott Co., Baltimore, Md.
	West Mfg. Co., Buffalo, N. Y.
Q. STEAM TANKS.	Hemingway Mfg. Co., Syracuse, N. Y.
	George F. Motter & Sons, York, Pa.
	Sinker-Davis Co., Indianapolis, Ind.
R. TOMATO SCALDERS.	Cox Bros. & Co., Bridgeton, N. J.
	Sinclair-Scott Co., Baltimore, Md.
S. TOPPING MACHINES.	Cox Bros. & Co., Bridgeton, N. J.
1946. CANT HOOKS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Boston & Lockport Block Co., Commer'l St., Boston, Mass.
	Brennan & Co., Louisville, Ky.
	Dicke Tool Co., Downers Grove, Ill.
	Filer & Stowell Co., Milwaukee, Wis. *8
	Peter Gerlach & Co., Cleveland, O.
	Knight Mfg. Co., Canton, O.
	Reeves & Co., Inc., Columbus, Ind.
	Standard Saw Mill Machinery Co., Erie, Pa.
1947. CARBONATING MACHINERY.	
	Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
A. CARBONIC ACID GAS REGULATORS.	Cleveland Faucet Co., Cleveland, O.
1948. CARBON MACHINERY.	
	Walker Co., Cleveland, O.
A. CARBON MILLS.	Sprout, Waldron & Co., Murray, Pa.
1949. CARD STAMPING MACHINES, POWER.	
	Schaum & Uhlinger, N. 2d & Glenwood Av., Phila., Pa.
1950. CAR DUMPING MACHINERY.	
	Webster, Camp & Lane Machine Co., Akron, O.
1951. CARPET MITREING & SERGING MACHINES.	
	Singer Mfg. Co., 561 Broadway, New York.
1952. CARPET STRETCHERS.	
	Chalfant Mfg. Co., Atglen, Pa.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	George S. Knapp, Bridgeport, Conn.
	Kraeuter Co., Newark, N. J.
	R. W. Montross, Galien, Mich.
	C. S. Osborne & Co., Newark, N. J.
	Seymour Smith & Son, Oakville, Conn.
	Tower & Lyon, 95 Chambers St., New York.
1953. CARTRIDGE MACHINERY.	
	Blake & Johnson, Waterbury, Conn.
	Union Metallic Cartridge Co., Bridgeport, Conn.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
A. CARTRIDGE VARNISHING MACHINES.	Pratt & Whitney Co., Hartford, Conn.
1954. CATSUP MACHINES.	J. H. Day & Co., Cincinnati, O.
1955. CATTLE DEHORNING CLIPPERS.	
	A. C. Brosius, Cochranville, Pa.
1956. CEMENT MACHINERY.	C. O. Bartlett & Co., Cleveland, O.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
A. CEMENT PACKERS.	S. Howes Co., Silver Creek, N. Y.
1957. CENTER INDICATORS.	
	J. T. Slocomb & Co., Providence, R. I.
1958. CHAIR MACHINERY.	J. A. Fay & Egan Co., Cincinnati, O.
	C. B. Rogers & Co., Norwich, Conn.
	Alvin Streeter, Winchendon, Mass.
	Baxter D. Whitney, Winchendon, Mass.

1959. CHALK LINE REELS.	R. Bliss Mfg. Co., Pawtucket, R. I.
	Ohio Tool Co., Columbus, O.
	Piqua Handle & Mfg. Co., Piqua, O.
	Sandusky Tool Co., Sandusky, O.
	Union Hardware Co., Torrington, Conn.
A. CHALK LINE REELS & AWLS.	Stanley Rule & Level Co., New Britain, Conn.
1960. CHISELS.	Henry H. Harvey, 105 High St., Boston, Mass.
	Ohio Tool Co., Columbus, O.
	Peck, Stow & Wilcox Co., Southington, Conn.
	James Swan Co., Seymour, Conn.
A. ALLIGATOR CHISELS.	Peter Gerlach & Co., Cleveland, O.
B. ASTRAGALS.	H. Chapin's Sons Co., Pine Meadow, Conn.
C. BOX CHISELS.	C. Drew & Co., Kingston, Mass.
	Humason & Beckley Mfg. Co., New Britain, Conn.
	C. S. Osborne & Co., Newark, N. J.
	Peck, Stow & Wilcox Co., Southington, Conn.
D. CAPE CHISELS.	Billings & Spencer Co., Hartford, Conn.
	C. Hammond & Son, Ogontz, Pa.
	William Johnson, Newark, N. J.
	Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
E. CARPENTERS' CHISELS.	American Axe & Tool Co., Pittsburg, Pa.
	American Wood Working Mach. Co., 141 B'way, New York.
	Billings & Spencer Co., Hartford, Conn.
	Buck Bros., Millbury, Mass.
	C. Drew & Co., Kingston, Pa.
	C. E. Jennings & Co., 79 Reade St., New York.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	Ohio Tool Co., Columbus, O.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Russell & Erwin Mfg. Co., 45 Chambers St., New York.
	Snell Mfg. Co., Fiskdale, Mass.
	James Swan Co., Seymour, Conn.
	Wheeling Hinge Co., Inc., Wheeling, W. Va.
	L. & I. J. White Co., Buffalo, N. Y.
	Winsted Edge Tool Works, West Winsted, Conn.
F. CHIPPING CHISELS.	Detroit Steel & Spring Co., Detroit, Mich.
	C. Hammond & Son, Ogontz, Pa.
	Henry H. Harvey, 105 High St., Boston, Mass.
G. COAL CHISELS.	Wheeling Hinge Co., Wheeling, W. Va.
H. COLD CHISELS.	William H. Anderson & Sons, Detroit, Mich.
	Atha Tool Co., Newark, N. J.
	Billings & Spencer Co., Harfortd, Conn.
	Dicke Tool Co., Downers Grove, Ill.
	Dickson Mfg. Co., Scranton, Pa.
	C. Drew & Co., Kingston, Mass.
	Henry H. Harvey, 105 High St., Boston, Mass.
	Iron City Tool Works, Ltd., Pittsburg, Pa.
	C. E. Jennings & Co., 79 Reade St., New York.
	William Johnson, Newark, N. J.
	Kraeuter Co., Newark, N. J.
	H. H. Narvey, 116 High St., Boston, Mass.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Snell Mfg. Co., Fiskdale, Mass.
	John Stortz & Son, 210 Vine St., Philadelphia, Pa.
	Tuck Mfg. Co., Brockton, Mass.
	Vaughan & Bushnell, 877 Carroll Av., Chicago, Ill.
	Wheeling Hinge Co., Wheeling, W. Va.
	Whitman & Barnes Mfg. Co., Akron, O.
I. DIAMOND CHISELS.	Atha Tool Co., Newark, N. J.
	Detroit Steel & Spring Co., Detroit, Mich.
J. DROVE CHISELS.	Detroit Steel & Spring Co., Detroit, Mich.
K. GASKET CHISELS.	Ohio Tool Co., Columbus, O.
	C. S. Osborne & Co., Newark, N. J.
L. GAUGES.	Ohio Tool Co., Columbus, O.
	Snell Mfg. Co., Fiskdale, Mass.
	James Swan Co., Seymour, Conn.
	L. & I. J. White Co., Buffalo, N. Y.
	Winsted Edge Tool Works, West Winsted, Conn.
M. HOT CHISELS.	Detroit Steel & Spring Co., Detroit, Mich.
	Winsted Edge Tool Works, West Winsted, Conn.
N. PITCHING TOOL CHISELS.	Detroit Steel & Spring Co., Detroit, Mich.
1961. CHOCOLATE MACHINERY.	Jules Debeauvais, 2 Howard St., New York.
	Holmes & Blanchard Co., Boston, Mass.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

P. M. Walton, 1019 Germantown Av., Philadelphia, Pa.

A. CHOCOLATE MILLS.
Samuel Carey, 17 Broadway, New York.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.

B. CHOCOLATE PRESSES.
Boomer & Boschert Press Co., Syracuse, N. Y.

1962. CIGAR BOX OPENERS.
Erie Specialty Co., Erie, Pa.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
C. S. Osborne & Co., Newark, N. J.

1963. CIGARETTE MACHINERY.

A. CIGARETTE MAKING MACHINES.
Bonsack Machine Co., Lynchburg, Va.
Cardwell Machine Co., Richmond, Va.
Frank J. Ludington, Waterbury, Conn.
Miller, Dubrul & Peters Mfg. Co., Cincinnati, O.
Venners-Prieth Contin. Cigarette Mach. Co., Newark, N. J.
Winston Cigarette Machine Co., Winston, N. C.
John R. Williams Co., 102 Chambers St., New York.

B. CIGARETTE PACKING MACHINES.
Frank J. Ludington, Waterbury, Conn.

C. CIGARETTE POUCH MACHINES.
Frank J. Ludington, Waterbury, Conn.

1964. CIGAR MAKERS' TOOLS.
Wm. Schollhorn Co., New Haven, Conn.
Joseph Schwartz, 113 Maiden Lane, New York.

A. CIGAR BRANDING MACHINES.
E. Ermold, 652 Hudson St., New York.
Miller, Dubrul & Peters Mfg. Co., 406 E. Pearl St., Cinn., O.

B. CIGAR BUNCHING MACHINES.
Miller, Dubrul & Peters Mfg. Co., 406 E. Pearl St., Cinn., O.
John R. Williams Co., 102 Chambers St., New York.

C. CIGAR CUTTERS.
Alling & Co., 170 Broadway, New York.
Billings & Spencer Co., Hartford, Conn.
Erie Specialty Co., Erie, Pa.
Kaufmann Bros. & Bondy, 129 Grand St., New York.
Meriden Malleable Iron Co., Meriden, Conn.
Miller, Dubrul & Peters Mfg. Co., Cincinnati, O.
W. Schollhorn & Co., New Haven, Conn.

D. CIGAR KNIVES.
Goodell Co., Antrim, N. H.
H. A. Lothrop Mfg. Co., Sharon, Mass.
C. S. Osborne & Co., Newark, N. J.
John Russell Cutlery Co., Turner's Falls, Mass.
Sargent & Co., New Haven, Conn.
William Schollhorn Co., New Haven, Conn.
Joseph Schwartz, 113 Maiden Lane, New York.
Tuck Mfg. Co., Brockton, Mass.
J. Wiss & Sons, Newark, N. J.

E. CIGAR MOULDS.
Miller, Dubrul & Peters Mfg. Co., Cincinnati, O.
Sheboygan Cigar Mould Co., Sheboygan, Wis.
Sternberg Mfg. Co., Davenport, Iowa.
William Wicke Co., 530 1st Av., New York.

F. CIGAR ROLLING MACHINES.
John R. Williams Co., 102 Chambers St., New York.

G. CIGAR TIP CUTTERS.
Erie Specialty Co., Erie, Pa.

1965. CLAM HOOKS.
Ely Hoe & Fork Co., St. Johnsbury, Vt.
Withington & Cooley Mfg. Co., Jackson, Mich.

1966. CLAMPS.
R. S. Pickering, Sharon Hill, Pa.
L. S. Starrett Co., Athol, Mass.

A. ADJUSTABLE CLAMPS.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Billings & Spencer Co., Hartford, Conn.
Dann Bros. & Co., 80 Franklin St., New Haven, Conn.
Pearson Jack Co., Boston, Mass.
E. C. Stearns & Co., Syracuse, N. Y.

B. BELT CLAMPS.
Billings & Spencer Co., Hartford, Conn.
Crescent Mfg. Co., Cleveland, O.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Vulcan Iron Works, Wilkes-Barre, Pa.

C. CABINET MAKERS' & CARPENTERS' CLAMPS.
Dann Bros. & Co., 80 Franklin St., New Haven, Conn.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Ohio Tool Co., Columbus, O.
E. C. Stearns & Co., Syracuse, N. Y.
Samuel C. Tatum Co., Water & John Sts., Cincinnati, O.
W. W. Woodruff & Sons, Mount Carmel, Conn. *23
Wrightsville Hardware Co., Wrightsville, Pa.

D. CARRIAGE MAKERS' CLAMPS.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Batavia Carriage Wheel Co., Batavia, N. Y.
Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
Dann Bros. & Co., New Haven, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.

Pratt & Letchworth, Buffalo, N. Y.
E. C. Stearns & Co., Syracuse, N. Y.

E. "C" CLAMPS. Billings & Spencer Co., Hartford, Conn.

F. DISPLAY CLAMPS, BOOT & SHOE. Buffalo Last Works, Buffalo, N. Y.
Norwich Nickel & Brass Co., Norwich, Conn.

G. ELECTRICIANS' SPLICING CLAMPS. Cincinnati Tool Co., Cincinnati, O.

H. MACHINISTS' CLAMPS. Armstrong Mfg. Co., Bridgeport, Conn. *18
Billings & Spencer Co., Hartford, Conn.
Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
Eberhard Mfg. Co., Cleveland, O.
Pratt & Letchworth, Buffalo, N. Y.
O. A. Smith, Rockfall, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
Wrightsville Hardware Co., Wrightsville, Pa.

I. MACHINISTS' HEAVY STEEL CLAMPS. Eberhard Mfg. Co., Cleveland, O.
C. & A. Potts & Co., Inc., Indianapolis, Ind.

J. PARALLEL CLAMPS. Charles H. Besly & Co., 10 N. Canal St., Chicago, Ill.

K. POLE CLAMPS. Hoopes & Townsend, 1330 Buttonwood St., Philadelphia, Pa.

L. QUILT FRAME CLAMPS. Peck, Stow & Wilcox Co., Southington, Conn.
C. & A. Potts & Co., Inc., Indianapolis, Ind.
E. C. Stearns & Co., Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Samuel C. Tatum Co., Water & John Sts., Cincinnati, O.

M. SCREW CLAMPS. E. C. Stearns & Co., Syracuse, N. Y.
Samuel C. Tatum Co., Water & John Sts., Cincinnati, O.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

N. STEEL CLAMPS. Athol Machine Co., Athol, Mass.

O. VISE CLAMPS. William G. Le Count, South Norwalk, Conn.
Prentiss Vise Co., New York.

P. WHEEL FLANGING CLAMPS. Eberhard Mfg. Co., Cleveland, O.
Wrightsville Hardware Co., Wrightsville, Pa.

Q. WOOD CLAMPS. Armstrong Mfg. Co., Bridgeport, Conn. *18
R. Bliss Mfg. Co., Pawtucket, R. I.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.

1967. CLAM RAKES. Withington & Cooley Mfg. Co., Jackson, Mich.

1968. CLAY WORKING MACHINERY.
Chambers Bros. Co., N. 52d St. n. Lancaster Av., Phila., Pa.
Mich. Brick & Tile Machine Co., Morenci, Mich.

A. CLAY BLOCKERS. Taplin, Rice & Co., Akron, O.
Webster, Camp & Lane Machine Co., Akron, O.

B. CLAY CARS. J. C. Steele & Sons, Statesville, N. C.

C. CLAY CONVEYORS. American Clay Working Mach. Co., Bucyrus, O.
Huettemann & Cramer Co., 12 Sherman St., Detroit, Mich.
Webster, Camp & Lane Machine Co., Akron, O.

D. CLAY CRUSHERS. American Clay Working Mach. Co., Bucyrus, O.
H. Brewer & Co., Tecumseh, Mich.
Jonathan Creager's Sons Co., 115 W. 2d St., Cincinnati, O.
Drake Standard Machine Wks., 160 S. Clinton St., Chic., Ill.
E. M. Freeze & Co., Galvin, O.
Frost Mfg. Co., Galesburg, Ga.
Huettemann & Cramer Co., 12 Sherman St., Detroit, Mich.
Henry Martin Brick Mfg. Co., Lancaster, Pa.
Newell Universal Mill Co., 26 Cortlandt St., New York.
J. W. Penfield & Son, Willoughby, O.
Stedman Foundry & Machine Works, Aurora, Ind.
J. C. Steele & Sons, Statesville, N. C.
Tiffin Agricultural Works, Tiffin, O.
Wallace Mfg. Co., Frankfort, Ind.
Webster, Camp & Lane Machine Co., Akron, O.

E. CLAY DISINTEGRATORS. American Clay Working Mach. Co., Bucyrus, O.
J. H. Day & Co., Harrison Av. & Bogen St., Cinn., O.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Henry Martin Brick Mach. Mfg. Co., Lancaster, Pa.
Mich. Brick & Tile Mach. Co., Morenci, Mich.
James Murray & Son, Baltimore, Md.
C. & A. Potts & Co., Inc., Indianapolis, Ind.
Rockwood Mfg. Co., Indianapolis, Ind.
Stedman Foundry & Machine Works, Aurora, Ind.
Walker & Elliott, Wilmington, Del.

F. CLAY ELEVATOR BUCKETS. W. J. Clark Co., Salem, O.

G. CLAY ELEVATORS. American Clay Working Mach. Co., Bucyrus, O.
Chambers Bros. Co., 52d St. n. Lancaster Av., Phila., Pa.
Huettemann & Cramer Co., 12 Sherman St., Detroit, Mich.
J. W. Penfield & Son, Willoughby, O.

Stevenson & Co., Wellsville, O.
Tiffin Agricultural Works, Tiffin, O.
Webster, Camp & Lane Machine Co., Akron, O.

H. CLAY MILLS.
American Clay Working Machine Co., Bucyrus, O.
Dickson Mfg. Co., Scranton, Pa.
Newell Universal Mill Co., 26 Cortlandt St., New York.
Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.
Taplin, Rice & Co., Akron, O.
Totten & Hogg Iron & Steel Foundry Co., Inc., Pittsb'g, Pa.

I. CLAY MILLS, TRAVERSE.
Taplin, Rice & Co., Akron, O.
Webster, Camp & Lane Machine Co., Akron, O.

J. CLAY MIXERS.
American Clay Working Mach. Co., Bucyrus, O.
Hughes Mfg. Co., Hamilton, O.
Walker & Elliott, Wilmington, Del.

K. CLAY PANS.
American Clay Working Mach. Co., Bucyrus, O.
Thomas Carlin's Sons, Allegheny, Pa.
Phillips & McLaren, Pittsburg, Pa.

L. CLAY PANS, DRY.
American Clay Working Mach. Co., Bucyrus, O.
Stevenson & Co., Wellsville, O.
Taplin, Rice & Co., Akron, O.
Webster, Camp & Lane Mach. Co., Akron, O.

M. CLAY SCREENS.
American Clay Working Mach. Co., Bucyrus, O.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Milton F. Williams & Co., 1417 N. 2d St., St. Louis, Mo.

N. CLAY STEAMERS.
American Clay Working Mach. Co., Bucyrus, O.
Spicer Mfg. Co., New Philadelphia, O.

O. CLAY TEMPERING MACHINES.
Charles W. Raymond & Co., Dayton, O.
Tiffin Agricultural Works, Tiffin, O.
Webster, Camp & Lane Machine Co., Akron, O.

P. CLAY WHEELS.
American Clay Working Mach. Co., Bucyrus, O.
D. J. C. Arnold, New London, O.
National Mfg. Co., Worcester, Mass.
Charles W. Raymond & Co., Dayton, O.

Q. DISINTEGRATORS & CRUSHERS COMBINED.
American Clay Working Mach. Co., Bucyrus, O.

R. STONE SEPARATORS.
American Clay Working Mach. Co., Bucyrus, O.
H. Brewer & Co., Tecumseh, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Henry Martin Brick Mach. Mfg. Co., Lancaster, Pa.
J. W. Penfield & Son, Willoughby, O.
Wallace Mfg. Co., Frankfort, Ind.

1969. CLOCK MACHINERY.
Blake & Johnson, Waterbury, Conn.

1970. CLOTH CUTTING MACHINES.
M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
Seelye Mfg. Co., 110 Lincoln St., Boston, Mass.
James Smith Woolen Mach. Co., 411 Race St., Phila., Pa.

1971. CLOTHES PIN MACHINERY.
Buss Machine Works, Grand Rapids, Mich.

1972. COAL & BALLAST RAKES.
Alvin Streeter, Winchendon, Mass.
Sheble & Klemm, Ashland n. Lewis, Philadelphia, Pa.

1973. COFFEE MACHINERY.
Barry-Wehmiller Machinery Co., St. Louis, Mo.
Robt. Poole & Son Co., Baltimore, Md.
Salem Iron Works, Salem, N. C.
George L. Squier Mfg. Co., Buffalo, N. Y.

A. COFFEE CENTRIFUGALS.
Salem Iron Works, Salem, N. C.

B. COFFEE CLASSIFIERS.
Blymyer Iron Works Co., Cincinnati, O.
Farmers' Handy Wagon Co., Saginaw, Mich.
Grant Ferris Co., Troy, N. Y.
S. Howes Co., Silver Creek, N. Y.

C. COFFEE CLEANERS.
Jabez Burns & Sons, 542 Greenwich St., New York.
Hungerford Bros. & Co., 29 Cortlandt St., New York.
Johnson & Field Mfg. Co., Racine, Wis.
George L. Squier Mfg. Co., Buffalo, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

D. COFFEE CRUSHERS.
Jabez Burns & Sons, 542 Greenwich St., New York.
George L. Squier Mfg. Co., Buffalo, N. Y.

E. COFFEE DRYERS.
American Mfg. Co., Waynesboro, Pa.
Hersey Mfg. Co., South Boston, Mass.
Hungerford Bros. & Co., 29 Cortlandt St., New York.
Salem Iron Works, Salem, N. C.
George L. Squier Mfg. Co., Buffalo, N. Y.

F. COFFEE HULLERS.
Blymyer Iron Works Co., Cincinnati, O.
Robt. Poole & Son Co., Baltimore, Md.
Salem Iron Works, Salem, N. C.
George L. Squier Mfg. Co., Buffalo, N. Y.

G. COFFEE MILL HOPPERS.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
George L. Squier Mfg. Co., Buffalo, N. Y.

H. COFFEE MILLS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Belknap Motor Co., Portland, Me.
Jabez Burns & Sons, 542 Greenwich St., New York.
Thomas Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
Enterprise Mfg. Co. of Pa., 3d & Dauphin St., Phila., Pa.
Fairbanks Co., 311 Broadway, New York.
S. Howes Co., Silver Creek, N. Y.
Landers, Frary & Clark, New Britain, Conn.
Lane Bros. Co., Poughkeepsie, N. Y.
Logan & Strobridge Iron Co., New Brighton, Pa.
L. J. Miller, 1233 Harrison Av., Cincinnati, O.
John T. Noye Mfg. Co., Buffalo, N. Y.
Charles Parker Co., Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
George L. Squier Mfg. Co., Buffalo, N. Y.
Henry Troemner, 710 Market St., Philadelphia, Pa.

I. COFFEE MILLS, FRENCH BUHR.
Warner Hardware Co., Freeport, Ill.

J. COFFEE POLISHERS.
Blymyer Iron Works Co., Cincinnati, O.
Jabez Burns & Sons, 542 Greenwich St., New York.
Hungerford Bros. & Co., 29 Cortlandt St., New York.
Salem Iron Works, Salem, N. C.
George L. Squier Mfg. Co., Buffalo, N. Y.

K. COFFEE PULPERS.
Blymyer Iron Works Co., Cincinnati, O.
Salem Iron Works, Salem, N. C.
George L. Squier Mfg. Co., Buffalo, N. Y.

L. COFFEE ROASTERS.
Fred. Akers, 16 Jay St., New York.
Bramhall-Deane Co., 264 Water St., New York.
Jabez Burns & Sons, 542 Greenwich St., New York.
T. B. C. Burpee, 2639 N. 17th St., Philadelphia, Pa.
Hungerford Bros. & Co., 29 Cortlandt St., New York.
M. F. Koenig, Hazleton, Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
Paxton Hardware Mfg. Co., Paxton, Ill.

M. COFFEE ROASTERS, GAS.
Buffalo Dental Mfg. Co., Buffalo, N. Y.

N. COFFEE SEPARATORS.
Jabez Burns & Sons, 542 Greenwich St., New York.
S. Howes Co., Silver Creek, N. Y.
Johnson & Field Co., Racine, Wis.
George L. Squier Mfg. Co., Buffalo, N. Y.

O. COFFEE SIFTERS.
Jabez Burns & Sons, 542 Greenwich St., New York.
National Mfg. Co., Worcester, Mass.
Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.

P. COFFEE WASHERS.
Blymyer Iron Works Co., Cincinnati, O.
Salem Iron Works, Salem, N. C.
George L. Squier Mfg. Co., Buffalo, N. Y.

1974. COFFIN FACTORY MACHINERY.
Buss Machine Works, Grand Rapids, Mich.

1975. COIN ACTUATED MACHINES.
L. Canda Co., Cincinnati, O.
Chicago Model Works, 179 E. Madison St., Chicago, Ill.

1976. COKE CRUSHERS.
Kenney & Co., Scottdale, Pa.
Stacy Mfg. Co., Cincinnati, O.
Vulcan Iron Works, Wilkes-Barre, Pa.

1977. COMBINATION HANDY TOOLS.
Model Mfg. Co., of Pa., 197 Huntingdon St., Phila., Pa.
Standard Tool Co., Cleveland, O.

1978. COMB MACHINERY.
F. H. Cook & Co., Leominster, Mass.

1979. COMPASSES.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
C. S. Osborne & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
L. S. Starrett Co., Athol, Mass.
West Mfg. Co., Buffalo, N. Y.

A. PENCIL COMPASSES.
Peck, Stow & Wilcox Co., Southington, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.

1980. COMPRESSORS.

A. AMMONIA COMPRESSORS.
Edward P. Allis Co., Milwaukee, Wis.
Guild & Garrison, Kent Av. c. S. 10th St., Brooklyn, N. Y.

B. CARBONIC ACID GAS COMPRESSORS.
Clayton Air Compressor Works, 26 Cortlandt St., New York.

O. GAS COMPRESSORS.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Norwalk Iron Works Co., South Norwalk, Conn.

1981. CONCRETE MIXERS.
Thomas Carlin's Sons, Allegheny, Pa.
Contractors' Plant Mfg. Co., Buffalo, N. Y.

1982. CONFECTIONERS' MACHINES.

Coleman Patent Candy Mould & Mfg. Co., New York.
Crandall & Godley Co., 157 Franklin St., New York.
Hillyard & Co., 75 Fulton St., New York.
Thomas Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.
National Candy Mould & Mfg. Co., Dayton, O.
Sidney E. Smith, 75 Fulton St., New York.

A. CANDY CUTTERS. J. P. Anderson & Co., 422 N. 6th St., Philadelphia, Pa.
Crandall & Godley, 157 Franklin St., New York.

B. CANDY PANS. Crandall & Godley, 157 Franklin St., New York.
D. Picking & Co., Bucyrus, O.

C. COCOANUT DESICCATORS. American Mfg. Co., Waynesboro, Pa.
Crandall & Godley, 157 Franklin St., New York.

D. CONFECTIONERS' ICEING BAGS. B. F. Goodrich Co., Akron, Summit Co., O.

E. CONFECTIONERS' JACKET KETTLES. Thomas Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.
George F. Motter & Sons, York, Pa.

F. CONFECTIONERS' MOULDS. Coleman Patent Candy Mould Mfg. Co., New York.
Eppelsheimer & Co., 159 Bleecker St., New York.
National Candy Mould & Mfg. Co., Dayton, O.
Sidney E. Smith, 75 Fulton St., New York.

G. CONFECTIONERS' TOOLS. McDowell Oven Co., 121 Haverhill St., Boston, Mass.
Thomas Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.
Sidney E. Smith, 75 Fulton St., New York.

H. CONFECTIONERS' UTENSILS. J. P. Anderson & Co., 422 N. 6th St., Philadelphia, Pa.
George Endriss, 700 N. 3d St., Philadelphia, Pa.
William Hart, 34 Catharine St., New York.
McDowell Oven Co., 121 Haverhill St., Boston, Mass.

I. EGG BEATING MACHINES. Crandall & Godley, 157 Franklin St., New York.
J. H. Day & Co., Harrison Av. & Bogan St., Cincinnati, O.

J. REVOLVING STEAM PANS. J. H. Day & Co., Cincinnati, O.

1983. CONVEYING MACHINERY.

Edward P. Allis Co., Milwaukee, Wis.
C. O. Bartlett & Co., Cleveland, O.
Chain Belt Co., Milwaukee, Wis.
W. J. Clark Co., Salem, O.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
C. W. Hunt Co., 45 Broadway, New York.
Irwin Auger Bit Co., Wilmington, O.
Jeffrey Mfg. Co., Columbus, O.
Link-Belt Engineering Co., Nicetown, Philadelphia, Pa.
Walker & Elliot, Wilmington, Del.

A. ADJUSTING BOXES. Jeffrey Mfg. Co., Columbus, O.

B. BELT CONVEYORS. American Tool & Mach. Co., 109 Beach St., Boston, Mass.
Thomas Carlin's Sons, Allegheny, Pa.
Chain Belt Co., Milwaukee, Wis.
Jeffrey Mfg. Co., Columbus, O.
Webster Mfg. Co., 133 S. Clinton St., Chicago, Ill.

C. CABLE CONVEYORS. Jeffrey Mfg. Co., Columbus, O.

D. CLINKER CONVEYORS. Jeffrey Mfg. Co., Columbus, O.

E. COAL CONVEYORS. Chain Belt Co., Milwaukee, Wis.
Dickson Mfg. Co., Scranton, Pa.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Kenney & Co., Scottdale, Pa.
Farrel Logan & Son, 52 Commercial St., Brooklyn, N. Y.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Vulcan Iron Works, Wilkes-Barre, Pa.

F. CONVEYOR PANS. W. J. Clark Co., Salem, O.

G. CONVEYOR SHAFTS & FLIGHTS. N. P. Bowsher Co., South Bend, Ind.
W. J. Clark Co., Salem, O.
Thomas Dimond, 128 W. 33d St., New York.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

H. ELEVATOR BOOTS. Chain Belt Co., Milwaukee, Wis.
Jeffrey Mfg. Co., Columbus, O.
Nordyke & Marmon Co., Indianapolis, Ind.
E. H. Pease Mfg. Co., Racine, Wis.
Thornburgh-Creel Co., 241 S. Jefferson St., Chicago, Ill.

I. ELEVATOR CUPS. Chain Belt Co., Milwaukee, Wis.
W. J. Clark Co., Salem, O.
Leonard D. Harrison, New Haven, Conn.
Nordyke & Marmon Co., Indianapolis, Ind.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

J. FERTILIZER CONVEYORS. Robt. Poole & Son Co., Baltimore, Md.

K. FLOUR CONVEYORS. Chain Belt Co., Milwaukee, Wis.
John T. Noye Mfg. Co., Buffalo, N. Y.

Sprout, Waldron & Co., Muncy, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

L. FREIGHT CONVEYORS.
Chain Belt Co., Milwaukee, Wis.
Industrial Works, Bay City, Mich.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

M. GRAIN ELEVATOR CONVEYORS.
Chain Belt Co., Milwaukee, Wis.
Nordyke & Marmon Co., 1007 Morris St., Indianapolis, Ind.
Thornburgh-Creel Co., 241 S. Jefferson St., Chicago, Ill.
Webster Mfg. Co., 133 S. Clinton St., Chicago, Ill.

N. LINK BELT CONVEYORS.
Chain Belt Co., Milwaukee, Wis.

O. ROCK & ORE CONVEYORS.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

P. SEAMLESS STEEL CONVEYOR BOXES.
Avery Stamping Co., Cleveland, O.

Q. SPECIAL CONVEYORS.
Jeffrey Mfg. Co., Columbus, O.

R. STEEL SPIRAL CONVEYORS.
American Tool & Mach. Co., 109 Beach St., Boston, Mass.
Skillin-Richards Mfg. Co., Jefferson St., Chicago, Ill.
Webster Mfg. Co., 133 S. Clinton St., Chicago, Ill.

1984. COOPERS' MACHINERY.

S. Adams & Son, Rome, N. Y.
Ames Plow Co., Boston, Mass.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Buss Machine Works, Grand Rapids, Mich.
Defiance Machine Works, Defiance, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
George J. Fritz, 2018 S. 3d St., St. Louis, Mo.
M. Garland Co., Bay City, Mich.
Peter Gerlach & Co., Cleveland, O.
G. N. Goodspeed, Winchendon, Mass.
R. Hoe & Co., New York.
E. & B. Holmes Machinery Co., Buffalo, N. Y.
Merritt Mfg. Co., Lockport, N. Y.
John S. Oram, Cleveland, O.
J. W. Ruger Mfg. Co., 214 Chicago St., Buffalo, N. Y.
Sandusky Tool Co., Sandusky, O.
Alvin Streeter, Winchendon, Mass.
Trevor Mfg. Co., Lockport, N. Y.
L. & I. J. White Co., Buffalo, N. Y.
Baxter D. Whitney, Winchendon, Mass.

A. CYLINDER SAWS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20

B. SETTING UP MACHINES.
Morgan Machine Co., Rochester, N. Y.

1985. COOPERS' TOOLS.

American Axe & Tool Co., Pittsburg, Pa.
Atha Tool Co., Newark, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
H. Chapin's Sons Co., Pine Meadow, Conn.
Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
Collins Co., Collinsville, Conn.
C. Drew & Co., Kingston, Mass.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
R. J. Flowers, Cairo, Ill.
Globe Mfg. Co., Anderson, Ind.
M. Gregg & Son, Rochester, N. Y.
Iron City Tool Works, Ltd., Pittsburg, Pa.
S. K. Lovewell & Co., Chelsea, Mass.
Ohio Tool Co., Columbus, O.
Piqua Handle & Mfg. Co., Piqua, O.
Sandusky Tool Co., Sandusky, O.
E. C. Stearns & Co., Syracuse, N. Y.
James Swan Co., Seymour, Conn.
Trevor Mfg. Co., Lockport, N. Y.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
L. & I. J. White Co., Buffalo, N. Y.

1986. CORDAGE MACHINERY.

James Brown, Pawtucket, R. I.
John Good Cordage Co., Wash'ton c. Park Av., B'klyn, N. Y.
Lockwood Mfg. Co., East Boston, Mass.
S. K. Lovewell & Co., Chelsea, Mass.
Watson Machine Co., Paterson, N. J.

1987. CORSET CUTTING BLOCKS.

J. Gibb Smith Co., New Haven, Conn.

1988. CORSET STEEL TIPPING MACHINES.

E. B. Stimpson & Co., 31 Spruce St., New York.

1989. COTTON GIN MACHINERY.

W. T. Adams Mach. Co., Corinth, Miss.

	Eagle Cotton Gin Co., Bridgewater, Mass.
	Winship Machine Co., Atlanta, Ga.
A. COTTON GIN FEEDERS & CONDENSERS.	Brown Cotton Gin Co., New London, Conn.
	Carver Cotton Gin Co., East Bridgewater, Mass.
	Eagle Cotton Gin Co., Bridgewater, Mass.
	Frick Co., Waynesboro, Pa. *9
	Gullett Gin Co., Amite City, La.
	Hall Self-Feeding Cotton Gin Co., Sing Sing, N. Y.
	Kingsland Mfg. Co., St. Louis, Mo.
	Munger Improved Cotton Machine Mfg. Co., Dallas, Tex.
	Northington, Munger, Pratt Co., Birmingham, Ala.
	Daniel Pratt Gin Co., Prattville, Ala.
	Smith Sons Gin & Machine Co., Birmingham, Ala.
	E. Van Winkle Gin & Machine Works, Atlanta, Ga.
	Winship Machine Co., Atlanta, Ga.
B. COTTON GIN FEEDERS, AUTOMATIC.	Kingsland Mfg. Co., St. Louis, Mo.
	Smith Sons Gin & Machine Co., Birmingham, Ala.
C. COTTON GIN LINT FLUES.	Northington, Munger, Pratt Co., Birmingham, Ala.
	Winship Machine Co., Atlanta, Ga.
D. COTTON GIN OUTFITS.	H. Dudley Coleman & Co., New Orleans, La.
	Gullett Gin Co., Amite City, La.
E. COTTON GIN PARTS.	Brown Cotton Gin Co., New London, Conn.
	Lombard Iron Works & Supply Co., Augusta, Ga.
F. COTTON GIN PINS.	Brown Cotton Gin Co., New London, Conn.
	William Crabb & Co., Newark, N. J.
	E. Van Winkle Gin & Machine Works, Atlanta, Ga.
G. COTTON GINS.	B. F. Avery & Sons, Louisville, Ky.
	Brown Cotton Gin Co., New London, Conn.
	Carver Cotton Gin Co., East Bridgewater, Mass.
	Eagle Cotton Gin Co., Bridgewater, Mass.
	Frick Co., Waynesboro, Pa. *9
	Gullett Gin Co., Amite City, La.
	Hall Self-Feeding Cotton Gin Co., Sing Sing, N. Y.
	Kingsland Mfg. Co., 1521 N. 11th St., St. Louis, Mo.
	Lee Gin & Machine Co., Memphis, Tenn.
	Longview Kelly Plow Co., Longview, Tex.
	Munger Improved Cotton Machine Mfg. Co., Dallas, Tex.
	Northington, Munger, Pratt Co., Birmingham, Ala.
	Daniel Pratt Gin Co., Prattville, Ala.
	Smith Sons Gin & Machine Co., Birmingham, Ala.
	Southern Agricultural Works, Atlanta, Ga.
	Valk & Murdoch Iron Works, Charleston, S. C.
	E. Van Winkle Gin & Machine Co., Atlanta, Ga.
	S. R. White & Bro., Norfolk, Va.
	Winship Machine Co., Atlanta, Ga.
H. COTTON GIN SAW FILES.	Atlanta Machinery Co., Atlanta, Ga.
	Heller & Bros., Newark, N. J.
	Munger Improved Cotton Machine Mfg. Co., Dallas, Tex.
I. COTTON GINS, HAND.	Brown Cotton Gin Co., New London, Conn.
	Eagle Cotton Gin Co., Bridgewater, Mass.
J. COTTON GINS, HULLER.	Gullett Gin Co., Amite City, La.
	Winship Machine Co., Atlanta, Ga.
K. COTTON GINS, SEA ISLAND.	Lombard Iron Works & Supply Co., Augusta, Ga.

1990. COTTON SEED MACHINERY.

A. COTTON SEED CLEANERS.	G. H. Bushnell Press Co., Thompsonville, Conn.
B. COTTON SEED CRUSHERS.	Barbour Machine Works, Anniston, Ala.
	Boomer & Boschert Press Co., Syracuse, N. Y.
	Cardwell Machine Co., Richmond, Va.
	Chattanooga Plow Co., Chattanooga, Tenn.
	Foos Mfg. Co., Springfield, O.
	L. J. Miller, 1233 Harrison Av., Cincinnati, O.
	E. Van Winkle Gin & Machine Works, Atlanta, Ga.
C. COTTON SEED CRUSHING ROLLS.	G. H. Bushnell Press Co., Thompsonville, Conn.
	George J. Fritz, 2008 S. 3d St., St. Louis, Mo.
	Lobdell Car Wheel Co., Wilmington, Del.
D. COTTON SEED HULLERS.	Boomer & Boschert Press Co., Syracuse, N. Y.
	G. H. Bushnell Press Co., Thompsonville, Conn.
	Foos Mfg. Co., Springfield, O.
	George J. Fritz, 2008 S. 3d St., St. Louis, Mo.
	Livermore Foundry & Machine Co., Memphis, Tenn.
	E. Van Winkle Gin & Machine Works, Atlanta, Ga.
E. COTTON SEED LINTERS.	Advance Gin & Mill Co., Vicksburg, Miss.
	Belton Oil Co., Belton, Tex.
	Brown Cotton Gin Co., New London, Conn.
	Ennis Cotton Oil & Ginning Co., Ennis, Tex.

Jacksonville Oil Mill Co., Jacksonville, Ala.
Mutual Cotton Oil Co., Columbus, Ga.
Taylor Cotton Oil Works, Taylor, Tex.
E. Van Winkle Gin & Machine Works, Atlanta, Ga.

F. COTTON SEED OIL MACHINERY.
Buckeye Iron & Brass Works, Dayton, O.
G. H. Bushnell Press Co., Thompsonville, Conn.
Carver Cotton Gin Co., East Bridgewater, Mass.
Fort Worth Iron Works, Fort Worth, Tex.
L. J. Miller, 1233 Harrison St., Cincinnati, O.
Northington, Munger, Pratt Co., Birmingham, Ala.
E. Van Winkle Gin & Machine Works, Atlanta, Ga.

G. COTTON SEED SEPARATORS.
G. H. Bushnell Press Co., Thompsonville, Conn.

H. COTTON SEED SPIRAL CONVEYORS.
E. Van Winkle Gin & Machine Works, Atlanta, Ga.
Winship Machine Co., Atlanta, Ga.

I. SEED COTTON ELEVATORS.
E. Van Winkle Gin & Machine Works, Atlanta, Ga.
Winship Machine Co., Atlanta, Ga.

J. SEED MEAL MOULDERS.
G. H. Bushnell Press Co., Thompsonville, Conn.
George J. Fritz, 2008 S. 3d St., St. Louis, Mo.

1991. COUNTERSINKS.
Billings & Spencer Co., Hartford, Conn.
Cleveland Twist Drill Co., Cleveland, O.
Amos H. & J. S. Deuse, Chester, Conn.
Irwin Auger Bit Co., Wilmington, O.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
H. H. Mayhew & Co., Shelburne Falls, Mass.
H. M. Norton & Co., Chester, Conn.
Otis A. Smith, Rockfall, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Stanley Ruler & Level Co., New Britain, Conn.
James Swan Co., Seymour, Conn.
Syracuse Twist Drill Co., Syracuse, N. Y.
Samuel C. Tatum Co., Water & John Sts., Cincinnati, O.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

A. RADIAL COUNTERSINKING MACHINES.
Detrick & Harvey Machine Co., Baltimore, Md.

1992. COUNTING MACHINES.
W. N. Durant, Milwaukee, Wis.
Felt & Tarrant Mfg. Co., 52 Illinois St., Chicago, Ill.
C. J. Root, Bristol, Conn.

A. AUTOMATIC MECHANISMS.
D. S. Plumb, 24 Boudinot St., Newark, N. J.

B. FLOUR TALLIES.
W. N. Durant, 234 22d St., Milwaukee, Wis.

C. REGISTERING MECHANISMS.
D. S. Plumb, 24 Boudinot St., Newark, N. J.

D. SPECIAL COUNTING MACHINES.
McDonnell Odometer Co., S. Kedzie Av., Chicago, Ill.

E. TALLY COUNTERS.
McDonnell Odometer Co., S. Kedzie Av., Chicago, Ill.

1993. CRADLE & CONE INDIGO MILLS.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.

1994. CROSS ARM MACHINES.
Chattanooga Machinery Co., Chattanooga, Tenn.

1995. CRUCIBLE SHANKS.
Byram & Co., Detroit, Mich.

1996. DAIRY MACHINERY.
C. S. Chapman Separator Works, Erie, Pa.
Oakes & Burger, Cattaraugus, N. Y.

A. AUTOMATIC MILK WEIGHERS.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.

B. BUTTER & CHEESE TRIERS.
D. H. Burrell Co., Little Falls, N. Y.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
Humason & Beckley Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Vermont Farm Machine Co., Bellows Falls, Vt.

C. BUTTER CARRIERS.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

D. BUTTER EXTRACTORS.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Frank L. Jones, Utica, N. Y.
Vermont Farm Machine Co., Bellows Falls, Vt.

E. BUTTER FACTORY APPARATUS.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Frank L. Jones, Utica, N. Y.

Charles Millar & Son, Utica, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
A. H. Reid, 3000 Market St., Philadelphia, Pa.

F. BUTTER MOULDS.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

G. BUTTER PRINTERS.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Frank L. Jones, Utica, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Barnet R. Rapp, West Chester, Pa.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

H. BUTTER WORKERS.
D. T. Barclay, Elgin, Ill.
Blakeman & Dobson Mfg. Co., Rockford, Ill.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
Flint Cabinet Creamery Co., Flint, Mich.
D. H. Gowing, Syracuse, N. Y.
Frank L. Jones, Utica, N. Y.
Moseley & Pritchard Mfg. Co., Clinton, Iowa.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Oakes & Burger, Cattaraugus, N. Y.
H. H. Palmer Co., Rockford, Ill.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Thatcher Mfg. Co., Potsdam, N. Y.
True Dairy Supply Co., Syracuse, N. Y.
Union Mfg. Co., Toledo, O.
Vermont Farm Machine Co., Bellows Falls, Vt.

I. BUTTER WORKERS, POWER.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
Oakes & Burger, Cattaraugus, N. Y.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

J. BUTTER WORKING UTENSILS.
Vermont Farm Machine Co., Bellows Falls, Vt.

K. CENTRIFUGAL CREAM SEPARATORS.
D. H. Burrell & Co., Little Falls, N. Y.
J. G. Cherry, Cedar Rapids, Iowa.
De Laval Separator Co., 74 Cortlandt St., New York.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
P. M. Sharpless, West Chester, Pa.

L. CHEESE BOX MACHINES.
Oakes & Burger, Cattaraugus, N. Y.

M. CHEESE FACTORY APPARATUS.
A. H. Barber Mfg. Co., 229 S. Water St., Chicago, Ill.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene, Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
Frank L. Jones, Utica, N. Y.
Charles Millar & Son, Utica, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Vermont Farm Machine Co., Bellows Falls, Vt.

N. CHEESE HOOPS.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Frank L. Jones, Utica, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Oakes & Burger, Cattaraugus, N. Y.
Southern Agricultural Works, Atlanta, Ga.
Vermont Farm Machine Co., Bellows Falls, Vt.

O. CHEESE PRESSES.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
D. H. Gowing, Syracuse, N. Y.
Frank L. Jones, Utica, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Vermont Farm Machine Co., Bellows Falls, Vt.

P. CHEESE PRESSES, GANG.
Oakes & Burger, Cattaraugus, N. Y.
Vermont Farm Machine Co., Bellows Falls, Vt.

Q. CHEESE SCALE BOARDS.
Dairyman's Supply Co., 1937 Market St., Philadelphia, Pa.
Oakes & Burger, Cattaraugus, N. Y.

R. CHEESE VATS.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Frank L. Jones, Utica, N. Y.
Charles Millar & Son, Utica, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Oakes & Burger, Cattaraugus, N. Y.

Petaluma Incubator Co., Petaluma, Cal.
Vermont Farm Machine Co., Bellows Falls, Vt.

S. CHEESE VATS, STEAM.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
D. H. Gowing, Syracuse, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Vermont Farm Machine Co., Bellows Falls, Vt.

T. CHURN ATTACHMENTS, WINDMILL.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Duplex Mfg. Co., South Superior, Wis.
Elgin Wind Power & Pump Co., Elgin, Ill.
Sandwich Mfg. Co., Sandwich, Ill.

U. CHURN POWERS.
H. F. Batcheller & Son, Rock Falls, Ill.
Booth & Rockwell, Monroeton, Pa.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
John McDermaid, Rockford, Ill.
S. S. Messinger & Son, Tatamy, Pa.
H. H. Palmer Co., Rockford, Ill.
Vermont Farm Machine Co., Bellows Falls, Vt.

V. CHURNS.
Ames Plow Co., Boston, Mass.
Aspinwall Mfg. Co., Jackson, Mich.
D. F. Barclay, Elgin, Ill.
H. F. Batcheller & Son, Rock Falls, Ill.
Birmingham Fire Brick Works, Birmingham, Ala.
Bonsfield & Co., Inc., Bay City, Mich.
John Boyd, 199 Lake St., Chicago, Ill.
H. F. Brammer Mfg. Co., Davenport, Iowa.
M. Brown & Co., Wapakoneta, O.
Buckeye Churn Co., Sidney, O.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill.
H. P. Deuscher Co., Hamilton, O.
Dobson Mfg. Co., Rockford, Ill.
Wyman L. Edson, Union Centre, N. Y.
A. B. Farquhar Co., Ltd., York, Pa.
R. W. Fenner, South Stockton, N. Y.
Flint Cabinet Creamery Co., Flint, Mich.
D. H. Gowing, Syracuse, N. Y.
Horton Mfg. Co., Fort Wayne, Ind.
John Hosford, Monroeville, O.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Frank L. Jones, Utica, N. Y.
John McDermaid, Rockford, Ill.
Menasha Woodenware Co., Menasha, Wis.
Mosiley & Pritchard Mfg. Co., Clinton, Iowa.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
H. H. Palmer Co., Rockford, Ill.
Prewitt, Spurr & Co., Nashville, Tenn.
Racine Malleable & Wrought Iron Co., Racine, Wis.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Richmond Cedar Works, Ltd., Richmond, Va.
St. Albans Foundry Co., St. Albans, Vt.
Standard Churn Co., Wapakoneta, O.
Union Mfg. Co., Toledo, O.
Vandergrift Mfg. Co., Jamestown, N. Y.
Vermont Farm Machine Co., Bellows Falls, Vt.
Anthony Wayne Mfg. Co., Fort Wayne, Ind.

W. CHURNS, AUTOMATIC.
American Novelty Co., Stevens Point, Wis.

X. CHURNS, BARREL.
R. W. Fenner, South Stockton, N. Y.
John McDermaid, Rockford, Ill.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Standard Churn Co., Wapakoneta, O.
Vermont Farm Machine Co., Bellows Falls, Vt.

Y. CHURNS, BOX.
Ames Plow Co., Boston, Mass.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
R. W. Fenner, South Stockton, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

Z. CHURNS, FACTORY.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

AA. CHURNS, OIL TEST.
N. S. Andrews, Dubuque, Iowa.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Wyman L. Edson, Union Centre, N. Y.

BB.	CHURNS, POWER.	Creamery Package Mfg. Co., 1 W. Wash'ton St., Chicago, Ill
		D. H. Gowing, Syracuse, N. Y.
		Moseley & Stoddard Mfg. Co., Rutland, Vt.
		A. H. Reid, 3000 Market St., Philadelphia, Pa.
		Vermont Farm Machine Co., Bellows Falls, Vt.
CC.	CHURNS, REVOLVING.	Standard Churn Co., Wapakoneta, O.
DD.	CHURNS, STEEL.	Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
EE.	CHURNS, SWING.	Vermont Farm Machine Co., Bellows Falls, Vt.
		Wisconsin Dairy Supply Co., Whitewater, Wis.
FF.	CHURNS, THERMOMETER.	Ames Plow Co., Boston, Mass.
GG.	COMBINED CHURNS & BUTTER WORKERS.	A. H. Barber Mfg. Co., 229 S. Water St., Chicago, Ill.
		Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
		Milne Mfg. Co., Monmouth, Ill.
		Owatouna Mfg. Co., Owatouna, Minn.
HH.	COOLING VATS.	Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
		Flint Cabinet Creamery Co., Flint, Mich.
		D. H. Gowing, Syracuse, N. Y.
		Frank L. Jones, Utica, N. Y.
		Moseley & Stoddard Mfg. Co., Rutland, Vt.
		A. H. Reid, 3000 Market St., Philadelphia, Pa.
		Vermont Farm Machine Co., Bellows Falls, Vt.
II.	CORK CHURN STRIPS.	Armstrong Cork Co., Pittsburg, Pa.
JJ.	CREAM MEASURES & GAUGES.	Thomas Mills & Bro., 1301 N. 8th St., Philadelphia, Pa.
KK.	CREAM RAISERS.	Billett & Marshall, Whitewater, Wis.
		John Boyd, 199 Lake St., Chicago, Ill.
		Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
		Flint Cabinet Creamery Co., Flint, Mich.
		D. H. Gowing, Syracuse, N. Y.
		Grand Rapids Refrigerator Co., Grand Rapids, Mich.
		A. R. Hoard, Fort Atkinson, Wis.
		Frank L. Jones, Utica, N. Y.
		Moseley & Pritchard Mfg. Co., Clinton, Iowa.
		Moseley & Stoddard Mfg. Co., Rutland, Vt.
		H. H. Palmer Co., Rockford, Ill.
		Smith & Jones, Utica, N. Y.
		Utica Dairy & Milk Co., Utica, N. Y.
		Vermont Farm Machine Co., Bellows Falls, Vt.
LL.	CREAM SEPARATOR BOWLS, STEEL.	Avery Stamping Co., Cleveland, O.
MM.	CREAM SEPARATORS.	C. L. Chapman Separator Works, Erie, Pa.
		Vermont Farm Machine Co., Bellows Falls, Vt.
NN.	CREAM TESTERS.	Dairymen's Supply Co., 1937 Market St., Philadelphia, Pa.
		Wyman L. Edson, Union Centre, N. Y.
		Vermont Farm Machine Co., Bellows Falls, Vt.
OO.	CREAM VATS.	D. H. Burrell & Co., Little Falls, N. Y.
		Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
		Flint Cabinet Creamery Co., Flint, Mich.
		D. H. Gowing, Syracuse, N. Y.
		Frank L. Jones, Utica, N. Y.
		Moseley & Stoddard Mfg. Co., Rutland, Vt.
		Oakes & Burger, Cattaraugus, N. Y.
		Petaluma Incubator Co., Petaluma, Cal.
		A. H. Reid, 3000 Market St., Philadelphia, Pa.
		Vermont Farm Machine Co., Bellows Falls, Vt.
PP.	CURD COOLERS.	Oakes & Burger, Cattaraugus, N. Y.
QQ.	CURD KNIVES.	D. H. Burrell & Co., Little Falls, N. Y.
RR.	CURD MILLS.	D. H. Burrell & Co., Little Falls, N. Y.
		Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
		Charles Millar & Son, Utica, N. Y.
		Oakes & Burger, Cattaraugus, N. Y.
		George D. Pohl, Ava, N. Y.
SS.	DAIRY ENGINES.	J. G. Cherry, Cedar Rapids, Iowa.
		Westinghouse Co., Schenectady, N. Y.
TT.	DAIRY TANKS.	Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
		Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill
		Stover Mfg. Co., Freeport, Ill.
		U. S. Wind Engine & Pump Co., Batavia, Ill.
		Vermont Farm Machine Co., Bellows Falls, Vt.
		Winship Mfg. Co., Racine, Wis.
		Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
UU.	MILK AERATORS.	Champion Milk Cooler Co., Cortland, N. Y.
		Frank L. Jones, Utica, N. Y.
		L. R. Lewis, Cortland, N. Y.
		Star Milk Cooler Co., Haddonfield, N. J.
		Vermont Farm Machine Co., Bellows Falls, Vt.

VV. MILK BOTTLE WASHERS. Vilter Mfg. Co., Milwaukee, Wis.
WW. MILK CAN WASHERS. Barnet R. Rapp, West Chester, Pa.
XX. MILK COOLERS. Automatic Cooler Mfg. Co., Rockdale, Tex.
D. F. Barclay, Elgin, Ill.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Frank L. Jones, Utica, N. Y.
Oakes & Burger, Cattaraugus, N. Y.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Herman Strater & Sons, Boston, Mass.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vermont Farm & Machine Co., Bellows Falls, Vt.
Orrin M. Whitman & Co., Boston, Mass.
YY. MILK RECEIVING VATS. Vermont Farm Machine Co., Bellows Falls, Vt.
ZZ. MILK TESTING MACHINES. D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
A. H. Reid, 3000 Market St., Philadelphia, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

1997. DARNING MACHINES. Singer Mfg. Co., 561 Broadway, New York.

1998. DART MAKING MACHINES.
Dart Making Machine Co., Hartford, Conn.

1999. DISINFECTING MACHINERY, QUARANTINE STATION.
H. Dudley Coleman, New Orleans, La.

2000. DISK SHARPENERS. Wilson Iron Works, 173 E. Randolph St., Chicago, Ill.

2001. DISK WHEELS. Buffalo Forge Co., Buffalo, N. Y.

2002. DISTILLERY MACHINERY.
Blymyer Iron Works Co., Cincinnati, O.
Nordyke & Marmon Co., Indianapolis, Ind.
Juan G. Ribon, Jersey City, N. J.
George L. Squier Mfg. Co., Buffalo, N. Y.
A. SELF-ACTING MASH MACHINES. Andrew Jochum, 148 E. 50th St., New York.

2003. DITCHING MACHINES.
American Road Machine Co., Kennett Square, Pa.
F. C. Austin Mfg. Co., Harvey, Ill.
Benicia Agricultural Works, Benicia, Cal.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Enterprise Mfg. Co., Columbiana, O.
Marion Steam Shovel Co., Marion, O.
Osgood Dredge Co., Albany, N. Y.
A. COUNTY DITCHERS. Marion Steam Shovel Co., Marion, O.
B. DITCHERS & EXCAVATORS. F. C. Austin Mfg. Co., Harvey, Ill.
Benicia Agricultural Works, Benicia, Cal.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Marion Steam Shovel Co., Marion, O.
Western Wheeled Scraper Co., Aurora, Ill.
C. DITCHING SCRAPERS. Sidney Steel Scraper Co., Sidney, O.
D. DRAINAGE TOOLS. Eureka Digger Co., 142 Huron St., Chicago, Ill.
George Griffiths Co., 511 Locust St., Philadelphia, Pa.
Iwan Bros., Streator, Ill.
H. M. Myers Co., Beaver Falls, Pa.
T. Rowland's Sons, 611 Bourse, Philadelphia, Pa.
St. Louis Shovel Co., St. Louis, Mo.
E. RAILROAD DITCHERS. F. C. Austin Mfg. Co., Harvey, Ill.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Marion Steam Shovel Co., Marion, O.
F. TILE DITCHING MACHINERY. F. C. Austin Mfg. Co., Harvey, Ill.
H. L. Bennett & Co., Westerville, O.

2004. DIVIDERS. Athol Machine Co., Athol, Mass.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
William Johnson, Newark, N. J.
Kraeuter & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
L. S. Starrett Co., Athol, Mass.
J. Stevens Arms Tool Co., Chicopee Falls, Mass.
Tower & Lyon, 95 Chambers St., New York.
Wright Wrench Co., Worcester, Mass.
A. COMBINATION DIVIDERS. L. S. Starrett Co., Athol, Mass.
B. DIVIDER BALL POINTS. L. S. Starrett Co., Athol, Mass.

2005. DRAG SCRAPERS. J. D. Adams & Co., Indianapolis, Ind.
S. Adams & Sons, Rome, N. Y.
American Road Machine Co., Kennett Square, Pa.
American Steel Scraper Co., Sidney, O.
Ames Plow Co., Boston, Mass.
F. C. Austin Mfg. Co., Harvey, Ill.

E. Bement & Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
David Bradley Mfg. Co., Bradley, Ill.
Brennan & Co., Louisville, Ky.
W. Eddy Plow Co., Greenwich, N. Y.
William P. Ford & Co., Concord, N. H.
James L. Haven Co., Cincinnati, O.
Hocking Valley Mfg. Co., Lancaster, O.
H. N. Hubbard, 18 Cliff St., New York.
Jackson Flue Scraper Co., Jackson, Mich.
Kansas City Wheel Scraper Co., Kansas City, Mo.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Matteson & Williamson Mfg. Co., Stockton, Cal.
Morrison Mfg. Co., Fort Madison, Iowa.
J. S. & M. Peckham Co., Utica, N. Y.
Sidney Steel Scraper Co., Sidney, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Weir Plow Co., Monmouth, Ill.
Western Wheeled Scraper Co., Aurora, Ill.

A. DRAG SCRAPERS, REVOLVING. American Steel Scraper Co., Sidney, O.

2006. DRAUGHTSMEN'S TOOLS.

A. DRAUGHTSMEN'S LINERS. W. Gardam & Sons, 47 Rose St., New York.
L. S. Starrett Co., Athol, Mass.

B. STEEL TRIANGLES. Brown & Sharpe Mfg. Co., Providence, R. I.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.

C. STEEL "T" SQUARES. Brown & Sharpe Mfg. Co., Providence, R. I.
L. S. Starrett Co., Athol, Mass.

D. TRAMMEL POINTS. Athol Machine Co., Athol, Mass.
Standard Tool Co., Athol, Mass.
Stanley Rule & Level Co., New Britain, Conn.
L. S. Starrett Co., Athol, Mass.
Tower & Lyon, 95 Chambers St., New York.

E. WOOD "T" SQUARES. Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.

2007. DREDGING MACHINERY.

Vulcan Iron Works, 59 Milwaukee Av., Chicago, Ill.

A. BOOM DREDGES. Marion Steel Shovel Co., Marion, O.
Osgood Dredge Co., Albany, N. Y.

B. DREDGE BUCKETS. W. J. Clark Co., Salem, O.
North & Judd Mfg. Co., New Britain, Conn. *32

C. DREDGE HULLS. Marion Steam Shovel Co., Marion, O.

D. DREDGES. Marion Steel Shovel Co., Marion, O.
Morris & Cummings Dredging Co., 24 State St., New York.
Osgood Dredge Co., Albany, N. Y.
Portland Co., Portland, Me.
Sheriff Mfg. Co., Milwaukee, Wis.
Stearns Mfg. Co., Erie, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

E. PLACER MINING DREDGES. A. J. Beckley & Co., Garwood, N. J.
Hammond Mfg. Co., Portland, Ore.

F. STEAM DREDGES. Marion Steam Shovel Co., Marion, O.
J. S. Mundy, Newark, N. J.
Robt. Poole & Son Co., Baltimore, Md.
Vulcan Iron Works, 59 Milwaukee Av., Chicago, Ill.

2008. DRUGGISTS' IRONS. Chalfant Mfg. Co., Atglen, Pa.

2009. DRYING APPARATUS.

American Mfg. Co., Waynesboro, Pa.
Backus Water Motor Co., Newark, N. J.
C. O. Bartlett & Co., Cleveland, O.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Hersey Mfg. Co., South Boston, Mass.
Simonds Furnace Co., 50 Cliff St., New York.
B. F. Sturtevant Co., Boston, Mass.

A. DISTILLERS' STOP DRYERS. J. E. Turney Drying Machy. Co., 41 W. Randolph, Chic., Ill.

B. FERTILIZER DRYERS. Hersey Mfg. Co., South Boston, Mass.
Rawson & Morrison Mfg. Co., Inc., Cambridgeport, Mass.
Struthers, Wells & Co., Warren, Pa.
J. E. Turney Drying Machy. Co., 41 W. Randolph, Chic., Ill.

C. FISH DRYERS. American Mfg. Co., Waynesboro, Pa.

D. FRUIT DRYING HEATERS. Blymyer Iron Works Co., Cincinnati, O.

E. GRAIN DRYERS. American Mfg. Co., Waynesboro, Pa.
Case Mfg. Co., Columbus, O.

Cutler Co., West Wilbraham, Mass.
Great Western Mfg. Co., Leavenworth Kan.
Hersey Mfg. Co., South Boston, Mass.
S. Howes Co., Silver Creek, N. Y.
Jeffrey Mfg. Co., Columbus, O.
Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
Nordyke & Marmon Co., Indianapolis, Ind.
Paine-Ellis Grain Drier Co., Milwaukee, Wis.
Pawling & Harnischfeger, Milwaukee, Wis.
Rawson & Morrison Mfg. Co., Inc., Cambridgeport, Mass.
B. F. Sturtevant Co., Boston, Mass.
J. E. Turney Drying Machy. Co., 41 W. Randolph, Chic., Ill.

F. HOP DRYERS. American Mfg. Co., Waynesboro, Pa.
Blymyer Iron Works Co., Cincinnati, O.

G. INDIGO DRYERS. American Mfg. Co., Waynesboro, Pa.

H. LUMBER DRYERS. American Blower Co., Detroit, Mich.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Standard Dry Kiln Co., Indianapolis, Ind.
B. F. Sturtevant Co., Boston, Mass.

I. MALT DRYERS. Hersey Mfg. Co., South Boston, Mass.

J. RAISIN DRYERS. American Mfg. Co., Waynesboro, Pa.

K. SALT DRYERS. Hersey Mfg. Co., South Boston, Mass.

L. SAND DRYERS. J. H. Day & Co., Cincinnati, O.
Hersey Mfg. Co., South Boston, Mass.
Henry Martin Brick Machinery Mfg. Co., Lancaster, Pa.

M. STARCH REFUSE DRYERS. Hersey Mfg. Co., South Boston, Mass.
J. E. Turney Drying Machy. Co., 41 W. Randolph, Chic., Ill.

N. SUGAR DRYERS. Hersey Mfg. Co., South Boston, Mass.

O. TANKAGE & BONES DRYERS. C. H. Dempwolf & Co., York, Pa.

P. TEA DRYERS. American Mfg. Co., Waynesboro, Pa.
Paine-Ellis Grain Drier Co., Milwaukee, Wis.

Q. TOBACCO DRYERS. Phila. Textile Machy. Co., Hancock & Somerset, Phila., Pa.

2010. DYE WOOD CHIPPERS.

Mitts & Merrill, East Saginaw, Mich.

2011. DYNAMO ELECTRIC MACHINERY.

J. B. Allfree Mfg. Co., Indianapolis, Ind.
Belknap Motor Co., Portland, Me.
E. G. Bernard Co., Troy, N. Y.
Bullock Electric Mfg. Co., Cincinnati, O.
Card Electric Co., Mansfield, O.
C. & C. Electric Co., 143 Liberty St., New York.
Chester Steel Casting Co., Chester, Pa.
Commercial Electric Co., Indianapolis, Ind.
Crescent Iron Works, Springfield, Mo.
Diehl Mfg. Co., Elizabethport, N. J.
Erie City Iron Works, Erie, Pa.
Thomas Hall & Son, Boston, Mass.
Hanson & Van Winkle Co., Newark, N. J.
Hobart Electric Mfg. Co., Troy, N. Y.
Keystone Electric Co., Erie, Pa.
Lowell Model Co., Lowell, Mass.
Munson Co., La Porte, Ind.
Ohio Electric Works, Cleveland, O.
Pawling & Harnischfeger, Milwaukee, Wis.
Reading Electric Mfg. Co., Reading, Pa.
Riker Electric Motor Co., 85 Washington St., B'klyn, N. Y.
Storey Motor & Tool Co., Trenton, N. J.
Thresher Electrical Co., Dayton, O.
United Elec. Improvement Co., Allegheny Av., Phila., Pa.

A. ALTERNATING CURRENT DYNAMOS. National Electric Co., Eau Claire, Wis.
Warren Electric Mfg. Co., Sandusky, O.
Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

B. ARC LIGHTING DYNAMOS. Baechtold & Parker Electric Co., 79 Wash'n St., B'klyn, N. Y.
Elbridge Electrical Mfg. Co., Elbridge, N. Y.
Fort Wayne Electric Co., Fort Wayne, Ind.
Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
Roth Bros. & Co., 30 Market St., Chicago, Ill.
Rushmore Dynamo Works, Jersey City, N. J.
Thomson-Houston Electric Co., Boston, Mass.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
Westinghouse Electric & Mfg. Co., Pittsburg, Pa.

C. BELTED DYNAMOS. E. G. Bernard Co., Troy, N. Y.
Jenney Electric Mfg. Co., Indianapolis, Ind.

D. COPPER REFINING DYNAMOS. Eddy Electric Mfg. Co., Windsor, Conn. *25
Electric Smelting Co., Boston, Mass.

	Jenney Electric Mfg. Co., Indianapolis, Ind.
E. DIRECT CONNECTED DYNAMOS.	E. G. Bernard Co., Troy, N. Y.
	Crocker-Wheeler Electric Co., 39 Cortlandt St., New York.
	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	Jenney Electric Mfg. Co., Indianapolis, Ind.
	Sprague Electric Co., 20 Broad St., New York.
F. DIRECT CURRENT DYNAMOS.	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	National Electric Co., Eau Claire, Wis.
	Rochester Electric Motor Co., Rochester, N. Y.
G. ELECTRO-PLATING DYNAMOS.	Card Electric Co., Mansfield, O.
	Eddy Electric Mfg. Co., Windsor, Conn. *25
	Elbridge Electrical Mfg. Co., Elbridge, N. Y.
	Jenney Electric Mfg. Co., Indianapolis, Ind.
	Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
	Roth Bros. & Co., 28 Market St., Chicago, Ill.
H. ELECTROTYPING DYNAMOS.	Eddy Electric Mfg. Co., Windsor, Conn. *25
	Jenney Electric Mfg. Co., Indianapolis, Ind.
I. EXPERIMENTAL DYNAMOS.	Elbridge Electrical Mfg. Co., Elbridge, N. Y.
J. INCANDESCENT LIGHTING DYNAMOS.	Audubon Machine Works, New Haven, Conn.
	Bullock Electric Mfg. Co., Cincinnati, O.
	J. H. Bunnell & Co., 76 Cortlandt St., New York.
	Cass & Co., 54 S. Canal St., Chicago, Ill.
	Central Electric Co., 264 5th Av., Chicago, Ill.
	Chicago Edison Co., 139 Adams St., Chicago, Ill.
	Diehl Mfg. Co., Elizebethport, N. J.
	Eddy Electric Mfg. Co., Windsor, Conn. *25
	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	General Electric Co., Schenectady, N. Y.
	Pawling & Harnischfeger, Milwaukee, Wis.
	Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
	Queen City Electric Co., Cincinnati, O.
	Thomson-Houston Electric Co., Boston, Mass.
	Warren Electric Mfg. Co., Sandusky, O.
	Westinghouse Electric Mfg. Co., Pittsburg, Pa.
K. MARINE DYNAMOS.	Pawling & Harnischfeger, Milwaukee, Wis.
	Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
L. MULTI-CIRCUIT ARC DYNAMOS.	Rushmore Dynamo Works, Jersey City, N. J.
M. POWER DYNAMOS.	Eddy Electric Mfg. Co., Windsor, Conn. *25
	Pawling & Harnishfeger, Milwaukee, Wis.
	Quaker City Electric Co., 237 Dock St., Philadelphia, Pa.
	Thomson-Houston Electric Co., Boston, Mass.
	Westinghouse Electric & Mfg. Co., Pittsburg, Pa.
N. TELEGRAPH DYNAMOS.	General Electric Co., Schenectady, N. Y.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
2012. DYNAMOMETERS.	Emerson Power Scale Co., Boston, Mass.
	Herman Kohlbusch, 59 Nassau St., New York.
	Lawrence Machine Co., Lawrence, Mass.
	Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
A. ELECTRO-DYNAMOMETERS.	General Electric Co., Schenectady, N. Y.
	Western Electric Co., 242 S. Jefferson St., Chicago, Ill.
2013. EARTH MOVING MACHINERY.	
	F. C. Austin Mfg. Co., Harvey, Ill.
	Contractors' Plant Mfg. Co., Buffalo, N. Y.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
2014. EDGE TOOLS.	American Axe & Tool Co., Pittsburg, Pa.
	Harding Edge Tool Co., Newark, N. J.
	Henry Knickerbacker, Ballston Spa, N. Y.
	Ohio Tool Co., Columbus, O.
	Fayette R. Plumb, Esq., Tucker & James Sts., Phila., Pa.
	L. & I. J. White Co., Buffalo, N. Y.
2015. ELECTROTYPERS' MACHINERY.	
	C. B. Cottrell & Sons Co., 41 Park Row, New York.
	Inland Type Foundry, St. Louis, Mo.
	Lovejoy Co., 444 Pearl St., New York.
	John Royle & Sons, Paterson, N. J.
A. BLACK LEADING MACHINES.	C. B. Cottrell & Sons Co., 41 Park Row, New York.
	Lovejoy Co., 444 Pearl St., New York.
B. COMBINED JIG SAWS & DRILLS.	C. B. Cottrell & Sons Co., 41 Park Row, New York.
	Lovejoy Co., 444 Pearl St., New York.
C. ELECTROTYPE PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
	Watson-Stillman Co., 210 E. 43d St., New York.
D. ELECTROTYPERS' SAW TABLES.	C. B. Cottrell & Sons Co., 41 Park Row, New York.
	Lovejoy Co., 444 Pearl St., New York.
	John Royle & Sons, Paterson, N. J.

E. ELECTROTYPERS' WOOD PLANERS.	O. W. Bullock & Co., Springfield, Mass. C. B. Cottrell & Sons Co., 41 Park Row, New York. Lovejoy Co., 444 Pearl St., New York. MacKellar, Smiths & Jordan Co., 606 Sansom St., Phila., Pa. John Royle & Sons, Paterson, N. J.
F. ELECTROTYPERS' WOOD WORKING MACHINES.	Lovejoy Co., 444 Pearl St., New York. John Royle & Sons, Paterson, N. J.
G. ELECTROTYPE TRIMMERS.	O. W. Bullock & Co., Springfield, Mass. C. B. Cottrell & Sons Co., 41 Park Row, New York. Lovejoy Co., 444 Pearl St., New York.
H. MOULDING MACHINES.	O. W. Bullock & Co., Springfield, Mass. Geo. H. Bushnell Press Co., Thompsonville, Conn. C. B. Cottrell & Sons Co., 41 Park Row, New York. Lovejoy Co., 444 Pearl St., New York.
I. ROUTING MACHINES.	O. W. Bullock & Co., Springfield, Mass. Campbell Printing Press & Mfg. Co., 132 Mott St., N. Y. C. B. Cottrell & Sons Co., 41 Park Row, New York. Lovejoy Co., 444 Pearl St., New York. John Royle & Sons, Paterson, N. J.
J. SHAVING MACHINES.	O. W. Bullock & Co., Springfield, Mass. C. B. Cottrell & Sons Co., 41 Park Row, New York. Lovejoy Co., 444 Pearl St., New York.
K. WAX KETTLES & TABLES.	C. B. Cottrell & Sons Co., 41 Park Row, New York. Lovejoy Co., 444 Pearl St., New York.
2016. EMBOSSING MACHINES.	L. F. Grammes & Sons, Allentown, Pa. Thos. H. McCollin & Co., 1030 Arch St., Philadelphia, Pa. Randall & Co., Cincinnati, O. Union Embossing Machine Co., Indianapolis, Ind.
A. WOOD & LEATHER EMBOSSING DIES.	Union Embossing Machine Co., Indianapolis, Ind.
2017. EMBROIDERING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
2018. EMULSIFIERS.	J. H. Day & Co., Cincinnati, O.
2019. ENAMELLED CLOTH MACHINERY.	Atha Tool Co., Newark, N. J. Cyrus Currier & Sons, Newark, N. J.
2020. ENGRAVERS' TOOLS.	O. W. Bullock & Co., Springfield, Mass. Cyrus Currier & Sons, Newark, N. J. F. W. Gesswein Co., 39 John St., New York. Henry Kahrs, 240 E. 33d St., New York.
A. CYCLOIDAL RULING MACHINES.	C. W. Dickinson, Jr., Belleville, N. J. John Royle & Sons, Paterson, N. J.
B. STEEL PLATE RULING MACHINES.	C. W. Dickinson, Jr., Belleville, N. J.
2021. ENGRAVING MACHINES.	A. E. Francis, Cleveland, O. John Hope & Sons Engraving & Mfg. Co., Providence, R. I. Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa. John Royle & Sons, Paterson, N. J.
A. ENGRAVING LATHES.	Gould & Eberhardt, Newark, N. J.
B. PHOTO-ENGRAVERS' MACHINERY.	Inland Type Foundry, St. Louis, Mo.
2022. ENVELOPE MACHINES.	Blackhall Mfg. Co., Buffalo, N. Y. W. W. Cotton & Son, 18 Chambers St., New York. Lester & Wasley, Norwich, Conn. Martin Rau, 44 Duane St., New York. S. C. Rogers & Co., Buffalo, N. Y.
A. ENVELOPE BAND SLITTERS.	Inman & American Box Machine Co., Amsterdam, N. Y.
B. ENVELOPE CUTTING PRESSES.	F. W. & C. B. Sheridan, 2 Reade St., New York.
C. ENVELOPE FOLDING & GUMMING MACHINES.	Martin Rau, 44 Duane St., New York.
2023. EYELETING MACHINES.	Blake & Johnson, Waterbury, Conn. Charles S. Fifield & Co., Boston, Mass. J. K. Krieg & Co., 39 Warren St., New York. National Machine Co., 561 Broadway, New York. E. L. Sibley, Bennington, Vt. Singer Mfg. Co., 561 Broadway, New York. Edwin B. Stimpson & Son, 31 Spruce St., New York. A. A. Weeks, 11 Gold St., New York.
A. CAP & HAT EYELET MACHINERY.	Edwin B. Stimpson & Son, 31 Spruce St., New York.

B. EYELET HOOK SETTING MACHINES.	Edwin B. Stimpson & Son, 31 Spruce St., New York.
C. EYELETING MACHINES, SELF FEED.	W. O. Hickok Mfg. Co., Harrisburg, Pa.
D. EYELET PRESSES.	E. L. Sibley, Bennington, Vt.
E. EYELET SETS.	Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
2024. FANS.	National Blower Works, Milwaukee, Wis.
A. AUTOMATIC FANS.	Buffalo Forge Co., Buffalo, N. Y.
B. CEILING FANS.	Diehl Mfg. Co., Elizabethport, N. J.
	Hunter Fan & Motor Co., Fulton, N. Y.
	Maryland Mfg. & Construction Co., Baltimore, Md.
	McLeod, Ward & Co., 27 Thames St., New York.
	Seymour & Whitlock, Newark, N. J.
	Simonds Furnace Co., 50 Cliff St., New York.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
C. CEILING FANS, ELECTRIC.	D. L. Bates & Bro., Dayton, O.
	Emerson Electric Mfg. Co., St. Louis, Mo.
D. COLUMN FANS.	Backus Water Motor Co., Newark, N. J.
	Hunter Fan & Motor Co., Fulton, N. Y.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	Maryland Mfg. & Construction Co., Baltimore, Md.
E. DISK FANS.	American Blower Co., Detroit, Mich.
	Buffalo Forge Co., Buffalo, N. Y.
	Diehl Mfg. Co., Elizabethport, N. J.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	National Blower Works, Milwaukee, Wis.
	Simonds Furnace Co., 50 Cliff St., New York.
F. DRYING FANS.	George P. Clark, Windsor Locks, Conn.
G. ELECTRIC FANS.	Buffalo Forge Co., Buffalo, N. Y.
	Thos. H. Dallett & Co., York St. & Sedgley Av., Phila., Pa.
	Diehl Mfg. Co., Elizabethport, N. J.
	Hunter Fan & Motor Co., Fulton, N. Y.
	International Electric Co., 76 Beekman St., New York.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	Richmond Electrical Works, Richmond, Va.
H. ELEVATOR FANS.	Buffalo Forge Co., Buffalo, N. Y.
	Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
I. EXHAUST FANS.	American Blower Co., Detroit, Mich.
	Backus Water Motor Co., Newark, N. J.
	U. Baird Machinery Co., Pittsburg, Pa.
	Boston Blower Co., Hyde Park, Mass.
	Buffalo Forge Co., Buffalo, N. Y.
	M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
	C. & C. Electric Co., 143 Liberty St., New York.
	Champion Blower & Forge Co., Lancaster, Pa.
	Geo. P. Clark, Windsor Locks, Conn.
	Dickson Mfg. Co., Scranton, Pa.
	Exeter Machine Works, Exeter, N. H.
	Foos Mfg. Co., Springfield, O.
	Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
	Hunter Fan & Motor Co., Fulton, N. Y.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	Maryland Mfg. & Construction Co., Baltimore, Md.
	National Blower Works, Milwaukee, Wis.
	Nordyke & Marmon Co., Indianapolis, Ind.
	Charles G. Sargent's Sons, Graniteville, Mass.
	Seymour & Whitlock, Newark, N. J.
	Simonds Furnace Co., 50 Cliff St., New York.
	B. F. Sturtevant Co., Boston, Mass.
	W. H. Tolhurst & Son, Troy, N. Y.
	N. E. Ventilating & Heating Co., Providence, R. I.
	Vulcan Iron Works, Wilkes-Barre, Pa.
J. INDUCED DRAFT FANS.	Broomell, Schmidt & Co., Ltd., York, Pa.
K. MALTING FANS.	American Blower Co., Detroit, Mich.
L. MECHANICAL DRAFT FANS.	Buffalo Forge Co., Buffalo, N. Y.
M. SEED COTTON ELEVATOR FANS.	American Blower Co., Detroit, Mich.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	National Blower Works, Milwaukee, Wis.
	Simonds Furnace Co., 50 Cliff St., New York.
	B. F. Sturtevant Co., Boston, Mass.
N. STEAM FANS.	Buffalo Forge Co., Buffalo, N. Y.
O. SUCTION FANS.	Barnard & Leas Mfg. Co., Moline, Ill.
	Buffalo Forge Co., Buffalo, N. Y.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	Nordyke & Marmon Co., Indianapolis, Ind.

	Unadilla Machine Works, Unadilla, N. Y.
P. VENTILATING FAN SPEED CONTROLLERS.	Ward-Leonard Electric Co., Bronxville, N. Y.
Q. VENTILATOR FANS.	American Blower Co., Detroit, Mich.
	Backus Water Motor Co., Newark, N. J.
	Buffalo Forge Co., Buffalo, N. Y.
	M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
	C. & C. Electric Co., 143 Liberty St., New York.
	Champion Blower & Forge Co., Lancaster, Pa.
	Geo. P. Clark, Windsor Locks, Conn.
	Dickson Mfg. Co., Scranton, Pa.
	Diehl Mfg. Co., Elizabethport, N. J.
	Garden City Fan Co., 43 S. Clinton St., Chicago, Ill.
	Howard & Morse, 45 Fulton St., New York.
	Manhattan Machinery Co., 95 Liberty St., New York. *14
	National Blower Works, Milwaukee, Wis.
	New England Ventilating & Heating Co., Providence, R. I.
	Ottumwa Iron Works, Ottumwa, Iowa.
	Seymour & Whitlock, Newark, N. J.
	Sprague Electric Co., 20 Broad St., New York.
	B. F. Sturtevant Co., Boston, Mass.
	W. H. Tolhurst & Son, Troy, N. Y.
	Vulcan Iron Works, Wilkes-Barre, Pa.
R. WOOL ELEVATING FANS.	Buffalo Forge Co., Buffalo, N. Y.
	National Blower Works, Milwaukee, Wis.
2025. FARRIERS' TOOLS.	Atha Tool Co., Newark, N. J.
	Henry Cheney Hammer Co., Little Falls, N. Y.
	Abner Doble Co., San Francisco, Cal.
	C. Hammond & Son, Ogontz, Pa.
	Heller Bros., Newark, N. J.
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
	Wells Bros. & Co., Greenfield, Mass.
A. BUTTERISES.	Peck, Stow & Wilcox Co., Southington, Conn.
B. FARRIERS' PINCHERS.	Dicke Tool Co., Downer's Grove, Ill.
C. HOOF NIPPERS.	Peck, Stow & Wilcox Co., Southington, Conn.
D. HOOF SHEARS.	Lightning Hoof Shear Co., Wyalusing, Pa.
E. HORSE NAIL CLINCHERS.	Lightning Hoof Shear Co., Wyalusing, Pa.
F. HORSE SHOERS' HAMMERS.	Billings & Spencer Co., Hartford, Conn.
G. HORSE SHOE VISES.	P. F. Burke, Dorr St., Boston, Mass.
	Fairhaven Iron Foundry Co., Fairhaven, Mass.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
2026. FENCE MACHINES.	R. J. Aultman, Shanesville, O.
	C. O. Bartlett & Co., Cleveland, O.
	Empire Machine Co., Richmond, Ind.
	L. W. Fillebrown, Piqua, O.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	S. H. Garrett, Mansfield, O.
	Griffith & Wedge Co., Zanesville, O.
	M. C. Henley, Richmond, Ind.
	Hoosier Drill Co., Richmond, Ind.
	Lansing Wheelbarrow Co., Lansing, Mich.
	O. Moseley, Peru, Ind.
	Wayne Works, Richmond, Ind.
2027. FERTILIZER FACTORY MACHINERY.	
	Ellicott Machine Co., Baltimore, Md.
	Murray Iron Works Co., Burlington, Iowa.
	Robt. Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Valk & Murdock Iron Wks., 14 Hasell St., Charleston, S. C.
	E. Van Winkle Gin & Machine Works, Atlanta, Ga.
	Walker & Elliott, Wilmington, Del.
A. FERTILIZER CLOD CRUSHERS.	Robt. Poole & Son Co., Baltimore, Md.
	J. K. Wilder & Sons, Monroe, Mich.
B. FERTILIZER MILLS.	Samuel Carey, 17 Broadway, New York.
	Robert Poole & Son Co., Baltimore, Md.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Sturtevant Mill Co., Harrison Sq., Boston, Mass.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
C. FERTILIZER MIXERS.	J. H. Day & Co., Cincinnati, O.
	C. H. Dempwolf & Co., York, Pa.
	Robert Poole & Son Co., Baltimore, Md.
D. FISH SCRAP GRINDERS.	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
E. PHOSPHATE MILL MACHINERY.	Wm. Kehoe & Co., Savannah, Ga.
	Walker & Elliott, Wilmington, Del.
2028. FIBRE MACHINES.	Ferracute Machine Co., Bridgeton, N. J.

Krajewski, Pesant & Co., 32 Broadway, New York. *18
Spangler Mfg. Co., York, Pa.

2029. FILES.
Allerton-Clarke Co., 97 Chambers St., New York.
Arcade File Works, 79 Reade St., New York.
G. & H. Barnett, 21 Richmond St., Philadelphia, Pa.
Cahill, Swift & Co., 408 N. 4th St., St. Louis, Mo.
Geo. Chatterton, Providence, R. I.
James A. Coes & Co., Newark, N. J.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Eagle File Co., Middletown, N. Y.
Heller & Bros., Newark, N. J.
Kearney & Foot Co., 102 Reade St., New York.
McCaffrey File Co., 1889 N. 5th St., Philadelphia, Pa.
McFadden Co., 722 Arch St., Philadelphia, Pa.
Maischoss Bros., Buffalo, N. Y.
Manning, Maxwell & Moore, 111 Liberty St., New York.
Mayer & Co., Philadelphia, Pa.
Murcott & Campbell, 296 Union Av., Brooklyn, N. Y.
Nicholson File Co., Providence, R. I.
Charles B. Paul, 467 Keap St., Brooklyn, N. Y.
Reynolds Bros., Columbus, O.
A. F. Shapleigh Hardware Co., Washn. Av., St. Louis, Mo.
J. Barton Smith Co., N. 4th & Somerset Sts., Phila., Pa.
Smyth & Sons, Albany, N. Y.
Stokes Bros. Mfg. Co., Freehold, N. J.

A. FILE BRUSHES. Nicholson File Co., Providence R. I.
B. FILE CARDS. Nicholson File Co., Providence, R. I.
C. FILE HOLDERS. Kearney & Foot Co., 102 Reade St., New York.
Nicholson File Co., Providence, R. I.
D. FILE SHARPENERS. Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
E. MANICURE FILES. A. F. Bannister & Co., Newark, N. J.

2030. FIRE PROOFING MACHINES.
American Clay Working Machine Co., Bucyrus, O.

2031. FIRING TOOLS. Dickson Mfg. Co., Scranton, Pa.

2032. FISHING TOOLS. D. W. Robertson, Bradford, Pa.

2033. FLAX SEED REELS & CLEANERS.
Barnard & Leas Mfg. Co., Moline, Ill.
Johnson & Field Co., Racine, Wis.
E. H. Pease Mfg. Co., Racine, Wis.

2034. FLOOR LAYING CLAMPS.
J. H. Hoague, Chicopee, Mass.
Lincoln Iron Works, Boonton, N. J.

2035. FLORAL TOOLS.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
B. B. Noyes & Co., Greenfield, Mass.
Withington & Cooley Mfg. Co., Jackson, Mich.

A. FLOWER PICKERS. Acme Shear Co., Bridgeport, Conn.
B. LADIES' TROWELS. Knapp & Cowles Mfg. Co., Bridgeport, Conn.

2036. FLUE CLEANERS.
A. W. Chesterton & Co., 49 India St., Boston, Mass.
Cleveland Flue Cleaner Mfg. Co., Cleveland, O.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Essex Bros. Mfg. Co., Detroit, Mich.
Faries Mfg. Co., Decatur, Ill.
Kendall Mfg. Co., Buffalo, N. Y.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
J. Regester & Sons, Baltimore, Md.
James L. Robertson & Son, 204 Fulton St., New York.
Ruffner & Son, 3521 Bowman St., Philadelphia, Pa.
Stewart Heater Co., 5 Norfolk Av., Buffalo, N. Y.

2037. FLY NET MACHINERY.
H. F. Osborne Co., Newark, N. J.

2038. FOLDING & ENVELOPING MACHINES.
Dexter Folder Co., 97 Reade St., New York.

2039. FORGES.
American Gas Furnace Co., 23 John St., New York.
Boston Blower Co., Hyde Park, Mass.
Boynton & Plummer, Worcester, Mass.
Bradley Co., Syracuse, N. Y.
Brown & Patterson, 33 Marcy Av., Brooklyn, N. Y.
Buffalo Dental & Mfg. Co., Buffalo, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Cahill, Swift & Co., 408 N. 4th St., St. Louis, Mo.
Champion Blower & Forge Co., Lancaster, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Dickson Mfg. Co., Scranton, Pa.
Louisville Steam Forge Co., Louisville, Ky.
Miner & Peck Mfg. Co., New Haven, Conn.
National Cement & Rubber Mfg. Co., Toledo, O.

Putnam Machine Co., Fitchburg, Mass.
P. H. & F. M. Roots Co., Connersville, Ind.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Silver Mfg. Co., Salem, O.
B. F. Sturtevant Co., Boston, Mass.

A. PORTABLE FORGES.
Boynton & Plummer, Worcester, Mass.
Bradley Co., Syracuse, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
H. L. Chapman, Marcellus, Mich.
Cleveland Steam Gauge Co., Cleveland, O.
Empire Forge Co., Lansingburg, N. Y.
Fairbanks Co., 311 Broadway, New York.
Foos Mfg. Co., Springfield, O.
W. T. Garratt & Co., Inc., San Francisco, Cal.
David H. Potts, Lancaster, Pa.
P. H. & F. M. Roots & Co., Connersville, Ind.
Star Forge Co., Buffalo, N. Y.
B. F. Sturtevant Co., Boston, Mass.

2040. FORKS.
Fessenden & Co., 100 Friendship St., Providence, R. I.
Withington & Cooley Mfg. Co., Jackson, Mich.

A. BALING FORKS.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

B. COAL & COKE FORKS.
Ashtabula Tool Co., Ashtabula, O.
Brown, Hinman & Huntington Co., Columbus, O.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

C. FISH HANDLING FORKS.
Withington & Cooley Mfg. Co., Jackson, Mich.

D. HEADER FORKS.
Withington & Cooley Mfg. Co., Jackson, Mich.

E. OYSTER BED FORKS.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.

F. RAILROAD BALLAST FORKS.
Ashtabula Tool Co., Ashtabula, O.

G. SCOOP FORKS.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

H. SLUICE FORKS.
Iowa Farming Tool Co., Fort Madison, Iowa.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute. Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

I. STONE FORKS.
Ashtabula Tool Co., Ashtabula, O.
Brown, Hinman & Huntington Co., Columbus, O.
Iowa Farming Tool Co., Fort Madison, Iowa.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

J. STRAW FORKS.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.

K. STREET FORKS.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.

L. TURNIP & BEET FORKS.
Sheble & Klemm, Ashland, n. Lewis, Philadelphia, Pa.

2041. FRESH WATER DISTILLING APPARATUS.
M. T. Davidson, 133 Liberty St., New York.
Newburgh Ice Machine & Engine Co., Newburg, N. Y.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

2042. FUMIGATING MACHINERY.
H. Dudley Coleman, New Orleans, La.

2043. FUR CUTTING & GRINDING MACHINES.
Peck Mfg. Co., 9 River St., Danbury, Conn.

2044. FURNITURE MACHINERY.
American Wood Working Mach. Co., 141 B'way, New York.
Buss Machine Works, Grand Rapids, Mich.
J. A. Fay & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., 235 W. 12th St., Chicago, Ill.
L. Power & Co., 20 S. 23d St., Philadelphia, Pa.

2045. GARMENT PATTERN FORMING MACHINES.
Delory Pattern Tracing Mach. Co., P. O. Box 1085, N. York.

2046. GAS COMPRESSORS.
Lane & Bodley Co., Cincinnati, O.

2047. GAS MACHINES.
American Gas Furnace Co., 23 John St., New York.
Cleveland Gas Machine Co., Cleveland, O.
Cox Bro. & Co., Bridgeton, N. J.
Denny Bros., 36 Park Place, New York.
Detroit Heating & Lighting Co., Detroit, Mich.
W. G. Fisher Cooking & Heat'g Appara. Mfg. Co., Cinn., O.
Gilbert & Barker Mfg. Co., Springfield, Mass.
Herendeen Mfg. Co., Geneva, N. Y.
Hoxie & Clark, 42 Stone St., Rochester, N. Y.
Penn. Globe Gas Light Co., 1934 Market St., Phila., Pa.

	Oakes Tirrell, 39 Dey St., New York.
	Walworth Mfg. Co., Boston, Mass.
2048. GAS SHUT-OFFS.	Automatic Clock Co., Syracuse, N. Y.
2049. GAS WORKS MACHINERY.	
A. ACETYLENE GAS GENERATORS.	Epworth Gas Light Co., Epworth, Iowa.
	Herendeen Mfg. Co., Geneva, N. Y.
	Nat. Acetylene Gas Co., Cleveland, O.
	F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.
B. GAS DRUMS.	Riter-Conly Co., Pittsburg, Pa.
C. GAS EXHAUSTERS.	Connelly Iron Sponge & Governor Co., 357 Canal, N. York.
	Connersville Blower Co., Connersville, Ind.
	Giblin & Co., Utica, N. Y.
	Isbell-Porter Co., Bridge & Ogden Sts., Newark, N. J.
	P. H. & F. M. Roots Co., Connersville, Ind.
	B. F. Sturtevant Co., Boston, Mass.
	Wilbraham-Baker Blower Co., 2815 Frankford Av., Phil., Pa.
D. GAS GENERATORS.	Edward P. Allis Co., Milwaukee, Wis.
	American Gas Furnace Co., 23 John St., New York.
	Bartlett, Hayward & Co., Baltimore, Md.
	J. B. Colt & Co., 3 W. 29th St., New York.
	Gilbert & Barker Mfg. Co., Springfield, Mass.
	Riter-Conly Co., Pittsburg, Pa.
	A. Rosenberg Co., 629 N. Carey St., Baltimore, Md.
E. GAS GOVERNORS.	Bartlett, Hayward & Co., Baltimore, Md.
	P. H. & F. M. Roots Co., Connersville, Ind.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
F. GAS HOLDERS.	Continental Iron Works, Calyer & West Sts., B'klyn, N. Y.
	Davis & Farnum Mfg. Co., Inc., Waltham, Mass.
	James R. Floyd's Sons, 539 W. 20th St., New York.
	Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
G. GAS INDICATORS.	Helme & McIlhenny, 1339 Cherry St., Philadelphia, Pa.
H. GAS RECEIVERS.	Riter-Conly Co., Pittsburg, Pa.
I. GAS REGULATORS.	William S. Haines Co., 138 S. 4th St., Philadelphia, Pa.
	Haydenville Co., Haydenville, Mass.
	Pittsburg Supply Co., Ltd., Pittsburg, Pa.
J. GAS SEPARATORS.	Riter-Conly Co., Pittsburg, Pa.
K. GAS TESTERS.	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
L. GAS WORKS APPARATUS.	Isbell-Porter Co., Bridge & Ogden Sts., Newark, N. J.
	Penna. Iron Wks. Co., Lancaster Av. & N. 50th St., Phil., Pa.
M. GAS WORKS BENCH CASTINGS.	Bartlett, Hayward & Co., Baltimore, Md.
	Continental Iron Works, Calyer & West Sts., B'klyn, N. Y.
N. GAS WORKS BENCH WORK.	H. G. Trout & Co., Buffalo, N. Y.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
O. GAS WORKS CASTINGS.	Columbus Mfg. Co., Columbus, O.
	James R. Floyd's Sons, 539 W. 20th St., New York.
	Morgan Iron Works, Inc., 814 9th St., New York.
	Paxton & Vierling Iron Works, Omaha, Neb.
	H. G. Trout & Co., Buffalo, N. Y.
P. GAS WORKS COAL ELEVATORS.	Bartlett, Hayward & Co., Baltimore, Md.
	Vulcan Iron Works, Wilkes-Barre, Pa.
Q. GAS WORKS CONDENSERS.	Bartlett, Hayward & Co., Baltimore, Md.
	Davis & Farmer Mfg. Co., Waltham, Mass.
	James R. Floyd's Sons, 539 W. 20th St., New York.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
R. GAS WORKS HYDRAULIC MAINS.	Continental Iron Works, Calyer & West Sts., B'klyn, N. Y.
	James R. Floyd's Sons, 539 W. 20th St., New York.
S. GAS WORKS PURIFIERS.	Bartlett, Hayward & Co., Baltimore, Md.
	Continental Iron Works, Calyer & West Sts., B'klyn, N. Y.
	Davis & Farmer Mfg. Co., Waltham, Mass.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
T. GAS WORKS RETORT LIDS.	Continental Iron Works, Calyer & West Sts., B'klyn, N. Y.
	James R. Floyd's Sons, 539 W. 20th St., New York.
U. GAS WORKS SCRUBBERS.	Bartlett, Hayward & Co., Baltimore, Md.
	Continental Iron Works, Calyer & West Sts., B'klyn, N. Y
	James R. Floyd's Sons, 539 W. 20th St., New York.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
V. GAS WORKS SEALS.	Bartlett, Hayward & Co., Baltimore, Md.
W. GAS WORKS TOOLS.	F. H. Evans, Brooklyn, N. Y.
X. GAS WORKS VALVES.	Continental Iron Wks., Calyer & West Sts., Brooklyn, N. Y.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
Y. GAS WORKS WASHERS.	Bartlett, Hayward & Co., Baltimore, Md.
	James R. Floyd's Sons, 539 W. 20th St., New York.
2050. GAUGES.	
A. AMALGAMATING PAN GAUGES.	Standard Thermometer & Electric Co., Peabody, Mass.

B. AMMONIA GAUGES.	American Steam Gauge Co., 36 Chardon St., Boston, Mass.
	Ashton Valve Co., 271 Franklin St., Boston, Mass.
	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
	James P. Marsh & Co., 224 Washington St., Chicago, Ill.
C. BLAST GAUGES.	Byram & Co., Detroit, Mich.
D. CHEMICAL GAUGES.	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
E. COMPOUND GAUGES.	Ashton Valve Co., 271 Franklin St., Boston, Mass.
F. ILLUMINATED GAUGES.	James P. Marsh & Co., 224 Washington St., Chicago, Ill.
G. ORDNANCE GAUGES.	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
H. OVEN GAUGES.	Standard Thermometer & Electric Co., Peabody, Mass.
I. PNEUMATIC PYROMETERS.	Uehling, Steinert & Co., Ltd., Carlstadt, N. J.
J. PROCESS GAUGES.	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
K. PYROMETERS.	American Steam Gauge Co., 36 Chardon St., Boston, Mass.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Ashton Valve Co., 271 Franklin St., Boston, Mass.
	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
	Hohmann & Maurer Mfg. Co., Rochester, N. Y.
	James P. Marsh & Co., 224 Washington St., Chicago, Ill.
	Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
	Guiseppe Tagliabue, 302 Pearl St., New York.
	Watertown Thermometer Co., Watertown, N. Y.
	A. Weiskopf, 69 S. Canal St., Chicago, Ill.
	August Zaubitz, 48 Centre St., New York.
L. RESERVOIR GAUGES.	Union Water Meter Co., Worcester, Mass.
M. RETORT GAUGES.	Standard Thermometer & Electric Co., Peabody, Mass.
N. TANK GAUGES.	Belknap Mfg. Co., Bridgeport, Conn.
	Standard Thermometer & Electric Co., Peabody, Mass.
O. TEST GAUGES.	American Steam Gauge Co., 36 Chardon St., Boston, Mass.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Ashton Valve Co., 271 Franklin St., Boston, Mass.
	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
	James P. Marsh & Co., 224 Washington St., Chicago, Ill.
	Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
P. TEST GAUGES, MERCURY.	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
Q. THERMOMETER GAUGES.	American Steam Gauge Co., 36 Chardon St., Boston, Mass.
R. TIDE GAUGES.	Standard Thermometer & Electric Co., Peabody, Mass.
2051. GAUGES, PRESSURE.	American Steam Gauge Co., 36 Chardon St., Boston, Mass.
	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Ashton Valve Co., 271 Franklin St., Boston, Mass.
	Cleveland Steam Gauge Co., Cleveland, O.
	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
	Hohmann & Maurer Mfg. Co., Rochester, N. Y.
	James P. Marsh & Co., 224 Washington St., Chicago, Ill.
	Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
	Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.
	B. F. Sturtevant Co., Boston, Mass.
	Guiseppe Tagliabue, 302 Pearl St., New York.
	Nathaniel Tufts Meter Co., 8 Medford St., Boston, Mass.
A. COMPOUND PRESSURE GAUGES.	Ashton Valve Co., 271 Franklin St., Boston, Mass.
	James P. Marsh & Co., 224 Washington St., Chicago, Ill.
B. GAS PRESSURE GAUGES.	Buhl Stamping Co., Detroit, Mich.
	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
	D. McDonald & Co., Albany, N. Y.
	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
	Uehling, Steinert & Co., Ltd., Carlstadt, N. J.
C. HYDRAULIC GAUGES.	American Steam Gauge Co., 36 Chardon St., Boston, Mass.
	Ashton Valve Co., 271 Franklin St., Boston, Mass.
	Crosby Steam Gage & Valve Co., 93 Oliv. St., Boston, Mass. *6
	James P. Marsh & Co., 224 Washington St., Chicago, Ill.
	Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
	Taylor Bros. Co., Rochester, N. Y.
	Watson-Stillman Co., 210 E. 43d St., New York.
D. POCKET PRESSURE GAUGES.	D. McDonald & Co., Albany, N. Y.
2052. GAUGES, TOOL.	H. Chapin's Sons Co., Pine Meadow, Conn.
	Standard Tool Co., Cleveland, O.
	L. S. Starrett Co., Athol, Mass.
A. ADJUSTABLE SHRINKING GAUGES.	Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
B. BIT GAUGES.	Samuel C. Tatum Co., Water & John Sts., Cincinnati, O.
C. CALIPER GAUGES.	Athol Machine Co., Athol, Mass.
	Brown & Sharpe Mfg. Co., Providence, R. I.
	Pratt & Whitney Co., Hartford, Conn.

		J. M. Rogers Boat, Gauge & Drill Wks., Glo'ster City, N. J.
		J. T. Slocomb & Co., 235 Eddy St., Providence, R. I.
		Standard Tool Co., Athol, Mass.
		L. S. Starrett Co., Athol, Mass.
D.	CARPENTERS' GAUGES.	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
		Gage Tool Co., Vineland, N. J.
		C. E. Jennings & Co., 79 Reade St., New York.
		Knapp & Cowles Mfg. Co., Bridgeport, Conn.
		Ohio Tool Co., Columbus, O.
E.	CENTRE GAUGES.	Athol Machine Co., Athol, Mass.
		Brown & Sharpe Mfg. Co., Providence, R. I.
		Coffin & Leighton, Syracuse, N. Y.
		Sawyer Tool Co., Inc., Fitchburg, Mass.
		J. T. Slocomb & Co., 236 Eddy St., Providence, R. I.
		Standard Tool Co., Athol, Mass.
		L. S. Starrett Co., Athol, Mass.
F.	CHAMFER GAUGES.	J. H. Hoague, Chicopee, Mass.
G.	COMBINED SCREW PITCH & CENTRE GAUGES.	Standard Tool Co., Athol, Mass.
		L. S. Starrett Co., Athol, Mass.
H.	CORRECTIVE GAUGES.	Brown & Sharpe Mfg. Co., Providence, R. I.
I.	CYLINDRICAL GAUGES.	Brown & Sharpe Mfg. Co., Providence, R. I.
J.	DEPTH GAUGES.	Athol Machine Co., Athol, Mass.
		Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
		Sawyer Tool Co., Inc., Fitchburg, Mass.
		Standard Tool Co., Athol, Mass.
		L. S. Starrett Co., Athol, Mass.
K.	DOOR GAUGES & SQUARES.	H. H. Mayhew & Co., Shelburne Falls, Mass.
L.	DRILL GAUGES.	Morse Twist Drill & Machine Co., New Bedford, Mass.
		Standard Tool Co., Cleveland, O.
M.	FLOORING GAUGES.	Ohio Tool Co., Columbus, O.
N.	GEAR TOOTH GAUGES.	L. S. Starrett Co., Athol, Mass.
O.	LUMBERMANS' GAUGES.	Lufkin Rule Co., Saginaw, Mich.
		N. W. Spaulding Saw Co., Freemont St., San Francisco, Cal.
P.	MARKING GAUGES.	H Chapin's Sons Co., Pine Meadow, Conn.
		Ohio Tool Co., Columbus, O.
		Stanley Rule & Level Co., New Britain, Conn.
Q.	MARKING GAUGES, ROTARY.	Sandusky Tool Co., Sandusky, O.
R.	MICROMETER GAUGES.	J. T. Slocomb & Co., 236 Eddy St., Providence, R. I.
		L. S. Starrett Co., Athol, Mass.
S.	MITRE GAUGES.	H. B. Smith Machine Co., Smithville, N. J.
T.	MORTISE GAUGES.	H. Chapin's Sons Co., Pine Meadow, Conn.
		Empire Forge Co., Lansingburg, N. Y.
U.	PAPER GAUGES.	Smith & Egge Mfg. Co., Bridgeport, Conn.
V.	PARALLEL GAUGES.	J. M. Rogers Boat, Gauge & Drill Wks., Glo'ster City, N. J.
W.	POCKET CENTER GAUGES.	Athol Machine Co., Athol, Mass.
X.	PRECISION GAUGES.	Brown & Sharpe Mfg. Co., Providence, R. I.
Y.	ROLLER GAUGES.	Leavitt Machine Co., Orange, Mass.
Z.	RULE GAUGES.	Tower & Lyon, 95 Chambers St., New York.
AA.	SAW GAUGES.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
		H. B. Smith Machine Co., Smithville, N. J.
		J. E. Whiting, Montrose, Pa.
BB.	SCRATCH GAUGES.	Billings & Spencer Co., Hartford, Conn.
		Gage Tool Co., Vineland, N. J.
		Standard Tool Co., Athol, Mass.
		L. S. Starrett Co., Athol, Mass.
CC.	SCREW PITCH GAUGES.	Athol Machine Co., Athol, Mass.
		Brown & Sharpe Mfg. Co., Providence, R. I.
		L. S. Starrett Co., Athol, Mass.
DD.	SNAP GAUGE BLANKS.	Billings & Spencer Co., Hartford, Conn.
EE.	SOLE GAUGES.	Snell & Atherton, Brockton, Mass.
FF.	STANDARD SIZE GAUGES.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
		Betts Machine Co., Wilmington, Conn.
		Brown & Sharpe Mfg. Co., Providence, R. I.
		H. Chapin's Sons Co., Pine Meadow, Conn.
		Pratt & Whitney Co., Hartford, Conn.
GG.	SURFACE GAUGES.	Athol Machine Co., Athol, Mass.
		Billings & Spencer Co., Hartford, Conn.
		Brown & Sharpe Mfg. Co., Providence, R. I.
		Sawyer Tool Co., Inc., Fitchburg, Mass.
		Standard Tool Co., Athol, Mass.
		L. S. Starrett Co., Athol, Mass.
		J. Stevens Arms & Tool Co., Chicopee Falls, Mass.
HH.	THICKNESS GAUGES.	L. S. Starrett Co., Athol, Mass.
II.	THREAD GAUGES.	Brown & Sharpe Mfg. Co., Providence, R. I.

Pratt & Whitney Co., Hartford, Conn.
Sawyer Tool Co., Athol, Mass.
L. S. Starrett Co., Athol, Mass.

JJ. TIN PLATE GAUGES. Buda Foundry & Mfg. Co., Harvey, Ill.

KK. WHEEL GAUGES. Gage Tool Co., Vineland, N. J.

LL. WIRE GAUGES. Brown & Sharpe Mfg. Co., Providence, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
L. P. & D. Transmitter Co., Montpelier, Vt.

2053. GEAR CALCULATORS.
Brown & Sharpe Mfg. Co., Providence, R. I.

2054. GILDERS' GLIDING WHEELS.
Wm. H. Coe Mfg. Co., 230 Westminster St., Providence, R. I.

2055. GIMLETS.
Chester Mfg. Co., Chester, Conn.
Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
Connecticut Valley Mfg. Co., Centrebrook, Conn.
Amos H. & J. S. Deuse, Chester, Conn.
Garrett & Beach, Seymour, Conn.
C. E. Jennings & Co., 79 Reade St., New York.
H. H. Mayhew Co., Shelbourne Falls, Mass.
H. M. Norton & Co., Chester, Conn.
Snell Mfg. Co., Fiskdale, Mass.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.
Jas. Swan Co., Seymour, Conn.

2056. GLASS WORKS MACHINERY.
Cox & Sons Co., 215 Race St., Philadelphia, Pa.
Fisher Foundry & Machine Co., Pittsburg, Pa.
Arthur Fritsch Foundry & Machine Co., St. Louis, Mo.
New Albany Mfg. Co., New Albany, Ind.
St. Louis Iron & Machine Co., N. Main St., St. Louis, Mo.
Williams Bros., Ithaca, N. Y.

A. GLASS BANDING MACHINES. National Machinery Co., Tiffin, O.

B. GLASS CRACKING-OFF MACHINES. National Machinery Co., Tiffin, O.

C. GLASS GRINDING MACHINES. National Machinery Co., Tiffin, O.

D. GLASS MELTERS. Pittsburg Clay Pot. Co., Allegheny, Pa.

E. GLASS MOULDS, SPECIAL. Rodefer Bros., Bellaire, O.

F. MOULDS & PRESSES, GLASSWARE. Herman Behr & Co., 75 Beekman St., New York.
Homer Brooke, 44 Barclay St., New York.
Brooks & Co., 86 Fulton St., New York.
New Prague Mfg. Co., New Prague, Minn.

G. PLATE GLASS MACHINERY. Fisher Foundry & Machine Co., Pittsburg, Pa.

2057. GLAZIERS' TOOLS.

A. GLASS CUTTERS. Thos. J. Andress, 821 Cherry St., Philadelphia, Pa.
H. H. Mayhew Co., Shelburne, Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
S. G. Monce, Unionville, Conn.
Philadelphia Novelty Mfg. Co., 428 N. 13th St., Phila., Pa.
F. R. Woodward, Hill, N. H.

B. GLASS CUTTERS, CIRCLE. W. L. Barrett, Bristol, Conn.
S. G. Monce, Unionville, Conn.

C. GLASS CUTTING BOARDS. Lufkin Rule Co., Saginaw, Mich.

D. GLAZIERS' DIAMOND POINTS. Austin & Eddy, Boston, Mass.

E. GLAZIERS' RULES. Belcher Bros. & Co., Irvington, N. J.

2058. GLUE MACHINERY. Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

2059. GLUING MACHINERY.
J. A. Fay & Egan Co., Cincinnati, O.
Chas. E. Francis & Bro., Cincinnati, O.

A. VENEER GLUING MACHINES. Chas. E. Francis & Bro., Cincinnati, O.
Mich. Iron Works, Grand Rapids, Mich.

2060. GRADUATING MACHINES.
Theo. Alteneder & Sons, Philadelphia, Pa.

2061. GRAIN CLEANING MACHINERY.
Barnard & Leas Mfg. Co., Moline, Ill.
Best Mfg. Co., San Leandro, Cal.
Johnson & Field Mfg. Co., Racine, Wis.
S. S. Messinger & Son, Tatamy, Pa.
Nordyke & Marmon Co., Indianapolis, Ind.
Stevens Mfg. Co., Joliet, Ill.

A. ASPIRATING SEPARATORS. J. B. Allfree Mfg. Co., Indianapolis, Ind.
S. Howes Co., Silver Creek, N. Y.

B. BARLEY CRUSHERS. Benicia Agricultural Works, Benicia, Cal.
Nordyke & Marmon Co., Morris St., Indianapolis, Ind.

	John T. Noye Mfg. Co., Buffalo, N. Y.
C. BARLEY GRADERS.	S. Howes Co., Silver Creek, N. Y.
D. BRUSH MACHINES.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	S. Howes Co., Silver Creek, N. Y.
	Nordyke & Marmon Co., Indianapolis, Ind.
	Richmond Mfg. Co., Lockport, N. Y.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
E. BUCKWHEAT REFINERS & SEPARATORS.	Nordyke & Marmon Co., Indianapolis, Ind.
F. BUCKWHEAT SCOURERS.	Hercules Co., Cardington, O.
	Nordyke & Marmon Co., Morris St., Indianapolis, Ind.
	Sprout, Waldron & Co., Muncy, Pa.
	Barnard & Leas Mfg. Co., Moline, Ill.
G. COMBINED BRUSH MACHINES & SEPARATORS.	S. Howes Co., Silver Creek, N. Y.
H. COMBINED SCOURING, POLISHING & SEPARATING MACHINES.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	Barnard & Leas Mfg. Co., Moline, Ill.
	S. Howes Co., Silver Creek, N. Y.
	Nordyke & Marmon Co., Indianapolis, Ind.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
I. COMBINED SMUT & BRUSH MACHINES.	Barnard & Leas Mfg. Co., Moline, Ill.
	Johnson & Field, Racine, Wis.
J. COMBINED SMUTTERS & SEPARATORS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	Barnard & Leas Mfg. Co., Moline, Ill.
	E. H. Pease Mfg. Co., Racine, Wis.
K. CORN CLEANERS.	Case Mfg. Co., Columbus, O.
	Great Western Mfg. Co., Leavenworth, Kan.
	Johnson & Field Co., Racine, Wis.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
L. CORN HULLERS & PEARLERS	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	Nordyke & Marmon Co., 1007 Morris St., Indianapolis, Ind.
M. CORN SCOURERS.	J. B. Allfree Co., Indianapolis, Ind.
	R. O. Conant Co., Portland, Me.
	Hercules Co., Cardington, O.
N. DOUBLE RECEIVING SEPARATORS.	S. Howes Co., Silver Creek, N. Y.
	Nordyke & Marmon Co., Indianapolis, Ind.
O. DUSTLESS SEPARATORS.	Barnard & Leas Mfg. Co., Moline, Ill.
	A. P. Dickey Mfg. Co., Racine, Wis.
	Huntley Mfg. Co., Silver Creek, N. Y.
	Invincible Grain Cleaner Co., Silver Creek, N. Y.
	Johnson & Field Co., Racine, Wis.
	E. H. Pease Mfg. Co., Racine, Wis.
P. ELEVATOR SEPARATORS.	Barnard & Leas Mfg. Co., Moline, Ill.
	S. Howes Co., Silver Creek, N. Y.
	Johnson & Field Mfg. Co., Racine, Wis.
Q. GRAIN RE-CLEANERS.	Orrville Machine Co., Orrville, O.
R. GRAVITY SEPARATORS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
S. HOMINY SEPARATORS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	Nordyke & Marmon Co., Indianapolis, Ind.
T. HULLED OAT SEPARATORS.	S. Howes Co., Silver Creek, N. Y.
U. MAGNETIC SEPARATORS.	S. Howes Co., Silver Creek, N. Y.
	Nordyke & Marmon Co., Indianapolis, Ind.
V. OAT CLIPPERS.	Hercules Co., Cardington, O.
	E. H. Pease Mfg. Co., Racine, Wis.
W. ROLLING SCREENS.	Great Western Mfg. Co., Leavenworth, Kan.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Walker & Elliott, Wilmington, Del.
X. SCREENING SEPARATORS.	Barnard & Leas Mfg. Co., Moline, Ill.
	S. Howes Co., Silver Creek, N. Y.
	Nordyke & Marmon Co., Indianapolis, Ind.
Y. SINGLE RECEIVING SEPARATORS.	A. P. Dickey Mfg. Co., Racine, Wis.
	S. Howes Co., Silver Creek, N. Y.
Z. SMUT MACHINES.	Barnard & Leas Mfg. Co., Moline, Ill.
	Nordyke & Marmon Co., Indianapolis, Ind.
	Richmond Mfg. Co., Lockport, N. Y.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
AA. WAREHOUSE SEPARATORS.	A. P. Dickey Mfg. Co., Racine, Wis.
	S. Howes Co., Silver Creek, N. Y.
	Johnson & Field Co., Racine, Wis.
BB. WHEAT POLISHING MACHINERY.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	E. H. Pease Mfg. Co., Racine, Wis.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

CC. WHEAT SCOURERS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
Hercules Co., Cardington, O.
S. Howes Co., Silver Creek, N. Y.
Huntley Mfg. Co., Silver Creek, N. Y.
Link-Belt Engineering Co., Nicetown, Philadelphia, Pa.
Novelty Iron Works, Dubuque, Iowa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

DD. WHEAT SEPARATORS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
A. P. Dickey Mfg. Co., Racine, Wis.
Johnson & Field Co., Racine, Wis.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Union Iron Works, Inc., Decatur, Ill.

2062. GRAIN MILLING MACHINERY.

A. ASPIRATORS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
Codman & Shurtleff, 13 Tremont St., Boston, Mass.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Griscom & McFeeley, 523 N. 23d St., Philadelphia, Pa.
Knickerbocker Co., Jackson, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

B. ASPIRATORS, DOUBLE.
Willford Mfg. Co., Minneapolis, Minn.

C. AUTOMATIC SHAKE FEEDS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
Great Western Mfg. Co., Leavenworth, Kan.

D. BOLTING CHESTS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Case Mfg. Co., Columbus, O.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Leonard D. Harrison, New Haven, Conn.
Jeffrey Mfg. Co., Columbus, O.
John T. Noye Mfg. Co., Buffalo, N. Y.
Richmond City Mill Works, Richmond, Ind.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

E. BRAN DUSTERS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
Aug. Heine, Silver Creek, N. Y.
Knickerbocker Co., Jackson, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
Richmond City Mill Works, Richmond, Ind.
Richmond Mfg. Co., Lockport, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

F. BRAN PACKERS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
S. Howes Co., Silver Creek, N. Y.

G. BUCKWHEAT BOLTS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Great Western Mfg. Co., Leavenworth, Kan.
John T. Noye Mfg. Co., Buffalo, N. Y.

H. BUCKWHEAT HULLERS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

I. BUCKWHEAT MACHINERY.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

J. BUCKWHEAT MILLS.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
Sprout, Waldron & Co., Muncy, Pa.

K. BUCKWHEAT ROLLER MILLS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

L. CENTRIFUGAL REELS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
Aug. Heine, Silver Creek, N. Y.

	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
	Willford Mfg. Co., Minneapolis, Minn.
	Ypsilanti Machine Works, Ypsilanti, Mich.
M. COMBINED ASPIRATORS AND CRUSHERS.	Barnard & Leas Mfg. Co., Moline, Ill.
N. COMBINED BREAK MACHINES & SCALPERS.	Case Mfg. Co., Columbus, O.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
O. COMBINED MACHINE ROLLS & FLOUR DRESSERS.	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Willford Mfg. Co., Minneapolis, Minn.
P. CORN CRUSHERS.	N. P. Bowsher Co., South Bend, Ind.
	Great Western Mfg. Co., Leavenworth, Kan.
	Sprout, Waldron & Co., Muncy, Pa.
	Stover Mfg. Co., Freeport, Ill.
Q. CORN DEGERMINATORS.	Case Mfg. Co., Columbus, O.
	Nordyke & Marmon Co., Indianapolis, Ind.
R. CORN MEAL ASPIRATORS & PURIFIERS.	Case Mfg. Co., Columbus, O.
	Great Western Mfg. Co., Leavenworth, Kan.
	John T. Noye Mfg. Co., Buffalo, N. Y.
S. CORN MEAL BOLTS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	De Loach Mill Mfg. Co., Atlanta, Ga.
	Foos Mfg. Co., Springfield, O.
	Great Western Mfg. Co., Leavenworth, Kan.
	Leonard D. Harrison, New Haven, Conn.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
T. CORN MEAL MILLS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	Ames Plow Co., Quincy Hall, Boston, Mass.
	Samuel Cary, 17 Broadway, New York.
	De Loach Mill Mfg. Co., Atlanta, Ga.
	Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
	Eureka Bark Mill Co., Lancaster, Pa.
	A. B. Farquhar & Co., York, Pa.
	Foos Mfg. Co., Springfield, O.
	Great Western Mfg. Co., Leavenworth, Kan.
	Logan & Strobridge Iron Co., New Brighton, Pa.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Richmond City Mill Works, Richmond, Ind.
	Sprout, Waldron & Co., Muncy, Pa.
	George L. Squier Mfg. Co., Buffalo, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Stover Mfg. Co., Freeport, Ill.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
U. CORN MEAL PURIFIERS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	Case Mfg. Co., Columbus, O.
	Great Western Mfg. Co., Leavenworth, Kan.
	Hercules Co., Cardington, O.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
V. CORN ROLLER MILLS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.
	Samuel Carey, 17 Broadway, New York.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
W. CYLINDRICAL FLOUR MILLS.	Great Western Mfg. Co., Leavenworth, Kan.
X. CYLINDRICAL FLOUR REELS.	J. B. Allfree, Indianapolis, Ind.
	Jeffrey Mfg. Co., Columbus, O.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Y. DUST COLLECTORS.	Barnard & Leas Mfg. Co., Moline, Ill.
	Aug. Heine, Silver Creek, N. Y.
	Knickerbocker Co., Jackson, Mich.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Orrville Machine Co., Orrville, O.
	Richmond City Mill Works, Richmond, Ind.
	Sprout, Waldron & Co., Muncy, Pa.
Z. ELEVATOR SCALPERS.	Great Western Mfg. Co., Leavenworth, Kan.
	John T. Noye Mfg. Co., Buffalo, N. Y.
AA. FEED ROLLER MILLS.	J. B. Allfree Mfg. Co., Indianapolis, Ind.

Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
R. R. Howell & Co., Minneapolis, Minn.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

BB. FIRST BREAK FEED GOVERNORS.
K. Dongan, Minneapolis, Minn.

CC. FLOUR BOLTS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
Bradford Mill Co., Evans & 8th Sts., Cincinnati, O.
Samuel Carey, 17 Broadway, New York.
Case Mfg. Co., Columbus, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
Dubuque Turbine & Roller Mill Co., Dubuque, Iowa.
Great Western Mfg. Co., Leavenworth, Kan.
Aug. Heine, Silver Creek, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

DD. FLOUR DRESSERS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Ypsilanti Machine Works, Ypsilanti, Mich.

EE. FLOUR MILL ELEVATORS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

FF. FLOUR MILL MACHINERY.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Barry-Wehmiller Machinery Co., St. Louis, Mo.
C. O. Bartlett & Co., Cleveland, O.
Case Mfg. Co., Columbus, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
Filer & Stowell Co., Ltd., Milwaukee, Wis. *8
Great Western Mfg. Co., Leavenworth, Kan.
Griscom & McFeeley, 523 N. 23d St., Philadelphia, Pa.
Leonard D. Harrison, New Haven, Conn.
S. Howes Co., Silver Creek, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Richmond City Mill Works, Richmond, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Thornburgh-Creel Co., 241 S. Jefferson St., Chicago, Ill.
Willford Mfg. Co., Minneapolis, Minn.

GG. FLOUR MIXERS & FEEDERS.
J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

HH. FLOUR PACKERS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
Great Western Mfg. Co., Leavenworth, Kan.
S. Howes Co., Silver Creek, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Richmond City Mill Works, Richmond, Ind.
Sprout, Waldron & Co., Muncy, Pa.

II. HOMINY MILLS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
H. N. Hubbard, 18 Cliff St., New York.
Nordyke & Marmon Co., Indianapolis, Ind.

JJ. MIDDLINGS PURIFIERS.
J. B. Alfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.

Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
Dubuque Turbine & Roller Mill Co., Dubuque, Iowa.
Great Western Mfg. Co., Leavenworth, Kan.
Griscom & McFeeley, 523 N. 23d St., Phila., Pa.
Leonard D. Harrison, New Haven, Conn.
Irwin Flour Mills, Irwin, Pa.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Richmond City Mill Works, Richmond, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Willford Mfg. Co., Minneapolis, Minn.

KK. MILLING SEPARATORS.
S. Howes Co., Silver Creek, N. Y.

LL. OAT MEAL MACHINERY.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Webster, Camp & Lane Machine Co., Akron, O.

MM. PEARL BARLEY MILLS.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

NN. REEL GRADERS.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
Willford Mfg. Co., Minneapolis, Minn.

OO. ROLLER MILLS.
J. B. Allfree Mfg. Co., Indianapolis, Ind.
Edward P. Allis Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
Dubuque Turbine & Roller Mill Co., Dubuque, Iowa.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Geo. J. Fritz, 2008 S. 3d St., St. Louis, Mo.
Great Western Mfg. Co., Leavenworth, Kan.
Griscom & McFeeley, 523 N. 23d St., Philadelphia, Pa.
John James Co., La Crosse, Wis.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Richmond City Mill Works, Richmond, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Variety Iron Works, York, Pa.
Willford Mfg. Co., Minneapolis, Minn.
Ypsilanti Machine Works, Ypsilanti, Mich.

PP. ROUND REELS.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Willford Mfg. Co., Minneapolis, Minn.
Ypsilanti Machine Works, Ypsilanti, Mich.

QQ. RYE BOLTS.
Great Western Mfg. Co., Leavenworth, Kan.

RR. SCALPERS.
Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Aug. Heine, Silver Creek, N. Y.
Hercules Co., Cardington, O.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Westinghouse Co., Schenectady, N. Y.
Willford Mfg. Co., Minneapolis, Minn.

SS. WHEAT HEATERS.
J. B. Alfree Mfg. Co., Indianapolis, Ind.
Barnard & Leas Mfg. Co., Moline, Ill.
Nordyke & Marmon Co., Indianapolis, Ind.

2063. GRAPE CRUSHERS.
G. H. Bushnell Press Co., Thompsonville, Conn.

2064. GRAVEL RAKES.
Withington & Cooley Mfg. Co., Jackson, Mich.

2065. GREASE SEPARATORS.
D'Esté & Seeley Co., 19 Haverhill St., Boston, Mass.

2066. GRINDING MACHINERY.
Brown & Sharpe Mfg. Co., Providence, R. I.
Foos Mfg. Co., Springfield, O.
Sam'l H. Harman, Bloomsberg, Pa.
Morgan Machine Co., Rochester, N. Y.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
Springfield Mfg. Co., Bridgeport, Conn. *31
Stedman's Foundry & Mach. Works, Aurora, Ind.
Webster & Perks Tool Co., Spring St., Springfield, O.
Wells Bros. & Co., Greenfield, Mass.

A. BENCH GRINDERS.
Springfield Mfg. Co., Bridgeport, Conn. *31

B.	BICYCLE GEARING GRINDERS.	Faneuil Watch Tool Co., 474 Washington St., Boston, Mass.
		Stow Mfg. Co., Binghamton, N. Y. *18
C.	CALENDER ROLL GRINDERS.	B. S. Ray, Worcester, Mass.
		Trevor Mfg. Co., Lockport, N. Y.
D.	CARBORUNDUM.	Carborundum Co., Niagara Falls, N. Y.
E.	CARBORUNDUM GRAINS.	Carborundum Co., Niagara Falls, N. Y.
F.	CARBORUNDUM WHEELS.	Carborundum Co., Niagara Falls, N. Y.
G.	CAR BOX GRINDERS.	Diamond Machine Co., Providence, R. I.
		Tanite Co., Stroudsburg, Pa.
H.	CAR WHEEL GRINDERS.	Allentown Rolling Mills, Allentown, Pa.
		Springfield Mfg. Co., Bridgeport, Conn. *31
I.	CENTER GRINDERS.	Dwight Slate Machine Co., Hartford, Conn.
		Empire Engine & Motor Co., Orangeburg, N. Y.
		Stow Mfg. Co., Binghamton, N. Y. *18
J.	COCK GRINDERS.	Lodge & Shipley Machine Tool Co., Cincinnati, O.
		Warner & Swasey, Cleveland, O.
K.	COMBINATION GRINDERS.	Dwight Slate Machine Co., Hartford, Conn.
L.	CORNISH ROLL GRINDERS.	Birmingham Iron Foundry, Birmingham, Conn.
		Tanite Co., Stroudsburg, Pa.
M.	CORUNDUM.	L. Best, 45 Vesey St., New York.
		Hampden Corundum Wheel Co., Brightwood, Mass.
		Hampden Emery & Corundum Co., Chester, Mass.
		Standard Emery Wheel Co., Albany, N. Y.
		Sterling Emery Wheel Co., 45 Vesey St., New York.
N.	CORUNDUM WHEELS.	Abrasive Material Co., S. 72d & Upland, Philadelphia, Pa.
		L. Best, 45 Vesey St., New York.
		Detroit Emery Wheel Co., Detroit, Mich.
		Hampden Corundum Wheel Co., Brightwood, Mass.
		Lehigh Valley Emery Wheel Works, Weissport, Pa.
		Northampton Emery Wheel Co., Leeds, Mass.
		Norton Emery Wheel Co., Worcester, Mass.
		Standard Emery Wheel Co., Albany, N. Y.
		Charles A. Strelinger Co., 96 Bates St., Detroit, Mich.
		Waltham Emery Wheel Co., Waltham, Mass.
		S. S. White Dental Mfg. Co., Chestnut & S. 12th., Phila., Pa.
O.	CUP WHEEL GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn. *31
P.	CUTTER GRINDERS.	Cincinnati Milling Machine Co., Cincinnati, O.
		Dwight Slate Machine Co., Hartford, Conn.
		Garvin Machine Co., Spring & Varick Sts., New York.
		Gould & Eberhardt, Newark, N. J.
		Norton Emery Wheel Co., Worcester, Mass.
		Pratt & Whitney Co., Hartford, Conn.
		Putnam Machine Co., Fitchburg, Mass.
		Wells Bros. & Co., Greenfield, Mass.
Q.	DIE GRINDERS.	Garvin Machine Co., Spring & Varick Sts., New York.
		Springfield Mfg. Co., Bridgeport, Conn. *31
		Stow Mfg. Co., Binghamton, N. Y. *18
R.	DOUBLE WHEEL TOOL GRINDERS.	Leland & Faulconer Mfg. Co., Detroit, Mich.
S.	EMERY ARBORS.	J. M. Hayden & Co., Grand Rapids, Mich.
T.	EMERY BLOCKS.	Abrasive Material Co., S. 72d & Upland, Philadelphia, Pa.
U.	EMERY GRINDERS.	American Wood Working Mach. Co., 141 B'way, New York.
		E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
		W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
		Blake & Johnson, Waterbury, Conn.
		Capital City Machine Works, Columbus, O.
		H. L. Chapman, Marcellus, Mich.
		Cordesman, Meyers & Co., 170 W. 2d St., Cincinnati, O.
		Diamond Machine Co., Providence, R. I.
		Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
		Florence Machine Co., Florence, Mass.
		Gould & Eberhardt, Newark, N. J.
		Hill, Clarke & Co., 156 Oliver St., Boston, Mass.
		E. & B. Holmes Machinery Co., Buffalo, N. Y.
		Kimball Bros. & Sprague, 153 Center St., Brockton, Mass.
		Lehigh Valley Emery Wheel Co., Weissport, Pa.
		Lodge & Shipley Mach. Tool Co., Cincinnati, O.
		Northampton Emery Wheel Co., Leeds, Mass.
		Norton Emery Wheel Co., Worcester, Mass.
		C. O. & A. D. Porter, Grand Rapids, Mich.
		C. B. Rogers & Co., Norwich, Conn.
		S. C. Rogers & Co., Lock St., Buffalo, N. Y.
		Sebastian Lathe Co., Cincinnati, O.
		Spicer Mfg. Co., New Philadelphia, O.
		Springfield Mfg. Co., Bridgeport, Conn. *31
		Standard Emery Wheel Co., Albany, N. Y.

		Charles Strelinger & Co., 96 Bates St., Detroit, Mich.	
		Tanite Co., Stroudsburg, Pa.	
		D. W. Williamson & Co., Indianapolis, Ind.	
V.	EMERY GRINDER STANDS.	Diamond Machine Co., Providence, R. I.	
		J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.	
		Slotkin & Praglin, 58 Rutgers St., New York.	
		H. B. Smith Machine Co., Smithville, N. J.	
		Standard Emery Wheel Co., Albany, N. Y.	
W.	EMERY GRINDING PANS.	Thomas Carlin's Sons, Allegheny, Pa.	
X.	EMERY PLANERS.	Diamond Machine Co., Providence, R. I.	
		Standard Emery Wheel Co., Albany, N. Y.	
		Tanite Co., Stroudsburg, Pa.	
Y.	EMERY SURFACERS.	Diamond Machine Co., Providence, R. I.	
		Springfield Mfg. Co., Bridgeport, Conn.	*31
		Tanite Co., Stroudsburg, Pa.	
Z.	EMERY WHEEL CHUCKS.	Springfield Mfg. Co., Bridgeport, Conn.	*31
AA.	EMERY WHEEL DRESSERS.	L. Best, 45 Vesey St., New York.	
		Chicago Screw Co., 94 W. Washington St., Chicago, Ill.	
		J. M. Hayden & Co., Grand Rapids, Mich.	
		Norton Emery Wheel Co., Worcester, Mass.	
		Sewing Machine Supplies Co., 72 Lincoln St., Boston, Mass.	
		Standard Emery Wheel Co., Albany, N. Y.	
		Standard Tool Co., Cleveland, O.	
BB.	EMERY WHEEL HEADS.	Slotkin & Praglin, 58 Rutgers St., New York.	
CC.	EMERY WHEEL MACHINERY.	Diamond Machine Co., Providence, R. I.	
		S. C. Forsaith Mach. Co., Manchester, N. H.	
		Northampton Emery Wheel Co., Leeds, Mass.	
		Norton Emery Wheel Co., Worcester, Mass.	
		Palmer Hardware Mfg. Co., Troy, N. Y.	
		Safety Emery Wheel Co., Springfield, O.	
		Standard Emery Wheel Co., Albany, N. Y.	
DD.	EMERY WHEELS.	Abrasive Material Co., S. 72d & Upland, Philadelphia, Pa.	
		L. Best, 45 Vesey St., New York.	
		Covel Mfg. Co., 8 S. Canal St., Chicago, Ill.	
		Detroit Emery Wheel Co., Detroit, Mich.	
		Diamond Machine Co., Providence, R. I.	
		S. C. Forsaith Mach. Co., Manchester, N. H.	
		Hampden Corundum Wheel Co., Brightwood, Mass.	
		Hampden Emery & Corundum Co., Chester, Mass.	
		Lancaster Peerless Emery Wheel Co., Lancaster, Pa.	
		Lehigh Valley Emery Wheel Works, Weissport, Pa.	
		New York Belting & Packing Co., 25 Park Place, New York.	
		Northampton Emery Wheel Co., Leeds, Mass.	
		Norton Emery Wheel Co., Worcester, Mass.	
		Safety Emery Wheel Co., Springfield, O.	
		Springfield Mfg. Co., Bridgeport, Conn.	*31
		Standard Emery Wheel Co., Albany, N. Y.	
		Sterling Emery Wheel Co., Tiffin, O.	
		Tanite Co., Stroudsburg, Pa.	
		Waltham Emery Wheel Co., Waltham, Mass.	
EE.	EMERY WHEELS, HOUSEHOLD.	Diamond Machine Co., Providence, R. I.	
FF.	FAMILY GRINDSTONES.	Pike Mfg. Co., Pike Station, N. H.	
GG.	FIVE WHEEL GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn.	*31
HH.	FLAT GRINDERS.	Charles H. Besly & Co., 10 N. Canal St., Chicago, Ill.	
		Landis Tool Co., Waynesboro, Pa.	*3
II.	FLOOR GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn.	*31
JJ.	GEAR GRINDERS.	Gould & Eberhardt, Newark, N. J.	
KK.	GRINDING LATHES.	Springfield Mfg. Co., Bridgeport, Conn.	*31
LL.	GRINDSTONE BOXES.	Robt. Poole & Son Co., Baltimore, Md.	
		San Francisco Tool Works, San Francisco, Cal.	
		Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.	
		H. B. Smith Machine Co., Smithville, N. J.	
MM.	GRINDSTONE FIXTURES.	Cleveland Stone Co., Cleveland, O.	
		James L. Haven Co., 56 Plum St., Cincinnati, O.	
		Peck, Stow & Wilcox Co., Southington, Conn.	
		Penn. Hardware Co., Reading, Pa.	
		Wrightsville Hardware Co., Wrightsville, Pa.	
NN.	GRINDSTONE FRAMES.	Athol Machine Co., Athol, Mass.	
		Cleveland Stone Co., Cleveland, O.	
		Dickson Mfg. Co., Scranton, Pa.	
		Hill, Clarke & Co., 156 Oliver St., Boston, Mass.	
		Putnam Machine Co., Fitchburg, Mass.	
		Sebastian Lathe Co., Cincinnati, O.	
OO.	GRINDSTONES.	Cleveland Stone Co., Cleveland, O.	
		S. Obermayer Co., Cincinnati, O.	

		Whitman & Barnes Mfg. Co., Akron, O.
		Walter R. Wood & Co., Ltd., 285 Front St., New York.
PP.	GRINDSTONES, MOUNTED.	Atlantic Stone Co., 474 Atlantic Av., Boston, Mass.
		Cleveland Stone Co., Cleveland, O.
QQ.	GRINDSTONE TROUGHS.	Brown & Sharpe Mfg. Co., Providence, R. I.
		Pond's Machine Mfg. Tool Co., Plainfield, N. J.
RR.	GRINDSTONE TURNERS.	Brown & Sharpe Mfg. Co., Providence, R. I.
		Pond Machine Tool Co., 111 Liberty St., New York.
SS.	INTERNAL GRINDERS.	Faneuil Watch Tool Co., Brighton, Boston, Mass.
TT.	KNIFE GRINDERS.	American Wood Working Mach. Co., 141 B'way, New York.
		Bentel & Margedant Co., Hamilton, O.
		Buss Machine Works, Grand Rapids, Mich.
		Defiance Machine Works, Defiance, O.
		Diamond Machine Co., Providence, R. I.
		J. A. Fay & Egan Co., Cincinnati, O.
		W. O. Hickok Mfg. Co., Harrisburg, Pa.
		E. & B. Holmes Machinery Co., Buffalo, N. Y.
		Michigan Iron Works, Grand Rapids, Mich.
		Wm. T. Powers & Son, Grand Rapids, Mich.
		Preble Machine Works Co., 125 S. Clinton St., Chicago, Ill.
		C. B. Rogers & Co., Norwich, Conn.
		S. C. Rogers & Co., Lock St., Buffalo, N. Y.
		Seybold Machine Co., Dayton, O.
		H. B. Smith Machine Co., Smithville, N. J.
		Springfield Mfg. Co., Bridgeport, Conn. *31
		Tanite Co., Stroudsburg, Pa.
		Trevor Mfg. Co., Lockport, N. Y.
		D. W. Williamson & Co., Indianapolis, Ind.
		S. A. Wood Mach. Co., South Boston, Mass.
UU.	LATHE CENTRE GRINDERS.	Leland & Faulconer Mfg. Co., Detroit, Mich.
		Trump Bros. Mach. Co., Anchorage St., Wilmington, Del.
VV.	MILL PICK GRINDERS.	C. K. Bullock, 1357 Ridge Av., Philadelphia, Pa.
		Diamond Machine Co., Providence, R. I.
WW.	PORTABLE EMERY GRINDERS.	Stow Flex. Shaft Co., N. 26th & Callowhill Sts., Phila., Pa.
		Stow Mfg. Co., Binghamton, N. Y. *18
XX.	PULLEY GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn. *31
YY.	REAMER GRINDERS.	Dwight Slate Machine Co., Hartford, Conn.
		Norton Emery Wheel Co., Worcester, Mass.
		Putnam Machine Co., Fitchburg, Mass.
ZZ.	ROLL GRINDERS.	Lobdell Car Wheel Co., Wilmington, Del.
		Springfield Mfg. Co., Bridgeport, Conn. *31
AAA.	SAW GRINDERS.	Thomas Hinds, Malone, N. Y.
BBB.	SEWING MACHINE GRINDERS.	Faneuil Watch Tool Co., Boston, Mass.
CCC.	SHAFTING GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn. *31
DDD.	SHEAR GRINDERS.	Curtis & Marble Machine Co., Worcester, Mass.
		Parks & Woolson Machine Co., Springfield, Vt.
		Pike Mfg. Co., Pike Station, N. H.
		Springfield Mfg. Co., Bridgeport, Conn. *31
EEE.	SLITTER GRINDERS.	Putnam Machine Co., Fitchburg, Mass.
FFF.	SPECIAL GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn. *31
GGG.	SPINDLE GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn. *31
HHH.	STROPPING MACHINES.	Springfield Mfg. Co., Bridgeport, Conn. *31
III.	SWING FRAME GRINDERS.	Springfield Mfg. Co., Bridgeport, Conn. *31
JJJ.	TOOL GRINDERS.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
		L. Best, 45 Vesey St., New York.
		Cincinnati Milling Mach. Co., Cincinnati, O.
		Cordesman Machine Co., 27 Butler St., Cincinnati, O.
		Diamond Machine Co., Providence, R. I.
		S. C. Forsaith Machine Co., Manchester, N. H.
		Gould & Eberhardt, Newark, N. J.
		Hamilton Machine Tool Co., Hamilton, O.
		Hill, Clarke & Co., 156 Oliver St., Boston, Mass.
		Northampton Emery Wheel Co., Leeds, Mass.
		Norton Emery Wheel Co., Worcester, Mass.
		Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
		Springfield Mfg. Co., Bridgeport, Conn. *31
		Wells Bros. & Co., Greenfield, Mass.
		D. W. Williamson & Co., Indianapolis, Ind.
KKK.	TWIST DRILL GRINDERS.	G. T. Eames Co., Kalamazoo, Mich.
		Morse Twist Drill & Machine Co., New Bedford, Mass.
		Norton Emery Wheel Co., Worcester, Mass.
		Standard Tool Co., Cleveland, O.
LLL.	UNIVERSAL GRINDERS.	Cincinnati Milling Mach. Co., Cincinnati, O.
		Springfield Mfg. Co., Bridgeport, Conn. *31
MMM.	WATER GRINDERS.	Norton Emery Wheel Co., Worcester, Mass.

2067. GRINDING MILLS.	Foos Mfg. Co., Springfield, O.
	S. S. Messinger & Son, Tatamy, Pa.
	L. J. Miller, 1233 Harrison Av., Cincinnati, O.
	Stedman's Foundry & Mach. Works, Aurora, Ind.
	Stover Mfg. Co., Freeport, Ill.
	Straub Machinery Co., 1940 W. 6th St., Cincinnati, O.
	Walker & Elliot, Wilmington, Del.
A. APPLE GRINDERS.	S. H. Bushnell Press Co., Thompsonville, Conn.
B. BONE MILLS.	Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
	Enterprise Mfg. Co., of Pa., N. 3d & Daughin Sts., Phila., Pa.
	Foos Mfg. Co., Springfield, O.
	S. C. Forsaith Mach. Co., Manchester, N. H.
	L. J. Miller, 1233 Harrison Av., Cincinnati, O.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
	Stedman's Foundry & Mach. Works, Aurora, Ind.
	Sturtevant Mill Co., Harrison Sq., Boston, Mass.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
	Wilson Bros., Easton, Pa. *12
C. CEMENT MILLS.	Allentown Foundry & Machine Works, Allentown, Pa.
	Sam'l Carey, 17 Broadway, New York.
	Great Western Mfg. Co., Leavenworth, Kan.
	Wm. F. Mosser, Allentown, Pa.
	Nordyke & Marmon Co., Indianapolis, Ind.
	Sprout, Waldron & Co., Muncy, Pa.
	Sturtevant Mill Co., Harrison Sq., Boston, Mass.
D. CHASER MILLS.	Samuel Carey, 17 Broadway, New York.
	Vulcan Iron Works, Wilkes-Barre, Pa.
E. CHICORY MILLS.	L. J. Miller, 1233 Harrison Av., Cincinnati, O.
F. CIDER MILLS.	H. N. Hubbard, 18 Cliff St., New York.
G. CINDER MILLS.	Hess, Snyder & Co., Massillon, O.
H. CLAY GRINDING MILLS.	American Clay Working Mach. Co., Bucyrus, O.
	Stedman's Foundry & Mach. Works, Aurora, Ind.
I. COAL & COKE CRACKERS.	C. W. Hunt Co., 45 Broadway, New York.
J. CORK GRINDERS.	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
K. CRUSHING MILLS.	Foos Mfg. Co., Springfield, O.
	L. J. Miller, Cincinnati, O.
L. CYANIDE MILLS.	Edward P. Allis Co., Milwaukee, Wis.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
M. DRUG & SPICE CLEANING MILLS.	Grant-Ferris Co., Troy, N. Y.
N. DRUG & SPICE MILLS.	Ames Plow Co., Quincy Hall, Boston, Mass.
	Samuel Carey, 17 Broadway, New York.
	Colls Mfg. Co., Philadelphia, Pa.
	J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
	Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Hance Bros. & White, 621 Callowhill St., Phila., Pa.
	Howard Fdy. & Mach. Works, 1744 Ludlow St., Phila., Pa.
	Lane Bros. Co., Poughkeepsie, N. Y.
	L. J. Miller, 1233 Harrison Av., Cincinnati, O.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Chas. Parker Co., Meriden, Conn.
	Peck, Stow & Wilcox Co., Southington, Conn.
	C. C. Phillips, 20 S. Broad St., Philadelphia, Pa.
	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
	John E. Smith's Sons, Buffalo, N. Y.
	Sprout, Waldron & Co., Muncy, Pa.
	Straub Machinery Co., 1940 W. 6th St., Cincinnati, O.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
	Union Lock & Hardware Co., Lancaster, Pa.
	R. W. Whitehurst & Co., Norfolk, Va.
	Wilson Bros., Easton, Pa. *12
O. EMERY MILLS.	Sprout, Waldron & Co., Muncy, Pa.
P. FIRE BRICK MILLS.	Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
	Sturtevant Mills Co., Harrison Sq., Boston, Mass.
Q. GLUE BREAKERS.	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
R. GREASE MILLS.	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
S. INDIGO GRINDERS.	H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
	Cleveland Machine Works, Worcester, Mass.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.

T. INK MILL ROLLS.	Houchin & Huber, 39 53d St., Brooklyn, N. Y.
	Lobdell Car Wheel Co., Wilmington, Del.
U. INK MILLS.	Black & Clawson Co., Hamilton, O.
	Samuel Carey, 17 Broadway, New York.
	Houchin & Huber, 39 53d St., Brooklyn, N. Y.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
V. LIME CRACKERS.	John T. Noye Mfg. Co., Buffalo, N. Y.
	Sturtevant Mill Co., Harrison Sq., Boston, Mass.
W. MINERAL MILLS.	Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
X. MIXING MACHINES.	C. O. Bartlett & Co., Cleveland, O.
	Crandall & Godley, 157 Franklin St., New York.
	J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Houchin & Huber, 39 53d St., Brooklyn, N. Y.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Riter-Conly Co., Pittsburg, Pa.
	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
	Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Y. MORTAR MILLS.	Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Z. MUSTARD MILLS.	J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
AA. OIL CAKE BREAKERS.	Foos Mfg. Co., Springfield, O.
	Lombard Iron Works & Supply Co., Augusta, Ga.
BB. OIL CAKE GRINDERS.	Edward P. Allis Co., Milwaukee, Wis.
	Foos Mfg. Co., Springfield, O.
	L. J. Miller, 1233 Harrison Av., Cincinnati, O.
	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
	Sprout, Waldron & Co., Muncy, Pa.
	Wilson Bros., Easton, Pa. *12
CC. OIL MILLS.	George H. Bushnell Press Co., Thompsonville, Conn.
	John H. McGowan Co., Cincinnati, O.
	Robt. Poole & Son Co., Baltimore, Md.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
	Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
	Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
DD. PAINT & COLOR MILLS.	Allentown Foundry & Machine Works, Allentown, Pa.
	C. O. Bartlett & Co., Cleveland, O.
	J. A. Berrill's Sons, Waterville, N. Y.
	Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
	Samuel Carey, 17 Broadway, New York.
	J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
	Leonard D. Harrison, New Haven, Conn.
	Houchin & Huber, 39 53d St., Brooklyn, N. Y.
	Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	C. C. Phillips, 20 S. Broad St., Philadelphia, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
	Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.
	J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
	Sprout, Waldron & Co., Muncy, Pa.
	Sturtevant Mill Co., Harrison Square, Boston, Mass.
	Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
	Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
EE. PAINT MIXERS.	J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O.
	Houchin & Huber, 39 53d St., Brooklyn, N. Y.
	Robt. Poole & Son Co., Baltimore, Md.
	Waterville Foundry & Mfg. Co., Waterville, N. Y.
FF. PHOSPHATE BREAKERS.	Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
	Dickson Mfg. Co., Scranton, Pa.
	George F. Motter & Sons, York, Pa.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Robt. Poole & Son Co., Baltimore, Md.
	Sturtevant Mill Co., Harrison Square, Boston, Mass.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	Wilson Bros., Easton, Pa. *12
GG. PLASTER CRUSHERS.	Butterworth & Lowe, Grand Rapids, Mich.
	George F. Motter & Sons, York, Pa.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Sturtevant Mill Co., Harrison Square, Boston, Mass.
HH. PULVERIZERS.	Foos Mfg. Co., Springfield, O.

Houchin & Huber, 39 53d St., Brooklyn, N. Y.
C. C. Phillips, 20 S. Broad St., Philadelphia, Pa.
J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
Stedman's Foundry & Machine Works, Aurora, Ind.
Sturtevant Mill Co., Harrison Square, Boston, Mass.
Walker & Elliot, Wilmington, Del.

II. REDUCTION MILLS. — American Clay Working Machine Co., Bucyrus, O.

JJ. SALT MILLS. — Samuel Carey, 17 Broadway, New York.
L. J. Miller, 1233 Harrison Av., Cincinnati, O.
John T. Noye Mfg. Co., Buffalo, N. Y.
Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.

KK. SHELL MILLS. — S. S. Messinger & Son, Tatamy, Pa.

LL. STARCH MILLS. — Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.
J. S. & G. F. Simpson, 26 Rodney St., Brooklyn, N. Y.

MM. SUGAR GRINDERS. — J. W. Ruger Mfg. Co., 214 Chicago St., Buffalo, N. Y.

2068. GRINDING PANS. — Thomas Carlin's Sons, Allegheny, Pa.

2069. GRIST MILL MACHINERY.

A. BUHR STONE MILLS. — Samuel Carey, 17 Broadway, New York.
Cutler Co., North Wilbraham, Mass.
De Loach Mill Mfg. Co., Atlanta, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Richmond City Mill Works, Richmond, Ind.
Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.

B. COB CRUSHERS & GRINDERS. — Foos Mfg. Co., Springfield, O.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Smalley Mfg. Co., Manitowoc, Wis.
Stover Mfg. Co., Freeport, Ill.

C. FAMILY GRIST MILLS. — Nordyke & Marmon Co., Indianapolis, Ind.
Stevens Mfg. Co., Joliet, Ill.
Stover Mfg. Co., Freeport, Ill.
Wilson Bros., Easton, Pa. *12

D. GRIST MILLS. — Chris. Abele, 253 W. 27th St., New York.
Althouse-Wheeler Co., Waupon, Wis.
Ames Plow Co., Boston, Mass.
Appleton Machine Co., Appleton, Wis.
Aultman & Taylor Machinery Co., Mansfield, O.
Baker Mfg. Co., Evansville, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Benicia Agricultural Works, Benicia, Cal.
Bradford Mill Co., Cincinnati, O.
Samuel Carey, 17 Broadway, New York.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Chatham Machinery Co., Bryan, Tex.
R. D. Cole Mfg. Co., Newman, Ga.
G. D. Colton & Co., Galesburg, Ill.
Cutler Co., North Wilbraham, Mass.
C. Ehmke, Silver Creek, N. Y.
J. B. Ehrsam Machine Co., Enterprise, Kan.
Elgin Wind Power & Pump Co., Elgin, Ill.
Abram Ellwood Mfg. Co., De Kalb, Ill.
Enterprise Mfg. Co., Columbiana, O.
A. B. Farquhar Co., Ltd., York, Pa.
Foos Mfg. Co., Springfield, O.
Frost Mfg. Co., Galesburg, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Groton Bridge & Mfg. Co., Groton, N. Y.
Aug. Heine, Silver Creek, N. Y.
Hocking Valley Mfg. Co., Lancaster, O.
R. R. Howell & Co., Minneapolis, Minn.
S. Howes Co., Silver Creek, N. Y.
Huntley Mfg. Co., Silver Creek, N. Y.
Kingsland Mfg. Co., St. Louis, Mo.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Lane & Bodley Co., Cincinnati, O.
Lane Bros. Co., Poughkeepsie, N. Y.
Livermore Foundry & Machine Co., Memphis, Tenn.
Logan & Strobridge Iron Co., New Brighton, Pa.
Lombard Iron Works & Supply Co., Augusta, Ga.
Marseilles Mfg. Co., Marseilles, Ill.

James H. McLain Co., Canton, O.
S. S. Messinger & Son, Tatamy, Pa.
Munson Bros., Utica, N. Y.
Newell Universal Mill Co., 26 Cortlandt St., New York.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
E. H. Pease Mfg. Co., Racine, Wis.
Perkins Wind Mill & Axe Co., Mishawaka, Ind.
C. C. Phillips, 20 S. Broad St., Philadelphia, Pa.
Richmond City Mill Works, Richmond, Ind.
Robinson & Co., Richmond, Ind.
Sandwich Mfg. Co., Sandwich, Ill.
Sinker-Davis Co., Indianapolis, Ind.
Smalley & Co., Manitowoc, Wis.
Sterling Mfg. Co., Sterling, Ill.
A. W. Stevens Co., Auburn, N. Y.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Valk & Murdoch Iron Works, Charleston, S. C.
West Point Iron Works, West Point, Ga.
Whitman Agricultural Co., St. Louis, Mo.
Wilson Bros., Easton, Pa. *12

E. PLANTATION MILLS.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.

F. PORTABLE MILLS.
Blymyer Iron Works, Cincinnati, O.
Samuel Carey, 17 Broadway, New York.
Great Western Mfg. Co., Leavenworth, Kan.
New Birdsall Co., Auburn, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Ryan-McDonald Mfg. Co., Baltimore, Md.
B. F. Starr & Co., Baltimore, Md.
A. W. Stevens Co., Auburn, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

G. RYE MILLS.
Case Mfg. Co., Columbus, O.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.

H. TORTILLA MILLS.
Blymyer Iron Works Co., Cincinnati, O.
George L. Squier Mfg. Co., Buffalo, N. Y.
Straub Machinery Co., Cincinnati, O.

I. UNDER RUNNER MILLS.
Munson Bros., Utica, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.

J. UNIVERSAL ECCENTRIC GRINDING MILLS.
J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.

K. UNIVERSAL MILLS.
Bradley Fertilizer Co., 27 Kilby St., Boston, Mass.
Newell Universal Mill Co., 26 Cortlandt St., New York.
John T. Noye Mfg. Co., Buffalo, N. Y.
Charles Ross & Son, Brooklyn, N. Y.

L. UPPER RUNNER MILLS.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Charles Ross & Son, 16 Steuben St., Brooklyn, N. Y.

M. WINDMILL GRIST MILLS.
Appleton Mfg. Co., Batavia, Ill.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Duplex Mfg. Co., South Superior, Wis.
Elgin Wind Power & Pump Co., Elgin, Ill.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chicago, Ill.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Perkins Wind Mill & Axe Co., Mishawaka, Ind.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
E. B. Winger, Chicago, Ill.

2070. GRIST MILL TOOLS.

A. MILL PICKS.
William H. Anderson & Sons, Detroit, Mich.
Atha Tool Co., Newark, N. J.
Samuel Carey, 17 Broadway, New York.
C. Hammond & Son, Ogontz, Pa.
Leonard D. Harrison, New Haven, Conn.
John C. Higgins & Son, 165 W. Kinzie St., Chicago, Ill.
Iron City Tool Works, Ltd., Pittsburg, Pa.
H. H. Harvey, Boston, Mass.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
Sprout, Waldron & Co., Muncy, Pa.

B. PROOF STAFFS.
Great Western Mfg. Co., Leavenworth, Kan.

John T. Noye Mfg. Co., Buffalo, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

2071. GROMMET SETTING MACHINES.
Edwin B. Stimpson & Son, 31 Spruce St., New York.

2072. GUNPOWDER MACHINERY & TOOLS.
Allentown Foundry & Mach. Works, Allentown, Pa.
John Mullen & Son, Shamokin, Pa.
Olin Scott, Bennington, Vt.
Vulcan Iron Works, Wilkes-Barre, Pa.

A. GUNPOWDER GAUGES.
Thos. Shaw, M. E., 915 Ridge Av., Philadelphia, Pa.

B. GUNPOWDER PRESSES.
Watson-Stillman Co., 210 E. 43d St., New York.

C. POWDER MILL TOOLS.
Phosphor Bronze Smelting Co., Ltd., Wash'n Av., Phila., Pa.

2073. HACK SAW FRAMES.
Belle City Mfg. Co., Racine, Wis.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

2074. HAIR BEATERS.
Randall & Co., Cincinnati, O.

2075. HAIR PICKERS.
J. H. Day & Co., Cincinnati, O.

2076. HAMMERS.
Atha Tool Co., Newark, N. J.
Anderson, Du Puy & Co., Pittsburg, Pa.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Badger Bros., West Quincy, Mass.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Bangor Excelsior Slate Co., Easton, Pa.
Billings & Spencer Co., Hartford, Conn.
Henry Cheney Hammer Co., Little Falls, N. Y.
Collins Co., Collinsville, Conn.
Dicke Tool Co., Downer's Grove, Ill.
Dickson Mfg. Co., Scranton, Pa.
Abner Doble Co., San Francisco, Cal.
C. Drew & Co., Kingston, Mass.
C. Hammond & Sons, Ogontz, Pa.
Henry H. Harvey, Boston, Mass.
John C. Higgins & Son, 165 W. Kinzie St., Chicago, Ill.
A. & C. W. Holbrook, Providence, R. I.
Humason & Beckley Mfg. Co., New Britain, Conn.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Kraeuter Co., Newark, N. J.
C. S. Osborne & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Fayette R. Plumb, Esq., Tucker & James, Phila., Pa.
Louis Sacks, Newark, N. J.
Stover Mfg. Co., Freeport, Ill.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
Wm. R. Warner & Son, Cromwell, Conn.
West Mfg. Co., Buffalo, N. Y.
L. & I. J. White Co., Buffalo, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

A. MAGNETIC HAMMERS.
Atha Tool Co., Newark, N. J.
David Maydole Hammer Co., Norwich, N. Y.
Stanley Rule & Level Co., New Britain, Conn.

B. TACK HAMMERS.
Atha Tool Co., Newark, N. J.
Chalfant Mfg. Co., Atglen, Pa.
Elbel & Co., Canton, O.
C. Hammond & Son, Ogontz, Pa.
Humason & Beckley Mfg. Co., New Britain, Conn.
Landers, Frary & Clark, New Britain, Conn.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
C. S. Osborne & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Ripley Mfg. Co., Unionville, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Stover Mfg. Co., Freeport, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

C. TACK HAMMER, SETTER & LIFTER COMBINED.
Elbel & Co., Canton, O.

D. UPHOLSTERERS' HAMMERS.
Atha Tool Co., Newark, N. J.
Dicke Tool Co. Downer's Grove, Ill.
Kraeuter Co., Newark, N. J.
C. S. Osborne & Co., Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.

2077. HANDLE MACHINERY.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
Garvin Machine Co., Spring & Varick Sts., New York.
Merritt Mfg. Co., Lockport, N. Y.
Ober Lathe Co., Chagrin Falls, O.
C. B. Rogers & Co., Norwich, Conn.

H. B. Smith Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.

2078. HAND SCREWS.
R. Bliss Mfg. Co., Pawtucket, R. I.
H. Chapin's Sons Co., Pine Meadow, Conn.
Detroit Screw Works, Detroit, Mich.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Novelty Wood Works, Union City, Pa.
S. Obermayer Co., Cincinnati, O.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.

2079. HATCHETS.
American Axe & Tool Co., Pittsburg, Pa.
Atha Tool Co., Newark, N. J.
Collins & Co., Collinsville, Conn.
Findlay Axe & Tool Co., Findlay, O.
C. Hammond & Son, Ogontz, Pa.
Harding Edge Tool Co., Newark, N. J.
Iwan Bros., Streator, Ill.
Henry Knickerbacker, Ballston Spa, N. Y.
Fred. W. Peck, Agent, Cohoes, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Fayette R. Plumb, Esq., Tucker & James, Phila., Pa.
Romer Axe Co., Dunkirk, N. Y.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
L. & I. J. White Co., Buffalo, N. Y.
Chas. A. Williams & Co., Skowhegan, Me.
Wrightsville Hardware Co., Wrightsville, Pa.

2080. HAT MACHINERY & TOOLS.

A. ELECTRIC HAT IRONS. — American Electrical Heater Co., Detroit, Mich.

B. FUR MIXERS. — Peck Mfg. Co., Danbury, Conn.

C. HAT BLOCKS. — Henry A. Ashwell, 180 Centre St., New York.
Mari A. Cuming, 49 Bleecker St., New York.
Gilbert Bros., Bethel, Conn.
J. F. Herman & Co., Newark, N. J.
Christian Nounenberger, 323 Race St., Philadelphia, Pa.
Peck Mfg. Co., Danbury, Conn.

D. HAT BRIM IRONS. — Chalfant Mfg. Co., Atglen, Pa.

E. HAT CLEANING MACHINES. — Delaplaine & Co., 19 N. 3d St., Philadelphia, Pa.

F. HAT CONFORMATORS. — Perfection Hat Conformator, Cincinnati, O.

G. HAT CROWN POUNCING MACHINES. — Charles H. Reid, Danbury, Conn.

H. HAT FORMING MACHINES. — Peck Mfg. Co., 9 River St., Danbury, Conn.

I. HAT MACHINERY. — Fred'k Muller, Newark, N. J.
New Machine Co., Danbury, Conn.

J. HAT ROUNDING MACHINES. — Charles H. Reid, 9 River St., Danbury, Conn.

K. HAT STRETCHERS. — Mari A. Cuming, 49 Bleecker St., New York.

L. HATTERS' TANKS. — Gilbert Bros., Bethel, Conn.

M. HATTERS' TOOLS. — Gilbert Bros., Bethel, Conn.
Chas. H. Reid, 9 River St., Danbury, Conn.
W. A. Wheeler, South Norwalk, Conn.

N. HAT VELOURING LATHES. — Turner Machine Co., Danbury, Conn.

O. HAT WIRING MACHINES. — L. Bulasky, 173 Prince St., New York.

P. HYDRAULIC HAT PRESSES. — Mari A. Cuming, 49 Bleecker St., New York.

Q. RUBBER HAT BLOCKS. — Boston Belting Co., Boston, Mass.

R. STRAW HAT MACHINES. — Howard Foundry & Mach. Wks...1744 Ludlow St., Phila., Pa.

S. SWEAT BAND PERFORATING MACHINES. — A. Rosenberg Co., Baltimore, Md.

T. SWEAT PRINTING MACHINES. — Kahn & Levy, 718 Broadway, New York.

2081. HEMP BREAKS.
Ewald Over, Indianapolis, Ind.
Progressive Iron Wks., 255 Greenpoint Av., Brooklyn, N. Y.

2082. HONEY MAKING MACHINERY.
Jas. L. Haven Co., Cincinnati, O.
A. I. Root Co., Medina, O.

2083. HOOKS, ENGINEERS' PACKING.
Wm. H. Anderson & Sons, Detroit, Mich.

2084. HOOK SETTING MACHINES.
Tubular Rivet & Stud Co., Boston, Mass.

2085. HOOKS, FREIGHT.

A. BOX HOOKS. — C. Drew & Co., Kingston, Mass.
Humason & Beckley Mfg. Co., New Britain, Conn.
William Johnson, Newark, N. J.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Thos. Laughlin Co., Portland, Me.
H. H. Harvey, Boston, Mass.

Nicol & Co., 57 W. Washington St., Chicago, Ill.
Geo. M. Stanwood & Co., Portland, Me.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill

B. COTTON HOOKS.
C. Drew & Co., Kingston, Mass.
Humason & Beckley Mfg. Co., New Britain, Conn.
William Johnson, Newark, N. J.
Thos. Laughlin Co., Portland, Me.
H. H. Harvey, Boston, Mass.
C. S. Osborne & Co., Newark, N. J.
Vaughan & Bushnell Mfg. Co., 877 Carroll St., Chicago, Ill.

C. HAY HOOKS.
C. Drew & Co., Kingston, Mass.
Henry H. Harvey, Boston, Mass.
Humason & Beckley Mfg. Co., New Britain, Conn.

2086. HORSE BLANKET WHIPPING MACHINES.
Merrow Machine Co., Hartford, Conn.

2087. HORSE BRUSH STITCHING MACHINES.
Puritan Mfg. Co., Boston, Mass.

2088. HORSE CLIPPERS.
Brown & Sharpe Mfg. Co., Providence, R. I.
Coates Clipper Mfg. Co., Worcester, Mass.
Edward S. Hotchkiss, Bridgeport, Conn.
Peters Harness & Saddlery Co., Newark, N. J.

A. HORSE CLIPPING MACHINES.
Chicago Flexible Shaft Co., 158 Huron St., Chicago, Ill.

2089. HORSESHOE MACHINES.
Wiley & Russell Mfg. Co., Greenfield, Mass.

2090. HOSE MENDERS.
Clayton & Lambert Mfg. Co., Ypsilanti, Mich.
King & Knight, Boston, Mass.
F. E. Kohler & Co., Canton, O.

A. RUBBER HOSE MENDER IRONS.
Melville D. Jones & Co., Boston, Mass.
Thomas Woodason, 2900 D St., Philadelphia, Pa.

B. WOODEN HOSE MENDERS.
F. E. Kohler & Co., Canton, O.

2091. HYDRAULIC MACHINERY.
Coffin Valve Co., Neponset, Mass.
Davis & Farnum Mfg. Co., Inc., Waltham, Mass.
Abner Doble Co., San Francisco, Cal.
W. & B. Douglas, Middletown, Conn.
Ellicott Machine Co., Baltimore, Md.
Goulds Mfg. Co., Seneca Falls, N. Y.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Penn. Iron Works Co., Lancaster Av. c. N. 5th St., Phil., Pa.
Craig Ridgway & Son, Coatesville, Pa.
Southwark Fdy. & Mach. Co., Washn. Av. & S. 5th St., Phila., Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Stokes & Parrish Elevator Co., 30th & Chest't Sts., Phil., Pa.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Walker Co., Cleveland, O.
R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.

A. HIGH PRESSURE HYDRAULIC MACHINES.
Watson-Stillman Co., 210 E. 43d St., New York.

B. HYDRAULIC DREDGING MACHINERY.
Robt. Poole & Son Co., Baltimore, Md.

C. HYDRAULIC DREDGING PUMPS.
Davis-Farrar Co., Erie, Pa.
Morris Machine Works, Baldwinsville, N. Y.

2092. HYDRO EXTRACTORS.
American Laundry Machinery Co., Cincinnati, O.
American Tool & Mach. Co., Boston, Mass.
Cleveland Machine Works, Worcester, Mass.
Schaum & Uhlinger, N. 2d St. & Glenwood Av., Phila., Pa.
W. H. Tolhurst & Son, Troy, N. Y.

2093. ICE TOOLS.
William H. Anderson & Sons, Detroit, Mich.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
H. F. Dernell & Co., Inc., Athens, N. Y.
Elyria Variety Works, Jackson, Mich.
Empire Forge Co., Lansingburg, N. Y.
Erie Specialty Co., Erie, Pa.
Peter Gerlach & Co., Cleveland, O.
Henry H. Harvey, Boston, Mass.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Knickerbocker Ice Co., 6th & Arch Sts., Philadelphia, Pa.
Landers, Frary & Clark, New Britain, Conn.
H. M. Norton & Co., Chester, Conn.
Palmer Hardware Mfg. Co., Troy, N. Y.
Sheble & Klemm, Ashland & Lewis, Philadelphia, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.

Stover Mfg. Co., Freeport, Ill.
N. R. Streeter & Co., Rochester, N. Y.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
L. & I. J. White Co., Buffalo, N. Y.
W. T. Wood & Co., Arlington, Mass.

A. ICE AXES.
American Axe & Tool Co., Pittsburg, Pa.
Knickerbocker Ice Co., 6th & Arch Sts., Philadelphia, Pa.
Palmer Hardware Mfg. Co., Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.

B. ICE ELEVATORS.
Gifford Bros., Hudson, N. Y.
Knickerbocker Ice Co., 6th & Arch Sts., Philadelphia, Pa.

C. ICE PLOWS.
Buffalo Scale Co., Buffalo, N. Y.
Knickerbocker Ice Co., 6th & Arch Sts., Philadelphia, Pa.
W. T. Wood & Co., Arlington, Mass.

D. ICE SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Baldridge & Hogan Saw Co., Cincinnati, O.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
P. Gerlach & Co., Cleveland, O.
R. Hoe & Co., 504 Grand St., New York.
Knickerbocker Ice Co., 6th & Arch Sts., Philadelphia, Pa.
Michigan Saw Co., Saginaw, Mich.
National Saw Co., Newark, N. J.

2094. INCLINOMETERS.
L. S. Starrett Co., Athol, Mass.

2095. INSULATING MACHINES, WIRE & CABLE.
John Royle & Sons, Paterson, N. J.

2096. INSULATOR PIN & BRACKET MACHINES.
Chattanooga Machinery Co., Chattanooga, Tenn.

2097. JEWELERS' MACHINERY & TOOLS.

A. BRISTOL BRUSH WHEELS.
O. W. Bullock & Co., Springfield, Mass.
E. P. Reichhelm & Co., 23 John St., New York.

B. FIBRE-FACED HAMMERS.
W. W. Oliver, Buffalo, N. Y.

C. JEWELERS' BENCH SHEARS.
O. W. Bullock & Co., Springfield, Mass.
W. W. Oliver, Buffalo, N. Y.

D. JEWELERS' BLOCKS.
O. W. Bullock & Co., Springfield, Mass.
Union Stove Lining Co., Taunton, Mass.

E. JEWELERS' BURNERS.
American Gas Furnace Co., Elizabeth, N. J.
Bramhall-Deane Co., 264 Water St., New York.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Providence Gas Burner Co., Providence, R. I.
E. P. Reichhelm & Co., 23 John St., New York.

F. JEWELERS' BURNISHERS.
O. W. Bullock & Co., Springfield, Mass.

G. JEWELERS' DRAW BENCHES.
O. W. Bullock & Co., Springfield, Mass.
Mossberg & Granville Mfg. Co., Providence, R. I.
W. W. Oliver, Buffalo, N. Y.

H. JEWELERS' DRILLING MACHINES.
O. W. Bullock & Co., Springfield, Mass.

I. JEWELERS' ENGRAVING MACHINES.
Eaton & Glover, 111 Nassau St., New York.

J. JEWELERS' FELT BUFFS.
E. P. Reichhelm & Co., 23 John St., New York.

K. JEWELERS' FILES.
S. F. Myers Co., 48 Maiden Lane, New York.
Nicholson File Co., Providence, R. I.

L. JEWELERS' FOOT WHEELS.
W. W. Oliver, Buffalo, N. Y.

M. JEWELERS' GAS FURNACES.
American Gas Furnace Co., 23 John St., New York.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
O. W. Bullock & Co., Springfield, Mass.
E. P. Reichhelm & Co., 23 John St., New York.

N. JEWELERS' LATHE ATTACHMENTS.
Moseley Lathe Co., Elgin, Ill.

O. JEWELERS' LATHES.
Faneuil Watch Tool Co., Boston, Mass.
Garvin Machine Co., Spring & Varick Sts., New York.
Moseley Lathe Co., Elgin, Ill.
W. W. Oliver, Buffalo, N. Y.
Racine Hardware Co., Racine, Wis.

P. JEWELERS' PLIERS.
R. H. Brown & Co., New Haven, Conn.
O. W. Bullock & Co., Springfield, Mass.
Henry F. Jenks, Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
William Schollborn & Co., New Haven, Conn.

Q. JEWELERS' PRESSES.
E. J. Manville Machine Co., Waterbury, Conn.
Mossberg & Granville Mfg. Co., Providence, R. I.
E. S. Stiles Press Co., Watertown, N. Y.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Watson-Stillman Co., 204 E. 43d St., New York.

R. JEWELERS' ROLLS.	O. W. Bullock & Co., Springfield, Mass. Mossberg & Granville Mfg. Co., Providence, R. I. W. W. Oliver, Buffalo, N. Y. Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
S. JEWELERS' SAWS.	E. P. Reichhelm & Co., 23 John St., New York.
T. JEWELERS' SCRATCH BRUSHES.	E. P. Reichhelm & Co., 23 John St., New York.
U. JEWELERS' VISES.	O. W. Bullock & Co., Springfield, Mass. Tower & Lyon, 95 Chambers St., New York.
V. POLISHING WHEELS.	O. W. Bullock & Co., Springfield, Mass. L. A. Felton & Son Co., Manchester, N. H. E. P. Reichhelm & Co., 23 John St., New York. Ellis Thayer's Son, Pawtucket, R. I. Williamsville Mfg. Co., Killingly, Conn.
W. WIRE BRUSH WHEELS.	E. P. Reichhelm & Co., 23 John St., New York.

2098. KETTLES.

A. ACID KETTLES.	Healey Iron Works, 602 Driggs Av., Brooklyn, N. Y. Standard Mfg. Co., Pittsburg, Pa.
B. ANILINE KETTLES.	Townsend Furnace & Mach. Shop Co., Albany, N. Y.
C. CALDRON KETTLES.	International Heater Co., Utica, N. Y.
D. COLOR KETTLES.	H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa. Granger Foundry & Machine Co., Providence, R. I. Thomas Phillips Co., Providence, R. I. Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
E. COPPER JACKET KETTLES.	Thomas Phillips Co., Providence, R. I. D. Picking & Co., Bucyrus, O. John Van Range Co., Cincinnati, O.
F. GALVANIZING KETTLES.	Wilfong Bros., 52d St., West Philadelphia, Pa.
G. LEAD MELTING KETTLES.	Edward P. Allis Co., Milwaukee, Wis. Robt. Poole & Son Co., Baltimore, Md. Wilfong Bros., 52d St., West Philadelphia, Pa.
H. PLASTER KETTLES.	Great Western Mfg. Co., Leavenworth, Kan.
I. SIZE KETTLES.	Franklin Machine Co., Providence, R. I. Lowell Machine Shop, Lowell, Mass.
J. STEAM JACKET KETTLES.	William W. Brewer, Troy, N. Y. J. H. Day & Co., Harrison Av. & Bogen St., Cincinnati, O. Dickson Mfg. Co., Scranton, Pa. H. Wm. Dopp & Son, Buffalo, N. Y. Illinois Pure Aluminum Co., Lemont, Ill. Maryland Mfg. & Construction Co., Baltimore, Md. George F. Motter & Sons, York, Pa. Murray Iron Works Co., Burlington, Iowa. D. R. Sperry & Co., Batavia, Ill. Herman Strater & Sons, Boston, Mass. Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass. Walworth Mfg. Co., Boston, Mass.
K. SUGAR COPPER KETTLES.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
L. TAR KETTLES.	Thomas Carlin's Sons, Allegheny, Pa. Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y. Riter-Conly Co., Pittsburg, Pa.
M. WOODEN KETTLES.	George Woolford, 2240 N. 9th St., Philadelphia, Pa.

2099. KNIVES.

A. BARKERS' KNIVES.	Taylor, Stiles & Co., Riegelsville, N. J.
B. BARK GRINDER KNIVES.	Loring Coes & Co., Worcester, Mass.
C. BENCH KNIVES.	Loring Coes & Co., Worcester, Mass. A. A. Simonds & Son, Dayton, O.
D. BONE CUTTER KNIVES.	Loring Coes & Co., Worcester, Mass.
E. CIRCULAR KNIVES.	Samuel Trethewey & Co., Ltd., Pittsburg, Pa.
F. CLAM KNIVES.	A. F. Bannister & Co., Newark, N. J. John Russell Cutlery Co., Turner's Falls, Mass. Sargent & Co., New Haven, Conn.
G. CORK KNIVES.	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
H. DRAW KNIVES.	J. H. Hoague, Chicopee, Mass. C. E. Jennings & Co., 79 Reade St., New York. C. J. Kimball Co., Bennington, N. H. Peck, Stow & Wilcox Co., Southington, Conn. Jas. Swan Co., Seymour, Conn. L. & I. J. White Co., Buffalo, N. Y. Winsted Edge Tool Works, West Winsted, Conn.
I. DRUGGISTS' KNIVES.	John Russell Cutlery Co., Turner's Falls, Mass.
J. LINEN KNIVES.	Wilbur Webster, East Jaffrey, N. H.
K. MOULDING KNIVES.	Taylor, Stiles & Co., Riegelsville, N. J.
L. OIL CLOTH KNIVES.	C. S. Osborne & Co., Newark, N. J. Tuck Mfg. Co., Brockton, Mass.
M. OYSTER KNIVES.	Landers, Frary & Clark, New Britain, Conn. C. S. Osborne & Co., Newark, N. J.

	John Russell Cutlery Co., Turner's Falls, Mass.
	John Stortz & Son, 210 Vine St., Philadelphia, Pa.
	Tuck Mfg. Co., Brockton, Mass.
N. PALETTE KNIVES.	Landers, Frary & Clark, New Britain, Conn.
	Meriden Cutlery Co., Meriden, Conn.
	John Russell Cutlery Co., Turner's Falls, Mass.
O. RATTAN KNIVES.	Taylor, Stiles & Co., Riegelsville, N. J.
P. ROOT KNIVES.	Loring Coes & Co., Worcester, Mass.
Q. SARDINE KNIVES.	Meriden Britannia Co., Meriden, Conn.
R. SCRAPING KNIVES.	Northampton Cutlery Co., Northampton, Mass.
2100. KNUCKLE JOINTS.	Vanderbeck Tool Works, Hartford. Conn.
2101. LACE TIPPING MACHINES.	
	Schott Bros., 364 Broadway, New York.
	E. B. Stimpson & Son, 31 Spruce St., New York.
2102. LADLES.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Hollands Mfg. Co., Erie, Pa.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Riter-Conly Co., Pittsburg, Pa.
A. BRASS LADLES.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
B. MELTING LADLES.	W. J. Clark Co., Salem, O.
	Pratt & Letchworth, Buffalo, N. Y.
	Sinclair-Scott Co., Baltimore, Md.
	West Mfg. Co., Buffalo, N. Y.
C. STEEL LADLES.	Byram & Co., Detroit, Mich.
	W. J. Clark Co., Salem, O.
	C. S. Osborne & Co., Newark, N. J.
D. WAX LADLES.	Jas. L. Haven Co., Cincinnati, O.
	Hess, Snyder & Co., Massillon, O.
2103. LAMP BLACK PANS.	Healey Iron Works, 602 Driggs Av., Brooklyn, N. Y.
2104. LATHES.	American Tool Works Co., Cincinnati, O.
	W. F. & John Barnes Co., Rockford, Ill.
	Bentel & Margedant Co., Hamilton, O.
	Detrick & Harvey Mach. Co., Baltimore, Md.
	J. A. Fay & Egan Co., Cincinnati, O.
	Frasse Co., 19 Warren St., New York.
	Hamilton Machine Tool Co., Hamilton, O.
	Lodge & Shipley Mach. Co., Cincinnati, O.
	Meriden Machine Tool Co., Meriden, Conn.
	Pond's Mach. Mfrs. Tool Co., Plainfield, N. J.
	Seneca Falls Mfg. Co., Seneca Falls, N. Y.
	Baxter D. Whitney, Winchendon, Mass.
A. AMATEUR LATHE CHUCKS.	Cushman Chuck Co., Hartford, Conn.
	D. E. Whiton Machine Co., New London, Conn.
B. AMATEUR LATHES.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
	Millers Falls Co., Millers Falls, Mass.
	H. M. Quackenbush, Herkimer, N. Y.
	W. C. Young Mfg. Co., Worcester, Mass.
C. AMATEUR SCREW CUTTING LATHES.	F. E. Reed Co., Worcester, Mass.
D. BOBBIN LATHES.	G. N. Goodspeed, Winchendon, Mass.
E. BOOT-TREE LATHES.	Gilman & Son, Springfield, Vt.
F. BURNISHING LATHES.	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
G. DOUBLE SPINDLE LATHES.	Dietz, Schumacher & Boye, Cincinnati, O.
H. FOOT POWER LATHES.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
	Battle Creek Steam Pump Co., Battle Creek, Mich.
	Garvin Mach. Co., Spring & Varick Sts., New York.
	Lodge & Shipley Mach. Tool Co., Cincinnati, O.
	Narragansett Machine Co., Providence, R. I.
	H. M. Quackenbush, Herkimer, N. Y.
	F. E. Reed Co., Worcester, Mass.
	Sebastian Lathe Co., Cincinnati, O.
	W. C. Young Mfg. Co., Worcester, Mass.
I. GUNSTOCK LATHES.	Gilman & Son, Springfield, Vt.
J. HAT BLOCK LATHES.	Gilman & Son, Springfield, Vt.
K. IRREGULAR FORMS TURNING LATHES.	Kimball Bros. & Sprague, Brockton, Mass.
L. LAPIDARY LATHES.	W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
M. LAST LATHES.	Gilman & Son, Springfield, Vt.
	Kimball Bros. & Sprague, Brockton, Mass.
N. NECK YOKE LATHES.	Defiance Machine Works, Defiance, O.
O. ROLL LATHES.	Phillips & McLaren, Pittsburg, Pa.
P. SCREW CHASERS.	S. W. Card Mfg. Co., Mansfield, Mass.
Q. STRAPPING LATHES.	Springfield Mfg. Co., Bridgeport, Conn. *31
R. WARP SPOOL LATHES.	G. N. Goodspeed, Winchendon, Mass.
2105. LAUNDRY MACHINERY.	American Laundry Machinery Co., Cincinnati, O.

	J. Kerkhoff & Co., Cincinnati, O.
	W. H. Tolhurst & Son, Troy, N. Y.
	Warren Electric Mfg. Co., Sandusky, O.
	F. M. Watkins Co., Cincinnati, O.
A. CAPE COLLAR IRONERS.	Adams Laundry Machinery Co., Troy, N. Y.
	American Laundry Machinery Co., Cincinnati, O.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
B. CENTRIFUGAL EXTRACTORS.	Adams Laundry Machinery Co., Troy, N. Y.
	American Laundry Machine Co., Cincinnati, O.
	Empire Laundry Machinery Co., Boston, Mass.
	James L. Robertson & Son, 204 Fulton St., New York.
	Salem Iron Works, Salem, N. C.
	W. H. Tolhurst & Son, Troy, N. Y.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
	F. M. Watkins Co., Cincinnati, O.
	Wilson Laundry Machinery Co., Columbia, Pa.
C. CLOTHES DRYERS & AIRERS, GAS.	American Laundry Machinery Co., Cincinnati, O.
	Buffalo Dental Mfg. Co., Buffalo, N. Y.
D. CLOTHES TUMBLING MACHINES.	American Laundry Machinery Co., Cincinnati, O.
E. CLOTHES WASHERS, HAND.	Empire Laundry Machinery Co., Boston, Mass.
	Lovell Mfg. Co., Ltd., Erie, Pa.
	A. F. Shapleigh Hardware Co., St. Louis, Mo.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
	Wilson Laundry Machinery Co., Columbia, Pa.
	Winship Mfg. Co., Racine, Wis.
F. CLOTHES WASHING MACHINES.	Adams Laundry Machinery Co., Troy, N. Y.
	G. Allen & Co., Barre, Mass.
	American Laundry Machinery Co., Cincinnati, O.
	American Novelty Co., Stevens Point, Wis.
	American Wringer Co., 99 Chambers St., New York.
	Benbaw Mfg. Co., St. Louis, Mo.
	Bluffton Mfg. Co., Bluffton, Ind.
	H. F. Brammer Mfg. Co., Davenport, Iowa.
	M. Brown & Co., Wapakoneta, O.
	Empire Laundry Machinery Co., Boston, Mass.
	Empire Washer Co., Jamestown, N. Y.
	G. D. Ferris & Co., St. Louis, Mo.
	Horton Mfg. Co., Fort Wayne, Ind.
	Oakley & Keating, 40 Cortlandt St., New York.
	H. H. Palmer Co., Rockford, Ill.
	Paris Mfg. Co., South Paris, Me.
	Tompkins Bros., Troy, N. Y.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
	Vandergrift Mfg. Co., Jamestown, N. Y.
	Warren Electric Mfg. Co., Sandusky, O.
	Anthony Wayne Mfg. Co., Ft. Wayne, Ind.
G. CLOTHES WRINGERS.	American Laundry Machinery Co., Cincinnati, O.
	American Wringer Co., 99 Chambers St., New York.
	Goshen Sweeper Co., Grand Rapids, Mich.
	Lovell Mfg. Co., Ltd., Erie, Pa.
	North Bros. Mfg. Co., Lehigh Av., c. N. 3d St., Phila., Pa.
	Oakley & Keating, 40 Cortlandt St., New York.
	Ohio Wringer & Lawn Mower Co., Springfield, O.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
	Wm. G. Willard, St. Louis, Mo.
	Wilson Laundry Machinery Co., Columbia, Pa.
H. COLLAR & CUFF FINISHERS.	Reed Mfg. Co., Erie, Pa.
I. COLLAR & CUFF IRONERS.	Adams Laundry Machinery Co., Troy, N. Y.
	American Laundry Machinery Co., Cincinnati, O.
	Empire Laundry Machinery Co., Boston, Mass.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
	Wilson Laundry Machinery Co., Columbia, Pa.
J. COLLAR & CUFF SHAPERS.	Adams Laundry Machinery Co., Troy, N. Y.
	American Laundry Machinery Co., Cincinnati, O.
	Empire Laundry Machinery Co., Boston, Mass.
	Reed Mfg. Co., Erie, Pa.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
	Wilson Laundry Machinery Co., Columbia, Pa.
K. COLLAR & CUFF STARCHERS.	American Laundry Machinery Co., Cincinnati, O.
	Empire Laundry Machinery Co., Boston, Mass.
	Troy Laundry Mach. Co., Ltd., Troy, N. Y.
	Frank M. Watkins Co., Cincinnati, O.
	Wilson Laundry Machinery Co., Columbia, Pa.
L. DAMPENING MACHINES.	Adams Laundry Machinery Co., Troy, N. Y.

American Laundry Machinery Co., Cincinnati, O.
Empire Laundry Machinery Co., Boston, Mass.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.
F. M. Watkins Co., Cincinnati, O.

M. DRYING ROOMS.
Adams Laundry Machinery Co., Troy, N. Y.
American Laundry Machinery Co., Cincinnati, O.
Empire Laundry Machinery Co., Boston, Mass.
Peck-Williamson Heating & Ventilating Co., Concinnati, O.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.
Wilson Laundry Machinery Co., Columbia, Pa.

N. FLUTERS, HAND.
American Laundry Machinery Co., Cincinnati, O.
Lovell Mfg. Co., Erie, Pa.
North Bros. Mfg. Co., Lehigh Av. c. N. 3d St., Phila., Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.

O. FLUTING IRONS.
Sidney Shepard & Co., Buffalo, N. Y.
N. R. Streeter & Co., Rochester, N. Y.

P. FLUTING MACHINES.
American Laundry Mach. Co., Cincinnati, O.
Empire Laundry Mach. Co., Boston, Mass.
North Bros. Mfg. Co., Lehigh Av. c. N. 3d St., Phila., Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.

Q. IRONING MACHINES.
Adams Laundry Mach. Co., Troy, N. Y.
American Laundry Mach. Co., Cincinnati, O.
John W. Lufkin, Boston, Mass.
Michael Mahony, Troy, N. Y.
Nelson & Kreuter, 44 S. Clinton St., Chicago, Ill.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.
F. M. Watkins Co., Cincinnati, O.
Wilson Laundry Mach. Co., Columbia, Pa.

R. MANGLES.
Adams Laundry Mach. Co., Troy, N. Y.
American Laundry Mach. Co., Cincinnati, O.
American Wringer Co., 99 Chambers St., New York.
H. W. Butterworth & Sons, 2415 E. York St., Phila., Pa.
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Foster & Williams Mfg. Co., Racine, Wis.
Granger Foundry & Machine Co., Providence, R. I.
Oakley & Keating, 40 Cortlandt St., New York.
Phoenix Iron Foundry, Providence, R. I.
Racine Hardware Co., Racine, Wis.
Racine Mangle Co., Racine, Wis.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.
Walworth Mfg. Co., Boston, Mass.
Warren Electric Mfg. Co., Sandusky, O.
Wilson Laundry Machinery Co., Columbia, Pa.

S. PLAITERS.
North Bros. Mfg. Co., Lehigh Av. & N. 3d St., Phila., Pa.

T. POWER SHIRT PRESSES.
American Laundry Machinery Co., Cincinnati, O.
Empire Laundry Machinery Co., Boston, Mass.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.

U. SHIRT HANGERS, WIRE.
M. F. Koenig, Hazleton, Pa.

V. SHIRT IRONERS.
Adams Laundry Machinery Co., Troy, N. Y.
American Laundry Machinery Co., Cincinnati, O.
Empire Laundry Machinery Co., Boston, Mass.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.

W. STARCH BOILERS.
American Laundry Machinery Co., Cincinnati, O.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.

X. STARCHING MACHINES.
Adams Laundry Machinery Co., Ltd., Troy, N. Y.
American Laundry Machinery Co., Cincinnati, O.
Empire Laundry Machinery Co., Boston, Mass.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.
Wilson Laundry Machinery Co., Columbia, Pa.

Y. STEAM GENERATORS.
Michael Mahony, Troy, N. Y.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.

Z. STEAM LAUNDRY DISINFECTORS.
Warren Electric Mfg. Co., Sandusky, O.

AA. STERILIZING WASHING MACHINES.
American Laundry Machinery Co., Cincinnati, O.

BB. WOOLEN MANGLE COVERINGS.
F. C. Huyck & Sons, Albany, N. Y.

2106. LEATHER WORKERS' TOOLS.

A. LEATHER CHISELS.
Duprey & Son, Brockton, Mass.

B. LEATHER CUTTING DIES.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
John Loyd, 562 Water St., New York.
Ross-Moyer Mfg. Co., 226 Sycamore St., Cincinnati, O.
C. S. Osborne & Co., Newark, N. J.

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D. LEATHER KNIVES.	John Loyd, 562 Water St., New York. Simonds Mfg. Co., Fitchburg, Mass. Wilbur Webster, East Jaffrey, N. H.
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2107. LEVELS.	Athol Machine Co., Athol, Mass. H. Chapin's Sons Co., Pine Meadow, Conn. Davis & Cook, Watertown, N. Y. Standard Tool Co., Athol, Mass. Stanley Rule & Level Co., New Britain, Conn. L. S. Starrett Co., Athol, Mass. Stratton Bros., Greenfield, Mass. Tower & Lyon, 95 Chambers St., New York.
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D. MACHINISTS' LEVELS.	H. Chapin's Sons Co., Pine Meadow, Conn. C. F. Richardson & Son, Athol, Mass.
E. POCKET LEVELS.	H. Chapin's Sons Co., Pine Meadow, Conn. Tower & Lyon, 95 Chambers St., New York.
F. STEEL SPIRIT LEVELS.	Sawyer Tool Co., Inc., Fitchburg, Mass.
G. TRACK LEVELS.	Buda Foundry & Mfg. Co., Harvey, Ill. H. Chapin's Sons Co., Pine Meadow, Conn. Sheffield Car Co., Three Rivers, Mich.
2108. LEVER POWERS.	S. S. Messinger & Son, Tatamy, Pa.
2109. LIQUID GAS CHARGING OUTFITS.	Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
2110. LIXIVIATION MILLS.	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
2111. LOCOMOTIVE GUIDE LINERS.	L. S. Starrett Co., Athol, Mass.
2112. LOCOMOTIVE VALVE SETTING MACHINES.	Sherburne & Co., 53 Oliver St., Boston, Mass.
2113. LOGGING MACHINERY.	Lidgerwood Mfg. Co., 96 Liberty St., New York.
A. IRON DOGS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
B. LOG CARRIAGES.	Clark Bros., Belmont, N. Y.
C. LOG CARRIAGE STEAM FEEDS.	Clark Bros., Belmont, N. Y.
D. LOG SKIDDING TONGS.	Wm. H. Anderson & Sons, Detroit, Mich.
2114. LUMBERING TOOLS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20 Boston & Lockport Block Co., 142 Com'r'l St., Boston, Mass. Filer & Stowell Co., Ltd., Milwaukee, Wis. *8 Peter Gerlach & Co., Cleveland, O. Reeves & Co., Inc., Columbus, Ind. Saginaw Hardware Co., Saginaw, Mich. Wheeling Hinge Co., Wheeling, W. Va.
2115. MACARONI MACHINERY.	J. & F. Cavagnaro, 215 Centre St., New York. Davenport Foundry & Machine Co., Davenport, Iowa. Jules Debeauvais, 2 Howard St., New York. Hungerford Bros. & Co., 39 Cortlandt St., New York.
2116. MACHINERY BEDS.	Walker Foundry Co., Erie, Pa.
2117. MACHINERY CASTINGS.	Cleveland Wheel & Foundry Co., Cleveland, O. Eastwood Wire Mfg. Co., Belleville, N. J. Holyoke Machine Co., Holyoke, Mass. Knott, Harker & Co., Beaver Falls, Pa.

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Link-Belt Mach. Co., Stewart Av. & 39th St., Chicago, Ill.
Lobdell Car Wheel Co., Wilmington, Del.
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Portland Co., Portland, Me.
Pratt & Letchworth, Buffalo, N. Y.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Riverside Foundry Co., Cleveland, O.
Rosedale Foundry Co., Allegheny, Pa.
T. W. & C. B. Sheridan, 2 Reade St., New York.
Springfield Foundry Co., Springfield, Mass.
Stover Mfg. Co., Freeport, Ill.
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Vulcan Iron Works, Wilkes-Barre, Pa.
E. A. Williams & Sons, 105 Plymouth St., Jersey City, N. J.

2118. MACHINERY NAME PLATES.
Nelson Stafford, 66 Fulton St., New York.

2119. MACHINISTS' TOOLS.
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Armstrong Mfg. Co., Bridgeport, Conn. *18
Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Betts Machine Co., Wilmington, Del.
Billings & Spencer Co., Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
Cincinnati Milling Mach. Co., Spring Grove Av., Cinn., O.
Columbus Machine Co., Columbus, O.
Fairbanks Co., 311 Broadway, New York.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
Frasse Co., 19 Warren St., New York.
Garvin Machine Co., Spring & Varick Sts., New York.
G. A. Gray Co., 481 Sycamore St., Cincinnati, O.
E. Harrington, Son & Co., N. 15th St. & Pa. Av., Phila., Pa.
Hewes & Phillips Iron Works, Newark, N. J.
Lodge & Shipley Mach. Tool Co., 6th St., Cincinnati, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
New Haven Mfg. Co., New Haven, Conn.
New Process Twist Drill Co., Taunton, Mass.
Niles Tool Works, Hamilton, O.
Pedrick & Ayer Co., 1001 Hamilton St., Philadelphia, Pa.
Pond Machine Tool Co., Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros., Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Joseph B. Reed, Cairo, Ill.
E. P. Reichhelm & Co., 23 John St., New York.
San Francisco Tool Works, San Francisco, Cal.
Sebastian Lathe Co., Cincinnati, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
H. B. Smith Machine Co., Smithville, N. J.
Standard Tool Co., Athol, Mass.
L. S. Starrett Co., Athol, Mass.
Webster & Perks Tool Co., Spring St., Springfield, O.
Whitcomb Mfg. Co., Worcester, Mass.

2120. MALLETS.
R. Bliss Mfg. Co., Pawtucket, R. I.
Boston & Lockport Block Co., 142 Com'l St., Boston, Mass.
Brockton Mallet Co., Brockton, Mass.
A. & C. W. Holbrook, Providence, R. I.
New England Awl & Needle Co., West Medway, Mass.
Ohio Tool Co., Columbus, O.
C. S. Osborne & Co., Newark, N. J.
Piqua Handle & Mfg. Co., Piqua, O.
Ripley Mfg. Co., Unionville, Conn.
John Sommer's Son, Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Union Hardware Co., Torrington, Conn.
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Granger Foundry & Machine Co., Providence, R. I.

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R. Bliss Mfg. Co., Pawtucket, R. I.
S. Obermayer Co., Cincinnati, O.
Ohio Tool Co., Columbus, O.

C. CARPENTERS' MALLETS.
Sandusky Tool Co., Sandusky, O.
E. C. Stearns & Co., Syracuse, N. Y.

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E.	LIGNUMVITAE MALLETS.	R. Bliss Mfg. Co., Pawtucket, R. I.
		Boston & Lockport Block Co., Boston, Mass.
		Ohio Tool Co., Columbus, O.
		E. C. Stearns & Co., Syracuse, N. Y.
		Williams & Marvin, Deep River, Conn.
F.	MALLET CIRCLES.	A. & C. W. Holbrook, Providence, R. I.
G.	RAW HIDE MALLETS.	A. & C. W. Holbrook, Providence, R. I.
		New Process Rawhide Co., Syracuse, N. Y.
		S. Obermayer Co., Cincinnati, O.
		Edwin B. Stimpson & Son, 31 Spruce St., New York.
H.	RUBBER ENDED MALLETS	Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
I.	TINNERS' MALLETS.	Sandusky Tool Co., Sandusky, O.
2121.	**MANDRELS.**	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
		Cincinnati Tool Co., Cincinnati, O.
		Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
		Illinois Iron & Bolt Co., Carpentersville, Ill.
		Morse Twist Drill & Machine Co., New Bedford, Mass.
		W. H. Nicholson & Co., Wilkes-Barre, Pa.
		Pedrick & Ayer Co., 1001 Hamilton St., Philadelphia, Pa.
		Pratt & Whitney Co., Hartford, Conn.
		Putnam Machine Co., Fitchburg, Mass.
		Standard Tool Co., Cleveland, O.
		Wells Bros. & Co., Greenfield, Mass.
A.	AUTO. CONE MANDRELS.	Putnam Machine Co., Fitchburg, Mass.
B.	CIRCULAR SAW MANDRELS.	H. B. Smith Machine Co., Smithville, N. J.
C.	EXPANDING MANDRELS.	Fairbanks Co., 311 Broadway, New York.
		Wm. G. Le Count, South Norwalk, Conn.
		W. H. Nicholson & Co., Wilkes-Barre, Pa.
D.	STOVE PIPE MANDRELS.	Adams Co., Dubuque, Iowa.
E.	TAPER MANDRELS.	Wiley & Russell Mfg. Co., Greenfield, Mass.
2122.	**MARBLE LATHES.**	Lincoln Iron Works, Rutland, Vt.
		Putnam Machine Co., Fitchburg, Mass.
		Steam Stonecutter Co., Rutland, Vt.
2123.	**MARKING MACHINES.**	Dwight Slate Machine Co., Hartford, Conn.
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2124.	**MARLINE SPIKES.**	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
2125.	**MASONS' TOOLS.**	
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B.	BRICK CHISELS.	Abner Doble Co., San Francisco, Cal.
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		John Stortz & Son, 210 Vine St., Philadelphia, Pa.
		Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
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		Dicke Tool Co., Downers Grove, Ill.
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		H. H. Harvey, Boston, Mass.
J.	HODS.	Lansing Wheelbarrow Co., Lansing, Mich.
K.	JOINTERS.	Bentel & Margedant Co., Hamilton, O.
L.	MARBLE TOOLS.	H. H. Harvey, Boston, Mass.
M.	MASONS' HAMMERS.	Atha Tool oC., Newark, N. J.
		Detroit Steel & Spring Co., Detroit, Mich.
		Dickson Mfg. Co., Scranton, Pa.
		Abner Doble Co., San Francisco, Cal.
		C. Hammond & Son, Ogontz, Pa.
		Henry H. Harvey, Boston, Mass.
		Iron City Tool Works, Ltd., Pittsburg, Pa.
		Knapp & Cowles Mfg. Co., Bridgeport, Conn.
		Fayette R. Plumb, Inc., Tucker & James Sts., Phila., Pa.

	M. R. Warner & Son, Cromwell, Conn.
N. MORTAR HOES.	Brown, Hinman & Huntington Co., Columbus, O.
	Chattanooga Tool Co., Chattanooga, Tenn.
	Geneva Tool Co., Geneva, O.
	Smith Harper, 611 Phila. Bourse, Philadelphia, Pa.
	Iowa Farmer Tool Co., Fort Madison, Iowa.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
O. PLASTERING TROWELS.	George H. Bishof & Co., Lawrenceburg, Ind.
	William Johnson, Newark, N. J.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	National Saw Co., Newark, N. J.
	John Stortz & Sons, 210 Vine St., Philadelphia, Pa.
P. PLUMBS & LEVELS.	H. Chapin's Sons Co., Pine Meadow, Conn.
	Tower & Lyon, 95 Chambers St., New York.
Q. POINTING TROWELS.	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
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S. SLATERS' TOOLS.	Niagara Machine & Tool Works, Buffalo, N. Y.
	L. & I. J. White Co., Buffalo, N. Y.
T. STONE AXES.	Wm. H. Anderson & Sons, Detroit, Mich.
	Anderson, Du Puy & Co., Pittsburg, Pa.
	Detroit Steel & Spring Co., Detroit, Mich.
	C. Hammond & Son, Ogontz, Pa.
	Iron City Tool Works, Ltd., Pittsburg, Pa.
	H. H. Harvey, Boston, Mass.
U. STONE CHISELS.	Collins Co., Collinsville, Conn.
	Abner Doble Co., San Francisco, Cal.
	Henry H. Harvey, Boston, Mass.
V. STONE CUTTERS' MALLETS.	H. H. Harvey, Boston, Mass.
W. STONE CUTTERS' POINTS.	Henry H. Harvey, Boston, Mass.
X. STONE CUTTERS' TOOLS.	W. H. Anderson & Son, Detroit, Mich.
	H. H. Harvey, Boston, Mass.
	Westerly Granite Tool Co., Westerly, R. I.
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	W. W. Anderson & Son, Detroit, Mich.
	Atha Tool Co., Newark, N. J.
	Detroit Steel & Spring Co., Detroit, Mich.
	Dickson Mfg. Co., Scranton, Pa.
	C. Hammond & Son, Ogontz, Pa.
	Henry H. Harvey, Boston, Mass.
	Iron City Tool Works, Ltd., Pittsburg, Pa.
	David Maydole Hammer Co., Norwich, N. Y.
	Fayette R. Plumb, Inc., Tucker & James Sts., Phila., Pa.
	Westerly Granite Tool Co., Westerly, R. I.
Z. STONE LEWISES.	Abner Doble Co., San Francisco, Cal.
	H. H. Harvey, Boston, Mass.
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	Atha Tool Co., Newark, N. J.
	Abner Doble Co., San Francisco, Cal.
	H. H. Harvey, Boston, Mass.
	Iron City Tool Works, Ltd., Pittsburg, Pa.
	Westerly Granite Tool Co., Westerly, R. I.
BB. STONE SLEDGES.	Atha Tool Co., Newark, N. J.
	Detroit Steel & Spring Co., Detroit, Mich.
	H. H. Harvey, Boston, Mass.
	Iron City Tool Works, Ltd., Pittsburg, Pa.
	David Maydole Hammer Co., Norwich, N. Y.
	Fayette R. Plumb, Inc., Tucker & James Sts., Phila., Pa.
	Westerly Granite Tool Co., Westerly, R. I.
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	Henry H. Harvey, Boston, Mass.
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	J. Pope & Son, Manchester, Me.

2126. MATCH BOX MACHINERY.

Barnes Tool Co., New Haven, Conn.

2127. MATCH MACHINERY.

American Match Co., Aurora, Ind.
Barnes Tool Co., New Haven, Conn.
Joseph C. Donnelly, 427 N. 13th St., Philadelphia, Pa.
George M. Griswold, New Haven, Conn.
Herrick & Cowell, New Haven, Conn.

2128 MATTRESS MACHINERY.

Houchin & Huber, 39 53d St., Brooklyn, N. Y.

2129. MAULS.

A. CAST STEEL MAULS.	Iron City Tool Works, Ltd., Pittsburg, Pa.
	H. H. Harvey, Boston, Mass.
B. FLOOR MAULS.	H. H. Harvey, Boston, Mass.
C. HIDE FACED MAULS.	S. Obermayer Co., Cincinnati, O.
D. POST MAULS.	Frankfort Handle Mfg. Co., Frankfort, Ind.
	Hurlbut Co., Station "A," Racine, Wis.
E. SHIP MAULS.	Atha Tool Co., Newark, N. J.
	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Billings & Spencer Co., Hartford, Conn.
	Collins & Co., Collinsville, Conn.
	Detroit Steel & Spring Co., Detroit, Mich.
	C. Hammond & Son, Ogontz, Pa.
	H. H. Harvey, Boston, Mass.
	Iron City Tool Works, Pittsburg, Pa.
	Fayette R. Plumb, Inc., Tucker & James Sts., Phila., Pa.
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
	L. & I. J. White Co., Buffalo, N. Y.
F. SPIKE MAULS.	Frankfort Handle Mfg. Co., Frankfort, Ind.
G. STEEL FACED MAULS.	Iron City Tool Works, Ltd., Pittsburg, Pa.
H. WOOD CHOPPERS' MAULS.	Atha Tool Works, Newark, N. J.
	Billings & Spencer Co., Hartford, Conn.
	Carter & Co., Scranton, Pa.
	Detroit Steel & Spring Co., Detroit, Mich.
	C. Hammond & Son, Ogontz, Pa.
	Iron City Tool Works, Ltd., Pittsburg, Pa.
	Fayette R. Plumb, Inc., Tucker & James Sts., Phila., Pa.

2130. MEASURING MACHINES.

	H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.
	J. Jones & Son, 64 Cortlandt St., New York.
	Pratt & Whitney Co., Hartford, Conn.
	J. M. Rogers Boat, Gauge & Drill Wks., Glo'ster City, N. J.
	Syracuse Twist Drill Co., Syracuse, N. Y.

2131. MECHANICS' TOOLS.

	Bemis & Call Hardware & Tool Co., Springfield. Mass.
	Cincinnati Tool Co., Cincinnati, O.
	C. Drew & Co., Kingston, Mass.
	H. H. Harvey, Boston, Mass.
	J. H. Hoague, Chicopee, Mass.
	C. E. Jennings & Co., 79 Reade St., New York.
	Ohio Tool Co., Columbus, O.
	Samuel Tatum Co., Cincinnati, O.
A. MECHANICS' FINE TOOLS.	Athol Machine Co., Athol, Mass.
	L. S. Starrett & Co., Athol, Mass.

2132. METAL PRINTING & ENGRAVING MACHINERY.

	Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
	Gould & Eberhardt, Newark, N. J.
A. PHOTO ENGRAVERS' MACHINERY.	John Royle & Sons, Straight & Essex Sts., Paterson, N. J.

2133. METERS.

A. EXPERIMENTAL GAS METERS.	Helme & McIlhenny, 1339 Cherry St., Philadelphia, Pa.
	D. McDonald & Co., Albany, N. Y.
	National Meter Co., 84 Chambers St., New York.
	Nathaniel Tufts Meter Co., Boston, Mass.
B. GAS COMPOSIMETERS.	Uehling, Steinert & Co., Ltd., Carlstadt, N. J.
C. GAS METER COUPLINGS.	H. Mueller Mfg. Co., Decatur, Ill.
D. GAS METER PROVERS.	Buhl Stamping Co., Detroit, Mich.
	Helme & McIlhenny, 1339 Cherry St., Philadelphia, Pa.
	D. McDonald & Co., Albany, N. Y.
	Nathaniel Tufts Meter Co., Boston, Mass.
E. GAS METERS.	Buhl Stamping Co., Detroit, Mich.
	Helme & McIlhenny, 1339 Cherry St., Philadelphia, Pa.
	Hersey Mfg. Co., South Boston, Mass.
	D. McDonald & Co., Albany, N. Y.
	National Meter Co., 84 Chambers St., New York.
	Pittsburg Supply Co., Ltd., Pittsburg, Pa.
	Nathaniel Tufts Meter Co., Boston, Mass.
F. LEAD GAS METER CONNECTIONS.	H. Mueller Mfg. Co., Decatur, Ill.
G. METER MOVEMENTS.	D. S. Plumb, 24 Boudinot St., Newark, N. J.
H. NAPHTHA METERS.	Hersey Mfg. Co., South Boston, Mass.
	Worthington Pumping Eng. Co., 120 Liberty St., New York.
I. NATURAL GAS METERS.	Henly Bicycle Works, Richmond, Ind.
J. OIL METERS.	Hersey Mfg. Co., South Boston, Mass.
	Worthington Pumping Eng. Co., 120 Liberty St., New York.
K. PREPAYMENT GAS METERS.	Nathaniel Tufts Meter Co., Boston, Mass.

L. PRIMARY METERS. Fort Wayne Electric Corporation, Fort Wayne, Ind.
M. RECORDING METERS. Fort Wayne Electric Corporation, Fort Wayne, Ind.
N. STATION GAS METERS. D. McDonald & Co., Albany, N. Y.
Nathaniel Tufts Meter Co., Boston, Mass.
O. TEST GAS METERS. D. McDonald & Co., Albany, N. Y.
National Meter Co., 84 Chambers St., New York.
Nathaniel Tufts Meter Co., Boston, Mass.
P. WATER METERS. Gilbert & Barker Mfg. Co., 82 John St., New York.
Hersey Mfg. Co., South Boston, Mass.
National Meter Co., 84 Chambers St., New York.
San Francisco Tool Works, San Francisco, Cal.
Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
Thomson Meter Co., 79 Washington St., Brooklyn, N. Y.
Union Water Meter Co., Worcester, Mass.
Worthington Pumping Eng. Co., 120 Liberty St., New York.

2134. MILLSTONE DRESSING MACHINES.
Griscom & McFeely, 523 N. 23d St., Philadelphia, Pa.

2135. MINT MACHINERY. Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
A. COINING PRESSES. Ferracute Machine Co., Bridgeton, N. J.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.

2136. MITRE BOXES. L. H. Olmsted, Hasbrouck Heights, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Heber Wells, 157 William St., New York.

2137. MOTION INDICATORS.
Dubuque Turbine & Roller Mill Co., Dubuque, Iowa.

2138. MOULDERS' TOOLS. Burr's Damascus Tool Works, Detroit, Mich.
Hy. Disston & Sons, Inc., Tacony & N. Front Sts., Phil., Pa.
National Saw Co., Newark, N. J.
S. Obermayer Co., Cincinnati, O.
Whiting Foundry Equipment Co., Harvey, Ill.
A. FLOOR RAMMERS. S. Obermayer Co., Cincinnati, O.
Piqua Handle & Mfg. Co., Piqua, O.
B. MOULDERS' FLASKS. S. Obermayer Co., Cincinnati, O.
Racine Hardware Co., Racine, Wis.
Whiting Foundry Equipment Co., Harvey, Ill.
C. MOULDERS' SPRUES. Horatio Kelsey, Clinton, Conn.
D. PATTERN LIFTERS. S. Obermayer Co., Cincinnati, O.
E. SNAP FLASKS. S. Obermayer Co., Cincinnati, O.
J. D. Smith Foundry Supply Co., Cincinnati, O.

2139. MOULDS.
A. LEAD FLANGE MOULDS. H. Mueller Mfg. Co., Decatur, Ill.
B. LEAD TACK MOULDS. H. Mueller Mfg. Co., Decatur, Ill.
C. STEEL MOULDS. Rosedale Foundry Co., Allegheny, Pa.

2140. NAIL PULLERS & BOX OPENERS.
American Specialty Co., Bridgeport, Conn.
American Specialty Mfg. Co., Hartford, Conn.
Chantrell Tool Co., Reading, Pa.
Hagen & Reid, Troy, N. Y.
Maltby Henly Co., 20 Warren St., New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Samuel Nafew, 392 Broadway, New York.
Scranton & Co., New Haven, Conn.
L. T. Snow, New Haven, Conn.
Thomas F. Stevenson, 120 Liberty St., New York.
Tower & Lyon, 95 Chambers St., New York.
M. R. Warner, Cromwell, Conn.
Wheeling Hinge Co., Wheeling, W. Va.

2141. NAIL SETS. Humason & Beckley Mfg. Co., New Britain, Conn.
Irwin Auger Bit Co., Wilmington, O.
C. E. Jennings & Co., 79 Reade St., New York.
William Johnson, Newark, N. J.
H. H. Mayhew & Co., Shelburne Falls, Mass.
W. H. Nicholson & Co., Wilkes-Barre, Pa.
H. M. Norton & Co., Chester, Conn.
Ohio Tool Co., Columbus, O.
Snell Mfg. Co., Fiskdale, Mass.
L. S. Starrett Co., Athol, Mass.
Syracuse Twist Drill Co., Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Wheeling Hinge Co., Wheeling, W. Va.

2142. NIPPERS, CUTTING. Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
Heller & Bros., Newark, N. J.
Hubbard & McClary, Windsor, Vt.
Kraeuter Co., Newark, N. J.
C. S. Osborne & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.

L. S. Starrett Co., Athol, Mass.
Utica Drop Forge & Tool Co., Utica, N. Y.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
West Mfg. Co., Buffalo, N. Y.

2143. NUMBERING MACHINES.
Bates Mfg. Co., Buffalo, N. Y.
C. W. Dickinson, Jr., Belleville, N. J.
Evans T. Ellis, 111 N. 16th St., Philadelphia, Pa.
Wm. A. Force & Co., 59 Beekman St., New York.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Jos. Wetter & Co., 22 Morton St., Brooklyn, N. Y.

2144. OIL CLOTH & LINOLEUM PRINTING MACHINES.
Moore & White Co., Lehigh Av. & 15th St., Phila., Pa.

2145. OIL FILTERS.
Level Flow Oiler Mfg. Co., Akron, O.
James L. Robertson & Son, 204 Fulton St., New York.
F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.

2146. OIL MILL MACHINERY.
G. H. Bushnell Press Co., Thompsonville, Conn.
Cardwell Machine Co., Richmond, Va.
Lombard Iron Works & Supply Co., Augusta, Me.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.

A. CENTRIFUGAL OIL SEPARATORS.
American Tool & Machine Co., Boston, Mass.

B. LINSEED OIL MACHINERY.
Buckeye Iron & Brass Works, Dayton, O.
G. H. Bushnell Press Co., Thompsonville, Conn.
Link-Belt Machinery Co., 39th St. & Stewart Av., Chic., Ill.

2147. OIL SEPARATORS.
A. A. Griffing Iron Co., 66 Centre St., New York.
George I. Roberts & Bros., 471 4th Av., New York.
Whitlock Coil Pipe Co., Elmwood, Conn. *30

2148. OIL TESTING MACHINERY.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Pratt & Whitney Co., Hartford, Conn.

2149. OPTICAL MACHINERY.
American Optical Co., Southbridge, Mass.
Fox & Stendicke, 943 Broadway, New York.
Julius King Optical Co., 2 Maiden Lane, New York.
W. W. Oliver, Buffalo, N. Y.
Buss Machine Works, Grand Rapids, Mich.
J. A. Fay & Egan Co., Cincinnati, O.

2150. PACKAGE FILLERS.
J. H. Day & Co., Cincinnati, O.
Marine Iron Works, Clybourne & Southport Avs., Chic., Ill.

2151. PADDLE WHEELS, WOODEN.
George Woolford, 2240 N. 9th St., Philadelphia, Pa.

2152. PAINTERS' TOOLS.

A. GRAINING COMBS.
Hanlon & Goodman, 57 Fulton St., New York.
J. Finley Smith & Son, 107 Chambers St., New York.

B. OIL FLOAT SKIMMERS, TIN.
Reilley Bros., 322 W. 41st St., New York.

C. PAINT BURNERS.
M. L. Hull, 24 Broadway, Cleveland, O.
C. K. Williams & Co., Easton, Pa.
Reilley Bros., 322 W. 41st St., New York.

D. PAINTERS' JACKS.
Reilley Bros., 322 W. 41st St., New York.

E. PAINTERS' KNIVES.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Briain, Conn.
Reilley Bros., 322 W. 41st St., New York.

F. PAINTERS' SANDERS.
Reilley Bros., 322 W. 41st St., New York.

G. PAINTERS' SCRAPERS.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.

H. PUTTY KNIVES.
Goodell Co., Antrim, N. H.
Landers, Frary & Clark, New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
Northampton Cutlery Co., Northampton, Mass.

2153. PAINT MACHINERY.
J. H. Day & Co., Cincinnati, O.

A. PAINT MIXERS.
Reilley Bros., 322 W. 41st St., New York.

2154. PANTOGRAPHS.
American Steam Gauge Co., Boston, Mass.
Keuffel & Esser, 127 Fulton St., New York.
Westcott Jewell Co., Seneca Falls, N. Y.

2155. PAPER BAG MACHINERY.
W. W. Cotton & Son, 18 Chambers St., New York.
Martin Rau, 44 Duane St., New York.
S. C. Rogers & Co., Buffalo, N. Y.

2156. PAPER BOX MACHINERY.
Chas. Beck Paper Co., 609 Chestnut St., Philadelphia, Pa.
Brightwood Box Machinery Co., Springfield, Mass.

Inman & American Box Machine Co., Amsterdam, N. Y.
Inman Mfg. Co., Amsterdam, N. Y.
Knowlton & Beach, Rochester, N. Y.

A. BOXMAKERS' SHEARS. W. O. Hickok Mfg. Co., Harrisburg, Pa.
T. W. & C. B. Sheridan, 2 Reade St., New York.

B. CORNER CUTTERS. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Inman & American Box Machine Co., Amsterdam, N. Y.
Seybold Machine Co., Dayton, O.
T W. & C. B. Sheridan, 2 Reade St., New York.
L. S. Starrett Co., Athol, Mass.

C. CUTTING & SCOURING MACHINES. Knowlton & Beach, Rochester, N. Y.
T. W. & C. B. Sheridan, 2 Reade St., New York.

D. PAPER BOX BENDING MACHINES. Knowlton & Beach, Rochester, N. Y.

E. PAPER BOX CORNERING MACHINES. Knowlton & Beach, Rochester, N. Y.

F. PAPER BOX CUTTER PRESSES. G. H. Bushnell Press Co., Thompsonville, Conn.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Kidder Press Mfg. Co., Boston, Mass.
John T. Robinson & Co., Hyde Park, Mass.

G. PAPER TUBE ROLLING MACHINES. Knowlton & Beach, Rochester, N. Y.

2157. PAPER CUTTING MACHINES.

Atlantic Works, East Boston, Mass.
Chas. Beck Paper Co., 609 Chestnut St., Philadelphia, Pa.
Black & Clawson Co., Hamilton, O.
Challenge Machinery Co., 2529 Leo St., Chicago, Ill.
Chandler & Price Co., 82 Prospect St., Cleveland, O.
Child Acme Cutter & Press Co., Boston, Mass.
Dilts Machine Works, Fulton, N. Y.
Downington Mfg. Co., Ltd., East Downington, Pa.
Franklin Machine Works, Inc., 508 Cuthbert St., Phila., Pa.
Gordon Press Works, Rahway, N. J.
L. F. Grammes & Sons, Allentown, Pa.
Howard Iron Works, Buffalo, N. Y.
Kelsey Press Co., Meriden, Conn.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Liberty Machine Co., 140 Nassau St., New York.
Morgan & Wilcox Mfg. Co., Middletown, N. Y.
Seelye Mfg. Co., Boston, Mass.
Seybold Machine Co., Dayton, O.
T. W. & C. B. Sheridan, 2 Reade St., New York.
Stillman-Randall Mach. Co., Westerly, R. I.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Whitlock Machine Co., Derby, Conn.

A. AUTOMATIC REAM CUTTERS. Beloit Iron Works, Beloit, Wis.
Black & Clawson Co., Hamilton, O.
Dilts Machine Works, Fulton, N. Y.

B. CARD CUTTERS. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Milton Bradley Co., Springfield, Mass.
Golding & Co., Boston, Mass.
R. Hoe & Co., 504 Grand St., New York.
Kelsey Press Co., Meriden, Conn.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Mather Mfg. Co., 734 Sansom St., Philadelphia, Pa.
T. W. & C. B. Sheridan, 2 Reade St., New York.

C. LEVER PAPER CUTTERS. Challenge Machinery Co., 2529 Leo St., Chicago, Ill.
Chandler & Price Co., Cleveland, O.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
T. W. & C. B. Sheridan, 2 Reade St., New York.
Paul Shniedewend & Co., 195 S. Canal St., Chicago, Ill.

D. PAPER SLITTING MACHINERY. Knowlton & Beach, Rochester, N. Y.

E. STOP CUTTERS. Beloit Iron Works, Beloit, Wis.
Black & Clawson Co., Hamilton, O.
Holyoke Machine Co., Holyoke, Mass.
Lowell Machine Shop, Lowell, Mass.
Smith & Winchester Co., South Windham, Conn.

2158. PAPER FEEDING MACHINERY.

Dexter Folder Co., Pearl River, N. Y.
John McAdams Sons, 978 Kent Av., Brooklyn, N. Y.

2159. PAPER FINISHING MACHINERY.

Granger Foundry & Machine Co., Providence, R. I.
Norwood Engineering Co., Florence, Mass.

A. AIR-DRYING MACHINERY. Famous Mfg. Co., Chicago, Ill.
Smith & Winchester Co., South Windham, Conn.

B. AUTOMATIC FEEDERS.	J. H. Horne & Sons Co., Lawrence, Mass.
C. CALENDER ROLLS, CHILLED.	Black & Clawson Co., Hamilton, O. Farrel Foundry & Machine Co., Ansonia, Conn. A. J. Gilman, Dansville, N. Y. Granger Foundry & Machine Co., Providence, R. I. Holyoke Machine Co., Holyoke, Mass. Lobdell Car Wheel Co., Wilmington, Del. Portland Co., Portland, Me. Pusey & Jones Co., Wilmington, Del. Rice, Barton & Fales Machine & Iron Co., Worcester, Mass Smith & Winchester Co., South Windham, Conn.
D. CALENDER ROLLS, COMBINATION.	Granger Foundry & Machine Co., Providence, R. I.
E. CALENDER ROLLS, COTTON.	Holyoke Machine Co., Holyoke, Mass.
F. CALENDER ROLLS, GUN METAL.	Black & Clawson Co., Hamilton, O. Lowell Machine Shop, Lowell, Mass.
G. CALENDER ROLLS, HUSK.	Holyoke Machine Co., Holyoke, Mass.
H. CALENDER ROLLS, PAPER.	H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa. Farrel Foundry & Machine Co., Ansonia, Conn. Granger Foundry & Machine Co., Providence, R. I. Holyoke Machine Co., Holyoke, Mass. Norwood Engineering Co., Florence, Mass. Phoenix Iron Foundry, Providence, R. I. Portland Co., Portland, Me. Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
I. CALENDER ROLLS, STEEL.	Farrel Foundry & Machine Co., Ansonia, Conn.
J. CALENDERS.	Black & Clawson Co., Hamilton, O. H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa Downington Mfg. Co., Ltd., East Downington, Pa. Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa. Granger Foundry & Machine Co., Providence, R. I. Holyoke Machine Co., Holyoke, Mass. Norwood Engineering Co., Florence, Mass. Phoenix Iron Foundry, Providence, R. I. Rice, Barton & Fales Machine & Iron Co., Worcester, Mass Smith & Winchester Co., South Windham, Conn. Taber Prang Art Co., Springfield, Mass.
K. CALENDERS, BREAKER.	Holyoke Machine Co., Holyoke, Mass. Norwood Engineering Co., Florence, Mass. Smith & Winchester Co., South Windham, Conn.
L. CALENDERS, EMBOSSING.	H. W. Butterworth & Son Co., 2415 E. York St., Phila., Pa Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa. Granger Foundry & Machine Co., Providence, R. I.
M. CALENDERS, FRICTION.	Birmingham Iron Foundry, Derby, Conn. Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa. Granger Foundry & Machinery Co., Providence, R. I. Holyoke Machinery Co., Holyoke, Mass. Norwood Engineering Co., Florence, Mass.
N. CALENDERS, PLATERS'.	Birmingham Iron Foundry, Derby, Conn. Granger Foundry & Machine Co., Providence, R. I. Holyoke Machine Co., Holyoke, Mass. Norwood Engineering Co., Florence, Mass. Smith & Winchester Co., South Windham, Conn.
O. CALENDERS, SHEET.	Granger Foundry & Machine Co., Providence, R. I. Holyoke Mach. Co., Holyoke, Mass. Norwood Engineering Co., Florence, Mass.
P. CALENDERS, WEB.	Granger Foundry & Machine Co., Providence, R. I. Holyoke Machine Co., Holyoke, Mass. Norton Engineering Co., Florence, Mass. Norwood Engineering Co., Florence, Mass.
Q. FINE PAPER FINISHING MACHINERY.	Granger Foundry & Machine Co., Providence, R. I.
R. PAPER COATING MACHINES.	Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
S. PAPER EMBOSSERS.	Seybold Machine Co., Dayton, O.
T. PAPER PLATING MACHINES.	Black & Clawson Co., Hamilton, O.
U. PAPER PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y. G. H. Bushnell Press Co., Thompsonville, Conn. Watson-Stillman Co., 204 E. 43d St., New York.
V. RULING MACHINES.	W. O. Hickok Mfg. Co., Harrisburg, Pa. John Hope & Sons Engraving & Mfg. Co., Providence, R. I John McAdams & Sons, 978 Kent Av., Brooklyn, N. Y. E. J. Piper, Springfield, Mass.

W. SATURATING MACHINERY. Black & Clawson Co., Hamilton, O.
X. STAMPING PRESSES. W. O. Hickok Mfg. Co., Harrisburg, Pa.
E. J. Piper, Springfield, Mass.
F. P. Rosback, Philadelphia, Pa.

2160. PAPER FOLDING MACHINES.
Chambers Bros. Co., 52d St. & Lancaster Av., Phila., Pa.
Dexter Folder Co., Pearl River, N. Y.
Golding & Co., 177 Fort Hill Square, Boston, Mass.

2161. PAPER HANGERS' TOOLS.
Reilley Bros., 322 W. 41st St., New York.

2162. PAPER MACHINERY PARTS.
A. BARBED JORDAN BARS. J. H. Horne & Sons Co., Lawrence, Mass.
B. CYLINDER MOULDS. Beloit Iron Works, Beloit, Wis.
Black & Clawson Co., Hamilton, O.
Cheney Bigelow Wire Works, Springfield, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gage Machine Works, Waterford, N. Y.
Smith & Winchester Co., South Windham, Conn.
C. CYLINDER WIRES. H. & T. McCluskey & Sons, New Haven, Conn.
D. DANDY ROLLS. Cheney Bigelow Wire Works, Springfield, Mass.
Black & Clawson Co., Hamilton, O.
Buchanan & Bolt Wire Co., Holyoke, Mass.
De Witt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Lowell Machine Shop, Lowell, Mass.
C. H. Smith & Co., Holyoke, Mass.
E. DECKLE STRAPS. Black & Clawson Co., Hamilton, O.
Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Revere Rubber Co., Boston, Mass.
F. DECKLE WEBBING. Empire Mfg. Co., Lockport, N. Y.
G. DRAINER BOTTOMS. Samuel Snell, Holyoke, Mass.
H. FLY BARS. Downington Mfg. Co., Ltd., East Downington, Pa.
Taylor, Stiles & Co., Riegelsville, N. J.
I. FOURDRINIER WIRES. Cheney Bigelow Wire Works, Springfield, Mass.
Ezekiel Davis & Son, Fitchburg, Mass.
De Witt Wire Cloth Co., 17 Warren St., New York.
H. & T. McCluskey & Sons, New Haven, Conn.
J. GUIDES, FELT. Cheney Bigelow Wire Works, Springfield, Mass.
Black & Clawson Co., Hamilton, O.
K. GUIDES, WIRE. Cheney Bigelow Wire Works, Springfield, Mass.
Black & Clawson Co., Hamilton, O.
L. KNIVES, CHIPPER. Taylor, Stiles & Co., Riegelsville, N. J.
M. KNIVES, MACHINE. Beloit Iron Works, Beloit, Wis.
Ezekiel Davis & Son, Fitchburg, Mass.
J. H. Horne & Sons Co., South Lawrence, Mass.
John Loyd, 562 Water St., New York.
A. A. Simonds & Son, Dayton, O.
Stubbs & Goddard, Boston, Mass
L. & I. J. White Co., Buffalo, N. Y.
N. KNIVES, PAPER. M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Loring Coes & Co., Worcester, Mass.
Nichol & Co., 57 W. Washington St., Chicago, Ill.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.
L. & I. J. White Co., Buffalo, N. Y.
O. KNIVES, PAPER CUTTER. Loring Coes & Co., Worcester, Mass.
Ezekiel Davis & Son, Fitchburg, Mass.
J. H. Horne & Sons Co., Lawrence, Mass.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Taylor, Stiles & Co., Riegelsville, N. J.
P. KNIVES, RAG. American Axe & Tool Co., Pittsburg, Pa.
Nolin Mfg. Co., Skowhegan, Me.
A. A. Simonds & Son, Dayton, O.
Q. KNIVES, RAG CUTTER. Loring Coes & Co., Worcester, Mass.
Ezekiel Davis & Son, Fitchburg, Mass.
A. Hankey & Co., Rockdale, Mass.
Taylor, Stiles & Co., Riegelsville, N. J.
R. KNIVES, STOP CUTTER. Taylor, Stiles & Co., Riegelsville, N. J.
S. ROLL BARS. Beloit Iron Works, Beloit, Wis.
Ezekiel Davis & Son, Fitchburg, Mass.
Holyoke Bar Co., Holyoke, Mass.
J. H. Horne & Sons Co., Lawrence, Mass.
Lowell Machine Shop, Lowell, Mass.
Smith & Winchester Co., South Windham, Conn.
Taylor, Stiles & Co., Riegelsville, N. J.

T. SCREEN PLATES.	Annandale Screen Plate Co., Paterson, N. J.
	Black & Clawson Co., Hamilton, O.
	Eastwood Wire Mfg. Co., Belleville, N. J.
	Randolph & Clowes, Waterbury, Conn.
	E. J. Welch & Co., Fitchburg, Mass.
	Western Screen Plate Works, Appleton, Wis.
	Willard Screen Plate Co., Fitchburg, Mass.
U. WASHER WIRES.	H. & T. McCluskey & Sons, New Haven, Conn.

2163. PAPER MAKING MACHINERY.

	Bagley & Sewall Co., Watertown, N. Y.
	Black & Clawson Co., Hamilton, O.
	Loring Coes & Co., Worcester, Mass.
	Dayton Globe Iron Works Co., Dayton, O.
	Dilts Machine Works, Fulton, N. Y.
	Downington Mfg. Co., Ltd., East Downington, Pa.
	J. H. Horne & Sons Co., Lawrence, Mass.
	Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa
	O. S. Kelly Co., Springfield, O.
	Moore & White Co., 15th St. & Lehigh Av., Phila., Pa.
	Smith & Winchester Co., South Windham, Conn.
	Windsor Locks Machine Co., Windsor Locks, Conn.
A. AGITATORS.	Downington Mfg. Co., Ltd., East Downington, Pa.
B. CUTTERS, PAPER STOCK.	Black & Clawson Co., Hamilton, O.
	Coburn & Taylor Mfg. Co., Holyoke, Mass.
	Curtis & Marble Machine Co., Worcester, Mass.
	Daniels Machine Co., Woodstock, Vt.
	Holyoke Machine Co., Holyoke, Mass.
	J. H. Horne & Sons Co., Lawrence, Mass.
	La Tourrette & Co., Middletown, O.
	Pusey & Jones Co., Wilmington, Del.
	Putnam Machine Co., Fitchburg, Mass.
	Rice, Barton & Fales Machine & Iron Co., Worcester, Mass
	Smith & Winchester Co., South Windham, Conn.
	Taylor, Stiles & Co., Riegelsville, N. J.
C. CYLINDERS.	Beloit Iron Works, Beloit, Wis.
	Cheney Bigelow Wire Works, Springfield, Mass.
	Black & Clawson Co., Hamilton, O.
	Eastwood Wire Mfg. Co., Belleville, N. J.
	F. Gray Co., Piqua, O.
	W. S. Tyler Wire Works Co., Cleveland, O.
D. DIGESTORS.	C. H. Dempwolf & Co., York, Pa.
	Deoxidized Metal Co., Bridgeport, Conn.
	Eastwood Wire Mfg. Co., Belleville, N. J.
	J. C. McNeil Co., Akron, O.
	R. Munroe & Son, Pittsburg, Pa.
	Thomas Phillips Co., Providence, R. I.
	Portland Co., Portland, Me.
	Riter-Conly Co., Pittsburg, Pa.
	Stewart & Peterson Co., Burlington, N. J.
E. DRAINERS.	Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
F. DRAINER VATS.	J. H. Horne & Sons Co., South Lawrence, Mass.
G. ENGINES, BEATING.	Black & Clawson Co., Hamilton, O.
	Cyrus Currier & Sons, Newark, N. J.
	Dayton Globe Iron Works, Dayton, O.
	Dilts Machinery Works, Fulton, N. Y.
	Downington Mfg. Co., Ltd., East Downington, Pa.
	Holyoke Machine Co., Holyoke, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	J. Morton Poole Co., Wilmington, Del.
	Pusey & Jones Co., Wilmington, Del.
H. ENGINES, COMBINED BEATING & WASHING.	J. H. Horne & Sons Co., Lawrence, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
I. ENGINES, JORDAN.	Black & Clawson Co., Hamilton, O.
	Cyrus Currier & Sons, Newark, N. J.
	J. H. Horne & Sons Co., South Lawrence, Mass.
	Pusey & Jones Co., Wilmington, Del.
	Smith & Winchester Co., South Windham, Conn.
J. ENGINES, RAG.	Holyoke Machine Co., Holyoke, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	Taylor, Stiles & Co., Riegelsville, N. J.
	Union Machine Co., Fitchburg, Mass.
	Windsor Locks Machine Co., Windsor Locks, Conn.
K. ENGINES, REFINING.	Black & Clawson Co., Hamilton, O.
	Pusey & Jones Co., Wilmington, Del.
	Whittier Machine Co., Boston, Mass.
L. ENGINES, WASHING.	Bagley & Sewall Co., Watertown, N. Y.

	Black & Clawson Co., Hamilton, O.
M. FILTERING TANKS.	J. H. Horne & Sons Co., Lawrence, Mass.
N. FILTERS.	Cumberland Mfg. Co., Boston, Mass.
O. IRON SCREW VATS.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
	Cyrus Currier & Sons, Newark, N. J.
	Holyoke Machine Co., Holyoke, Mass.
	J. H. Horne & Sons Co., Lawrence, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	Lowell Machine Shop, Lowell, Mass.
	J. W. Penney & Sons Co., Mechanic Falls, Me.
	Pusey & Jones Co., Wilmington, Del.
	Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
P. LINERS, PASTE.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
Q. LINERS, SHEET.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
R. MACHINE BOARDS.	Black & Clawson Co., Hamilton, O.
	Lowell Machine Shop, Lowell, Mass.
S. MACHINES, CYLINDER.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
	Dilts Machine Works, Fulton, N. Y.
	Downington Mfg. Co., Ltd., East Downington, Pa.
	L. K. Heathcote & Co., Glen Rock, Pa.
	Holyoke Machine Co., Holyoke, Mass.
	J. H. Horne & Sons Co., Lawrence, Mass.
	Pusey & Jones Co., Wilmington, Del.
	Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
	Union Machine Co., Fitchburg, Mass.
T. MACHINES, FOURDRINIER.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
	F. Gray Co., Piqua, O.
	L. K. Heathcote & Co., Glen Rock, Pa.
	J. H. Horne & Sons Co., Lawrence, Mass.
	Lowell Machine Shop, Lowell, Mass.
	Osgood & Barker, Bellows Falls, Vt.
	Pusey & Jones Co., Wilmington, Del.
	Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
	Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
	Union Machine Co., Fitchburg, Mass.
U. MACHINES, WET.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
	Dilts Machine Works, Fulton, N. Y.
	Jacob Gottlieb, Cumberland, Md.
	J. H. Horne & Sons Co., Lawrence, Mass.
	Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
	Trevor Mfg. Co., Lockport, N. Y.
V. RAG CUTTERS.	Black & Clawson Co., Hamilton, O.
	Dilts Machine Works, Fulton, N. Y.
	Taylor, Stiles & Co., Riegelsville, N. J.
W. RAG DUSTERS.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
	Holyoke Machine Co., Holyoke, Mass.
	E. D. Jones & Sons Co., Pittsfield, Mass.
	Kitson Machine Co., Lowell, Mass.
	Lowell Machine Shop, Lowell, Mass.
	Norwood Engineering Co., Florence, Mass.
	Smith & Winchester Co., South Windham, Conn.
	Jas. Smith Woolen Mach. Co., 411 Race St., Philadelphia, Pa.
X. RAG PICKERS.	Kitson Machine Co., Lowell, Mass.
	Jas. Smith Woolen Mach. Co., 411 Race St., Philadelphia, Pa.
Y. REELS, REVOLVING.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
	Dilts Machinery Works, Fulton, N. Y.
	Downington Mfg. Co., Ltd., East Downington, Pa.
	Smith & Winchester Co., South Windham, Conn.
Z. REELS, STACK.	Beloit Iron Works, Beloit, Wis.
	Black & Clawson Co., Hamilton, O.
AA. ROTARY BLEACHERS.	Coghlan's Holyoke St. Boiler & Iron Wks., Holyoke, Mass.
	Holyoke Machine Co., Holyoke, Mass.
	J. H. Horne & Sons Co., Lawrence, Mass.
	Lowell Machine Shop, Lowell, Mass.
	J. C. McNeil Co., Akron, O.
BB. SLITTERS.	American Roll Paper Co., St. Louis, Mo.
	Black & Clawson Co., Hamilton, O.
	H. P. Feister, 506 Cuthbert St., Philadelphia, Pa.

CC. STRAW BOILERS.	Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa. J. C. McNeil Co., Akron, O.
DD. STRAW MILLS.	American Glutrose Works, Penn Mutual Bldg., Phila., Pa.
EE. STUFF CHESTS.	Downington Mfg. Co., Ltd., East Downington, Pa. Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
FF. THRESHING MACHINES.	Lowell Machine Shop, Lowell, Mass.
GG. TUBS, BLEACH.	Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa. J. H. Horne & Sons Co., Lawrence, Mass.
HH. TUBS, BOILING.	Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
II. TUBS, SIZE.	Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
JJ. WATER TANKS.	Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa. Winship Mfg. Co., Racine, Wis.
KK. WINDERS.	Dilts Machinery Works, Fulton, N. Y. Downington Mfg. Co., Ltd., East Downington, Pa. Smith & Winchester Co., South Windham, Conn.
LL. WOODEN BLOW PITS.	George Woolford, 2240 N. 9th St., Philadelphia, Pa.
2164. PAVERS' TOOLS.	W. H. Anderson & Sons, Detroit, Mich. Henry H. Harvey, Boston, Mass.
A. PAVING RAMMERS.	W. H. Anderson & Sons, Detroit, Mich. Abner Doble Co., San Francisco, Cal.
2165. PERFORATING MACHINES.	A. J. Beckley & Co., Garwood, N. J. Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa. Edwin B. Stimpson & Son, 31 Spruce St., New York.
A. ROTARY PIN-HOLE PERFORATING MACHINES.	H. C. Hansen, Boston, Mass.
B. STAMP PERFORATING MACHINES.	C. W. Dickinson, Jr., Belleville, N. J.
2166. PERFUMERY MACHINERY.	J. H. Day & Co., Cincinnati, O.
2167. PIANO FACTORY MACHINERY.	Buss Machine Works, Grand Rapids, Mich. J. A. Fay & Egan Co., Cincinnati, O.
A. PIANO TOOLS.	Kraeuter Co., Newark, N. J.
2168. PICKS.	American Axe & Tool Co., Pittsburg, Pa. Atha Tool Co., Newark, N. J. Collins Co., Collinsville, Conn. Columbus Mfg. Co., Columbus, O. Abner Doble Co., San Francisco, Cal. Findlay Axe & Tool Co., Findlay, O. H. H. Harvey, Boston, Mass. Iron City Tool Works, Ltd., Pittsburg, Pa. Iwan Bros., Streator, Ill. Jenkins Iron & Tool Co., Bellefonte, Pa. Fred. W. Peck, Agent, Cohoes, N. Y. Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa. B. F. Starr & Co., Baltimore, Md.
2169. PILE DRIVERS.	F. C. Austin Mfg. Co., Harvey, Ill. Excelsior Iron Works Co., Cleveland, O. R. R. Howell & Co., Minneapolis, Minn. Industrial Works, Bay City, Mich. J. S. Mundy, Newark, N. J. Novelty Iron Works, Dubuque, Iowa. Vulcan Iron Works, 59 Milwaukee Av., Chicago, Ill.
A. GUNPOWDER PILE DRIVERS.	T. Shaw, 915 Ridge Av., Philadelphia, Pa.
B. PILE DRIVER HAMMERS.	Thomas Carlin's Sons, Allegheny, Pa. Lidgerwood Mfg. Co., 96 Liberty St., New York. J. S. Mundy, Newark, N. J.
C. PILE DRIVER RING PULLERS.	Thomas Carlin's Sons, Allegheny, Pa.
D. PILE JOINTS & SHOES.	Thomas Carlin's Sons, Allegheny, Pa.
E. PILE RINGS.	Thomas Carlin's Sons, Allegheny, Pa.
2170. PILL MACHINERY.	J. H. Day & Co., Cincinnati, O. A. H. Wirz, 917 Cherry St., Philadelphia, Pa.
2171. PINCERS.	William Johnson, Newark, N. J. F. R. Woodward, Hill, N. H.
2172. PINKING MACHINES.	C. S. Osborne & Co., Newark, N. J. Edwin B. Stimpson & Son, 31 Spruce St., New York.
A. PINKING IRONS.	William Johnson, Newark, N. J. Kraeuter Co., Newark, N. J. C. S. Osborne & Co., Newark, N. J. Tower & Lyon, 95 Chambers St., New York.
B. PINKING ROLLS, HARD RUBBER.	Sewing Machine Supplies Co., Boston, Mass.

2173. PISTON ROD REMOVERS.
Watson-Stillman Co., 204 E. 43d St., New York.

2174. PITCHING TOOLS.
Detroit Steel & Spring Co., Detroit, Mich.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.

2175. PLANES.

A. ADJUSTABLE PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Gage Tool Co., Vineland, N. J.
F. Letellier & Co., Grand Rapids, Mich.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Co., New Britain, Conn.

B. BEAD PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Co.,, New Britain, Conn.

C. BENCH PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Gage Tool Co., Vineland, N. J.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Otis A. Smith, Rockfall, Conn.

D. BENCH PLANE TRUING DEVICE.
Gage Tool Co., Vineland, N. J.

E. CIRCULAR PLANES.
Ohio Tool Co., Columbus, O.

F. COMBINATION PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Tower & Lyon, 95 Chambers St., New York.

G. DADO PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.

H. FILLISTER PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.

I. HOLLOWS & ROUNDS.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.

J. IRON PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Detrick & Harvey Machine Co., Baltimore, Md.
C. E. Jennings & Co., 79 Reade St., New York.
Meriden Malleable Iron Co., Meriden, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Tower & Lyon, 95 Chambers St., New York.

K. IRON THROAT PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Gage Tool Co., Vineland, N. J.
Sandusky Tool Co., Sandusky, O.

L. JOINTERS.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Sargent & Co., New Haven, Conn.

M. MATCH PLANE ARMS.
Ohio Tool Co., Columbus, O.

N. MATCH PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co., New Britain, Conn.

O. MOULDING PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.

P. OVOLO PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.

Q. PLANE IRONS.
Buck Bros., Millbury, Mass.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.
L. & I. J. White Co., Buffalo, N. Y.

R. PLANE STOPS.
H. Chapin's Sons Co., Pine Meadow, Conn.

S. RABBET PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Co., New Britain, Conn.

T. ROUTING PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Sargent & Co., New Haven, Conn.

U. SHIP PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.
Ohio Tool Co., Columbus, O.

V. SLITTING PLANES.
H. Chapin's Sons Co., Pine Meadow, Conn.

Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co., New Britain, Conn.

W. TOY PLANES. Ohio Tool Co., Columbus, O.

X. VENETIAN BLIND PLANES. H. Chapin's Sons Co., Pine Meadow, Conn.
Gage Tool Co., Vineland, N. J.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Sargent & Co., New Haven, Conn.

2176. PLANTS, COMPLETE, POWER.

A. BESSEMER STEEL PLANTS. Mesta Machine Co., Lewis Block, Pittsburg, Pa.

B. COALING PLANTS. Industrial Works, Bay City, Mich.

C. COLD STORAGE PLANTS. Harrisburg Ice Machine Co., Harrisburg, Pa.
N. Y. Ice Co., 2 Cortlandt St., New York.

D. DROP FORGING PLANTS. Billings & Spencer Co., Hartford, Conn.

E. DRYING & VENTILATING PLANTS. Howard & Morse, 45 Fulton St., New York.

F. FURNACE EQUIPMENTS. Moore & White Co., Lehigh Av. & N. 15th St., Phila., Pa.

G. GAS WORKS. Bartlett, Hayward & Co., Baltimore, Md.
U. S. Improvement Co., Drexel Bldg., Pmiladelphia, Pa.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

H. GAS WORKS, PORTABLE. American Gas Furnace Co., 23 John St., New York.

I. OIL REFINERIES. Progressive Iron Works, Greenpoint Av., Brooklyn, N. Y.
Riter-Conly Co., Pittsburg, Pa.

J. ROLLING MILLS. Andrews Bros. Co., Youngstown, O.
Blake & Johnson, Waterbury, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Frank-Kneeland Mach. Co., Pittsburg, Pa.
Mackintosh, Hemphill & Co., Ltd., Pittsburg, Pa.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Moore & White Co., Lehigh Av. & N. 15th St., Phila., Pa.
Phila. Roll & Mach. Co., 23d & Washington Av., Phila., Pa.
Reading Iron Co., Reading, Pa.
Toledo Machine & Tool Co., Toledo, O.
Weimer Machine Works Co., Lebanon, Pa.

K. STEEL WORKS. Mackintosh, Hemphill & Co., Ltd., Pittsburg, Pa.
Stearns Mfg. Co., Erie, Pa.

L. TEXTILE MILL PLANTS. C. & G. Cooper Co., Mount Vernon, O.
Fall River Mach. Co., Fall River, Mass.

M. TIN PLATE MILLS. Mesta Machine Co., Lewis Block, Pittsburg, Pa.

2177. PLIERS. Cincinnati, Tool Co., Cincinnati, O.
A. N. Clark & Son, Plainville, Conn.
Cronk Hanger Co., Elmira, N. Y.
Kraeuter Co., Newark, N. J.
Fred. J. Meyers Mfg. Co., Hamilton, O.
C. S. Osborne & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
William Schollhorn & Co., New Haven, Conn.
Standard Tool Co., Athol, Mass.
Utica Drop Forge & Tool Co., Utica, N. Y.
F. R. Woodward, Hill, N. H.

A. COMBINATION PLIERS. Athol Machine Co., Athol, Mass.
Billings & Spencer Co., Hartford, Conn.
J. M. King & Co., Waterford, N. Y.
Kraeuter Co., Newark, N. J.
Utica Drop Forge & Tool Co., Utica, N. Y.

2178. PLUMB BOBS. Brown & Sharpe Mfg. Co., Providence, R. I.
Dickson Mfg. Co., Scranton, Pa.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
James L. Haven Co., Cincinnati, O.
C. S. Osborne & Co., Newark, N. J.
Tower & Lyon, 95 Chambers St., New York.
Wrightsville Hardware Co., Wrightsville, Pa.

A. ADJUSTABLE PLUMB BOBS. Stanley Rule & Level Co., New Britain, Conn.

2179. PLUMBERS' TOOLS. William H. Anderson & Son, Detroit, Mich.
Bailey-Farrel Mfg. Co., Pittsburg, Pa.
Barnes Tool Co., New Haven, Conn.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Haydenville Mfg. Co., 73 Beekman St., New York.
William Johnson, Newark, N. J.
J. M. King & Co., Waterford, N. Y.
Kraeuter Co., Newark, N. J.

C. S. Osborne & Co., Newark, N. J.
Standard Turning Works, Cambridgeport, Mass.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.

A. PLUMBERS' FURNACES.
M. L. Hull, 24 Broadway, Cleveland, O.
Patton Mfg. Co., Columbus, O.
Standard Mfg. Co., Pittsburg, Pa.
G. L. Stuebner Iron Works, Long Island City, N. Y.
White Mfg. Co., 158 Indiana St., Chicago, Ill.

B. PLUMBERS' LADLES.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Standard Mfg. Co., Pittsburg, Pa.

C. PLUMBERS' SAWS.
National Saw Co., Newark, N. J.

2180. PNEUMATIC MACHINERY.

Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
P. H. & F. M. Roots Co., Connersville, Ind.

A. PNEUMATIC TOOLS.
American Pneumatic Tool Co., 844 Washington St., N. York.
Clayton Air Compressor Works, 26 Cortlandt St., New York.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.

2181. POLE & SHAFT MACHINERY.

Defiance Machine Works, Defiance, O.
R. R. Howell & Co., Minneapolis, Minn.

2182. POLISHING & BUFFING MACHINES.

American Clay Working Machine Co., Bucyrus, O.
Buescher Mfg. Co., Elkhart, Ind.
J. M. Hayden & Co., Grand Rapids, Mich.
E. P. Reichhelm & Co., 23 John St., New York.
Sterling Emery Wheel Mfg. Co., Tiffin, O.

A. BUFFING & POLISHING WHEELS.
Armstrong Cork Co., 24th & R. R. St., Pittsburg, Pa.
Charles N. Bacon, 98 Milk St., Boston, Mass.
Bickford & Francis Belting Co., Buffalo, N. Y.
Devine Bros., Utica, N. Y.
Eastern Felting & Buffing Wheel Co., Winchester, Mass.
F. W. Gesswein Co., 39 John St., New York.
Radial Thread Buff Co., South Windham, Conn.
Rockwood Mfg. Co., Indianapolis, Ind.
Standard Emery Wheel Co., Albany, N. Y.
Ellis Thayer's Son, Pawtucket, R. I.
Tingue, House & Co., 56 Reade St., New York.

B. BUFFING LATHES.
Estate of Paul Pryibil, 512 W. 41st St., New York.
Florence Machine Co., Florence, Mass.
Springfield Mfg. Co., Bridgeport, Conn. *31
Standard Emery Wheel Co., Albany, N. Y.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Watson-Stillman Co., 204 E. 43d St., New York.

C. BUFFING MACHINES, SHOE.
Globe Buffer Co., Boston, Mass.

D. POLISHERS' TOOLS.
F. W. Gesswein Co., 39 John St., New York.
E. P. Reichhelm & Co., 23 John St., New York.

E. POLISHING MACHINES.
American Saw Co., Trenton, N. J.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Buescher Mfg. Co., Elkhart, Ind.
Florence Machine Co., Florence, Mass.
Gould & Eberhardt, Newark, N. J.
Northampton Emery Wheel Co., Leeds, Mass.
Standard Emery Wheel Co., Albany, N. Y.
Watson-Stillman Co., 204 E. 43d St., New York.

F. PORTABLE POLISHING MACHINES.
Stow Flex. Shaft Co., N. 26th & Callowhill Sts., Phila., Pa.

G. STONE POLISHING MACHINES.
Concord Axle Co., Penacook, N. H.
Lincoln Iron Works, Rutland, Vt.

2183. POLISHING & GRINDING SUPPLIES.

Sterling Emery Wheel Mfg. Co., Tiffin, O.

A. POLISHING FRAMES.
Springfield Mfg. Co., Bridgeport, Conn. *31

B. POLISHING PADS & MITTENS.
Diamond Hardware Co., Boston, Mass.

2184. POST OFFICE MARKING MACHINES.

Barr-Fyke Machine Co., Kansas City, Mo.

2185. POTTERS' MACHINERY.

Duncan Mackenzie, Trenton, N. J.
Taplin, Rice & Co., Akron, O.
Webster, Camp & Lane Machine Co., Akron, O.

A. BOARD DELIVERY CARRIAGES.
American Clay Working Machine Co., Bucyrus, O.

B. FLOWER POT MACHINES.
Rockwood Mfg. Co., Indianapolis, Ind.

C. POWER POTTERY WHEELS.
H. L. Dixon, Pittsburg, Pa.

2186. POWER FITTINGS, SEWING MACHINE.

Singer Mfg. Co., 561 Broadway, New York.
Standard Sewing Machine Co., Cleveland, O.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.

2187. PRESSES.

F. S. & G. L. Brown, Baltimore, Md.
Hersey Mfg. Co., South Boston, Mass.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

A. ADJUSTABLE INCLINE PRESSES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
E. S. Stiles Press Co., Watertown, N. Y.

B. AUTOMATIC FEED PRESSES.
Toledo Machine & Tool Co., Toledo, O.

C. BOOKBINDERS' PRESSES.
G. H. Bushnell Press Co., Thompsonville, Conn.
James L. Haven Co., Cincinnati, O.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
S. C. Rogers & Co., Lock St., Buffalo, N. Y.

D. DIE PRESSES.
Seelye Mfg. Co., 110 Lincoln St., Boston, Mass.
Watson-Stillman Co., 204 E. 43d St., New York.

E. DOUBLE CRANK PRESSES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
E. S. Stiles Press Co., Watertown, N. Y.

F. FOOT PRESSES.
Ayars Machine Co., Salem, N. J.
Blake & Johnson, Waterbury, Conn.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Cardwell Machine Co., Richmond, Va.
F. L. Ellis & Son, Milldale, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Gould & Eberhardt, Newark, N. J.
Hersey Mfg. Co., South Boston, Mass.
Niagara Machine & Tool Works, Buffalo, N. Y.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Pratt & Whitney Co., Hartford, Conn.
F. B. Shuster Co., New Haven, Conn.
E. S. Stiles Press Co., Watertown, N. Y.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Toledo Machine & Tool Co., Toledo, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
F. Wesel Mfg. Co., 82 Fulton St., New York.

G. FORGING PRESSES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
E. S. Stiles Press Co., Watertown, N. Y.

H. HAND PRESSES.
G. H. Bushnell Press Co., Thompsonville, Conn.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
Hersey Mfg. Co., South Boston, Mass.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.
Edwin B. Stimpson & Son, 31 Spruce St., New York.

I. HYDRAULIC PRESSES.
Allentown Foundry & Machine Works, Allentown, Pa.
Barbour Machine Works, Anniston, Ala.
Betts Machine Co., Wilmington, Del.
Brennan & Co., Louisville, Ky.
G. H. Bushnell Press Co., Thompsonville, Conn.
Cleveland Machine Works, Worcester, Mass.
H. Dudley Coleman Machine Co., New Orleans, La.
R. D. Cole Mfg. Co., Newman, Ga.
Crews & Westbrook, Danville, Va.
Davenport Foundry & Machine Co., Davenport, Iowa.
P. K. Dederick's Sons, Albany, N. Y.
Dickson Mfg. Co., Scranton, Pa.
R. Dudgeon, 24 Columbia St., New York.
Gardwell Machine Co., Richmond, Va.
Gould & Eberhardt, Newark, N. J.
Granger Foundry & Machine Co., Providence, R. I.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Holyoke Machine Co., Holyoke, Mass.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Lowell Machine Shop, Lowell, Mass.
John H. McGowan Co., Cincinnati, O.
Niles Tool Works, Hamilton, O.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Phoenix Iron Foundry, Providence, R. I.
Robt. Poole & Son Co., Baltimore, Md.
Portland Co., Portland, Me.
John Robertson & Co., 129 Water St., Brooklyn, N. Y.
B. Staubach, 652 E. 12th St., New York.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Walker Co., Cleveland, O.

Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Waterbury Machine Co., Waterbury, Conn.
Watson Stillman Co., 204 E. 43d St., New York.

J. KNUCKLE JOINT PRESSES. G. H. Bushnell Press Co., Thompsonville, Conn.

K. LEAD PENCIL PRESSES. Watson-Stillman Co., 204 E. 43d St., New York.

L. LEVER PRESSES. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Chandler & Price Co., 82 Prospect St., Cleveland, O.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
Gould & Eberhardt, Newark, N. J.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
F. B. Shuster Co., New Haven, Conn.
E. S. Stiles Press Co., Watertown, N. Y.
Walker Co., Cleveland, O.

M. PENDULUM PRESSES. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
E. S. Stiles Press Co., Watertown, N. Y.

N. PERFORATING PRESSES. E. S. Stiles Press Co., Watertown, N. Y.

O. POWER PRESSES. Ayars Machine Co., Salem, N. J.
Blake & Johnson, Waterbury, Conn.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Buescher Mfg. Co., Elkhart, Ind.
G. H. Bushnell Press Co., Thompsonville, Conn.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
F. L. Ellis & Son, Milldale, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Gould & Eberhardt, Newark, N. J.
Hersey Mfg. Co., South Boston, Mass.
Niagara Machine & Tool Works, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Progress Mfg. Co., Meridian, Miss.
J. S. & G. F. Simpson, 30 Rodney St., Brooklyn, N. Y.
B. Staubach, 652 E. 12th St., New York.
E. S. Stiles Press Co., Watertown, N. Y.
Fred. J. Swaine, 207 Chestnut St., St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Waterbury Farrel Foundry & Mach Co., Waterbury, Conn.
Whitcomb Mfg. Co., Worcester, Mass.

P. SCREW PRESSES. John Adt & Son, New Haven, Conn.
American Saw Co., Trenton, N. J.
W. F. & John Barnes Co., 855 Ruby St., Rockford, Ill.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
Crompton & Knowles Loom Works, Worcester, Mass.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Ferracute Machine Co., Bridgeton, N. J.
Gould & Eberhardt, Newark, N. J.
Granger Foundry & Machine Co., Providence, R. I.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
E. M. Lang Co., Portland, Me.
Pratt & Whitney Co., Hartford, Conn.
B. Staubach, 652 E. 12th St., New York.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
E. S. Stiles Press Co., Watertown, N. Y.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

Q. TOGGLE JOINT PRESSES. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Gould & Eberhardt, Newark, N. J.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
B. Stanbach, 652 E. 12th St., New York.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

2188. PRESSES (COMPRESSOR).

A. BALING PRESSES. Benicia Agricultural Works, Benicia, Cal.
Boomer & Boschert Press Co., Syracuse, N. Y.
Geo. H. Bushnell Press Co., Thompsonville, Conn.
Cardwell Machine Co., Richmond, Va.
Collins Plow Co., Quincy, Ill.
P. K. Dederick's Sons, Albany, N. Y.
De Loach Mill Mfg. Co., Atlanta, Ga.
Geo. Ertel Co., Quincy, Ill.
Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
A. B. Farquhar & Co., York, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
James L. Haven Co., Cincinnati, O.
Kansas City Hay Press Co., Kansas City, Mo.
Lombard Iron Works & Supply Co., Augusta, Ga.
Progress Mfg. Co., Meridian, Miss.
Robinson & Co., Richmond, Ind.

	M. Rumely Co., La Porte, Ind.
	San Jose Agricultural Works, San Jose, Cal.
	Sinclair-Scott Co., Baltimore, Md.
	B. Staubach, 652 E. 12th St., New York.
	Waterville Foundry & Mfg. Co., Waterville, N. Y.
	Watson-Stillman Co., 204 E. 43d St., New York.
	R. W. Whitehurst & Co., Norfolk, Va.
	Whitman Agricult'l Co., Clark Av. & 8th St., St. Louis, Mo.
B. BROOM CORN PRESSES.	Cardwell Machine Co., Richmond, Va.
	G. D. Colton & Co., Galesburg, Ill.
C. CLOTH PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	G. H. Bushnell Press Co., Thompsonville, Conn.
	P. K. Dederick's Sons, Albany, N. Y.
	Woonsocket Machine & Press Co., Woonsocket, R. I.
D. COTTON PRESSES.	W. T. Adams Machine Co., Corinth, Miss.
	American Cotton Bale Co., Chicago, Ill.
	Attalla Foundry & Machine Co., Attalla, Ala.
	Boomer & Boschert Press Co., Syracuse, N. Y.
	Cardwell Machine Co., Richmond, Va.
	Cheraw Hardware Supply Co., Cheraw, S. C.
	Chickasaw Iron Works, Memphis, Tenn.
	R. D. Cole Mfg. Co., Newman, Ga.
	P. K. Dederick's Sons, Albany, N. Y.
	Eagle Cotton Gin Co., Bridgewater, Mass.
	Geo. Ertel Co., Quincy, Ill.
	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
	Gullett Gin Co., Amite City, La.
	Charles E. Herrick, Northampton, Mass.
	Kingsland & Douglas Mfg. Co., St. Louis, Mo.
	Lebanon Mfg. Co., Lebanon, Pa.
	Liddell & Co., Charlotte, N. C.
	Livermore Foundry & Mach. Co., Memphis, Tenn.
	Lombard Iron Works & Supply Co., Augusta, Ga.
	Mecklenburg Iron Works, Charlotte, N. C.
	W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
	Munger Improved Cotton Mach. Mfg. Co., Dallas, Tex.
	Northington-Munger-Pratt Co., Birmingham, Ala.
	Progress Mfg. Co., Meridian, Miss.
	Reading Iron Co., Reading, Pa.
	St. Louis Iron & Mach. Co., St. Louis, Mo.
	J. S. Schofield, Sons & Co., Macon, Ga.
	Sinclair-Scott Co., Baltimore, Md.
	Smith Sons Gin & Mach. Co., Birmingham, Ala.
	Southern Agricultural Works, Atlanta, Ga.
	Southern Engine & Boiler Works, Jackson, Tenn.
	Stedman Foundry & Mach. Works, Aurora, Ind.
	Valk & Murdoch Iron Works, Charleston, S. C.
	E. Van Winkle Gin & Mach. Works, Atlanta, Ga.
	Walburn-Swenson Co., 944 Monadnock Bld- Chicago, Ill.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
	West Point Iron Works, West Point, Ga.
	R. W. Whitehurst & Co., Norfolk, Va.
	Winship Machine Co., Atlanta, Ga.
E. COTTON PRESSES, DOUBLE.	Winship Machine Co., Atlanta, Ga.
	Northington-Munger-Pratt Co., Birmingham, Ala.
F. COTTON PRESSES, SELF PACKING.	Kingsland Mfg. Co., St. Louis, Mo.
G. COTTON PRESS FORGINGS.	Duquesne Forge Co., Rankin, Pa.
H. COTTON PRESS INDICATORS.	T. Shaw, 915 Ridge Av., Philadelphia, Pa.
I. COTTON PRESS STEAM MUFFLERS.	T. Shaw, 915 Ridge Av., Philadelphia, Pa.
J. COTTON SEED HULL PRESSES.	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
K. CYLINDRICAL BALE COTTON PRESSES.	Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.
L. DRUG PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
	Watson-Stillman Co., 204 E. 43d St., New York.
M. EMERY WHEEL PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
N. EXCELSIOR PRESSES.	P. K. Dederick's Sons, Albany, N. Y.
O. FEED PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	P. K. Dederick's Sons, Albany, N. Y.
P. FERTILIZER PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
Q. FISH SCRAP PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
R. HAIR PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	Geo. H. Bushnell Press Co., Thompsonville, Conn.

	Cardwell Machine Co., Richmond, Va.
	P. K. Dederick's Sons, Albany, N. Y.
S. HAND HAY PRESSES.	J. A. C. Blackburn, Rogers, Ark.
	Chambers, Bering, Quinlan Co., Decatur, Ill.
	Winona Fence Co., Winona, Minn.
T. HAND POWER BALING PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
	R. W. Whitehurst & Co., Norfolk, Va.
U. HAY PRESSES.	Benicia Agricultural Works, Benicia, Cal.
	David Bradley Mfg. Co., Bradley, Ill.
	Castree & Shaw Co., Owosso, Mich.
	Collins Plow Co., Quincy, Ill.
	P. K. Dederick's Sons, Albany, N. Y.
	De Loach Mill Mfg. Co., Atlanta, Ga.
	Geo. Ertel Co., Quincy, Ill.
	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
	A. B. Farquhar & Co., York, Pa.
	James L. Haven Co., Cincinnati, O.
	Kansas City Hay Press Co., Kansas City, Mo.
	Meridian Hay Press Mfg. Co., Meridian, Miss.
	W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
	Progress Mfg. Co., Meridian, Miss.
	Robinson & Co., Richmond, Ind.
	Sandwich Mfg. Co., Sandwich, Ill.
	San Jose Agricultural Works, San Jose, Cal.
	Sherman Iron Works, Sherman, Tex.
	Sinclair-Scott Co., Baltimore, Md.
	R. W. Whitehurst & Co., Norfolk, Va.
	Whitman Agricultural Co., St. Louis, Mo.
V. HEMP PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
	P. K. Dederick's Sons, Albany, N. Y.
	Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
W. HERB PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	G. H. Bushnell Press Co., Thompsonville, Conn.
X. HIDE PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	Geo. H. Bushnell Press Co., Thompsonville, Conn.
	P. K. Dederick's Sons, Albany, N. Y.
	Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Y. HOP PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	Geo. H. Bushnell Press Co., Thompsonville, Conn.
	P. K. Dederick's Sons, Albany, N. Y.
	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
	L. C. Morehouse, San Leandro, Cal.
	B. Staubach, 652 E. 12th St., New York.
Z. HYDRAULIC BALING PRESSES.	Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
	Boomer & Boschert Press Co., Syracuse, N. Y.
	Geo. H. Bushnell Press Co., Thompsonville, Conn.
	Cardwell Machine Co., Richmond, Va.
AA. LEATHER BELTING PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	Watson-Stillman Co., 204 E. 43d St., New York.
BB. LEATHER PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	G. H. Bushnell Press Co., Thompsonville, Conn.
	Kinnard Press Co., Minneapolis, Minn.
	Ryther Mfg. Co., Watertown, N. Y.
	B. Staubach, 652 E. 12th St., New York.
CC. MOSS PRESSES.	Geo. H. Bushnell Press Co., Thompsonville, Conn.
	P. K. Dederick's Sons, Albany, N. Y.
	Geo. Ertel Co., Quincy, Ill.
DD. PACKING HOUSE PRESSES.	G. H. Bushnell Press Co., Thompsonville, Conn.
EE. PAPER SCRAP PRESSES.	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
FF. PAPER STOCK PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
GG. PLASTER PRESSES.	Great Western Mfg. Co., Leavenworth, Kan.
HH. RAG PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	G. H. Bushnell Press Co., Thompsonville, Conn.
	P. K. Dederick's Sons, Albany, N. Y.
	W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
	Sinclair-Scott Co., Baltimore, Md.
II. SHAVINGS PRESSES.	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
JJ. STEEL CASE HAY PRESSES.	Castree & Shaw Co., Owosso, Mich.
KK. STRAW PRESSES.	Collins Plow Co., Quincy, Ill.
	P. K. Dederick's Sons, Albany, N. Y.
	Robinson & Co., Richmond, Ind.
LL. TIN SCRAP PRESSES.	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
MM. TOBACCO PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	Hydraulic Press Mfg. Co., Mount Gilead, O.
	John H. McGowan Co., Cincinnati, O.
	I. S. Spencer's Sons, Guilford, Conn.

Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

NN. WOOL PRESSES.
Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
Cardwell Machine Co., Richmond, Va.
P. K. Dederick's Sons, Albany, N. Y.
Geo. Ertel Co., Quincy, Ill.
Kingsland Mfg. Co., St. Louis, Mo.
Kinnard Press Co., Minneapolis, Minn.
Ryther Mfg. Co., Watertown, N. Y.

OO. YARN PRESSES.
G. H. Bushnell Press Co., Thompsonville, Conn.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.

2189. PRESSES (EXPRESSOR).

A. CASTOR BEAN PRESSES.
G. H. Bushnell Press Co., Thompsonville, Conn.

B. CIDER PRESSES.
Advance Mfg. Co., Hamilton, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Boomer & Boschert Press Co., Syracuse, N. Y.
Brennan & Co., Louisville, Ky.
G. H. Bushnell Press Co., Thompsonville, Conn.
Geo. S. Comstock, Mechanicsburg, Pa.
J. E. Davis Co., 835 Old Colony Bldg., Chicago, Ill.
A. B. Farquhar & Co., York, Pa.
James L. Haven Co., Cincinnati, O.
Hocking Valley Mfg. Co., Lancaster, O.
H. N. Hubbard, 18 Cliff St., New York.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Keystone Farm Machine Co., Ltd., York, Pa.
Klotz & Kromer Mach. Co., Sandusky, O.
P. P. Mast & Co., Springfield, O.
Ewald Over, Indianapolis, Ind.
Sandusky Mach. & Agricult'l Wks., Sandusky, O.
B. Staubach, 652 E. 12th St., New York.
Superior Drill Co., Springfield, O.
Thomas-Albright Co., Goshen, Ind.
Tiffin Agricultural Works, Tiffin, O.
R. W. Whitehurst & Co., Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.

C. CLAY FILTER PRESSES.
G. H. Bushnell Press Co., Thompsonville, Conn.

D. COTTON SEED OIL PRESSES.
Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville ,Conn.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

E. FILTER PRESSES.
Edward P. Allis Co., Milwaukee, Wis.
G. H. Bushnell Press Co., Thompsonville, Conn.
J. E. Davis Co., 835 Old Colony Bldg., Chicago, Ill.
Fort Scott Foundry & Mach. Co., Fort Scott, Kan.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
D. R. Sperry & Co., Batavia, Ill.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.
Whitney Iron Works Co., New Orleans, La.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

F. FISH OIL PRESSES.
Watson-Stillman Co., 204 E. 43d St., New York.

G. FRUIT PRESSES.
Boomer & Boschert Press Co., Syracuse, N. Y.
Geo. H. Bushnell Press Co., Thompsonville, Conn.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
Sinclair-Scott Mfg. Co., Baltimore, Md.
R. W. Whitehurst & Co., Norfolk, Va.
Wood & Selick, 36 Hudson St., New York.

H. LARD PRESSES.
Ames Plow Co., Boston, Mass.
Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
M. L. Edwards Co., Salem, O.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Hocking Valley Mfg. Co., Lancaster, O.
Hydraulic Press Mfg. Co., Mount Gilead, O.
P. P. Mast & Co., Springfield, O.
Murray Iron Works Co., Burlington, Iowa.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
Silver Mfg. Co., Salem, O.
B. Staubach, 652 E. 12th St., New York.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

I. LINSEED OIL PRESSES.
G. H. Bushnell Press Co., Thompsonville, Conn.

J. MANDIOCA PRESSES.
Silver Mfg. Co., Salem, O.

K. OIL PRESSES.
Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.

Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
B. Staubach, 652 E. 12th St., New York.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Watson-Stillman Co., 204 E. 43d St., New York.

L. OIL PRESSES, HYDRAULIC. Bement, Miles & Co., 2001 Callowhill St., Philadelphia, Pa.
Boomer & Boschert Press Co., Syracuse, N. Y.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Geo. H. Bushnell Press Co., Thompsonville, Conn.

M. OLEOMARGARINE PRESSES. Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.

N. PARAFFINE OIL PRESSES. Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
Fairmount Machine Co., 2106 Wood St., Philadelphia, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

O. PARAFFINE WAX PRESSES. Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21

P. RAISIN PRESSES. Thomas-Albright Co., Goshen, Ind.

Q. TALLOW PRESSES. Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
M. L. Edwards Co., Salem, O.
Murray Iron Works Co., Burlington, Iowa.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
Silver Mfg. Co., Salem, O.

R. TINCTURE PRESSES. Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
J. H. Day & Co., Cincinnati, O.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

S. VARNISH FILTER PRESSES. G. H. Bushnell Press Co., Thompsonville, Conn.

T. WHITE LEAD FILTER PRESSES. G. H. Bushnell Press Co., Thompsonville, Conn.

U. WINE PRESSES. Ames Plow Co., Boston, Mass.
Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
George S. Comstock, Mechanicsburg, Pa.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
A. B. Farquhar & Co., York, Pa.
James L. Haven Co., Cincinnati, O.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
H. N. Hubbard, 18 Cliff St., New York.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Klotz & Kromer Mach. Co., Sandusky, O.
Keogh Mfg. Co., San Francisco, Cal.
Ewald Over, Indianapolis, Ind.
Sandusky Machine & Agricultural Wks., Sandusky, O.
Thomas-Albright Co., Goshen, Ind.

V. WOOD PULP PRESSES. Boomer & Boschert Press Co., Syracuse, N. Y.
G. H. Bushnell Press Co., Thompsonville, Conn.
Olin Scott, Bennington, Vt.
Trevor Mfg. Co., Lockport, N. Y.

2190. PRESSES, SHEET METAL WORKING.

A. COPPERSMITHS' PRESSES. Watson-Stillman Co., 204 E. 43d St., New York.

B. CUTTING PRESSES. Blake & Johnson, Waterbury, Conn.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
E. M. Lang Co., Portland, Me,
E. S. Stiles Press Co., Watertown, N. Y.
Toledo Machine & Tool Co., Toledo, O.

C. DRAWING PRESSES. Blake & Johnson, Waterbury, Conn.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
Ferracute Machine Co., Bridgeton, N. J.
Geo. A. Ohl & Co., Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.
E. S. Stiles Press Co., Watertown, N. Y.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

D. EMBOSSING PRESSES. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
S. C. Rogers & Co., Buffalo, N. Y.
Toledo Machine & Tool Co., Toledo, O.
Waterbury Farrel Foundry & Mach Co., Waterbury, Conn.
Watson-Stillman Co., 204 E. 43d St., New York.

E. REDUCING PRESSES. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
E. S. Stiles Press Co., Watertown, N. Y.

F. STAMPING PRESSES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	Jules Debeauvais, 2 Howard St., New York.
	A. H. Merriman, Meriden, Conn.
	Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
	E. S. Stiles Press Co., Watertown, N. Y.
	Fred. J. Swaine, St. Louis, Mo.
	Toledo Machine & Tool Co., Toledo, O.
G. TRIMMING PRESSES.	Billings & Spencer Co., Hartford, Conn.
	Pawtucket Mfg. Co., Pawtucket, R. I.
	Pratt & Whitney Co., Hartford, Conn.
	Toledo Machine & Tool Co., Toledo, O.

2191. PRESSURE REGISTERS.

A. GAS PRESSURE REGISTERS.	Helme & McIlhenny, 1339 Cherry St., Philadelphia, Pa.
	D. McDonald & Co., Albany, N. Y.
	National Meter Co., 84 Chambers St., New York.
	Nathaniel Tufts Meter Co., Boston, Mass.
B. VACUUM PRESSURE REGISTERS.	D. McDonald & Co., Alban, N. Y.
	National Meter Co., 84 Chambers St., New York.

2192. PRESSURE REGULATORS.

	G. M. Davis & Co., 100 N. Clinton St., Chicago, Ill.
	Foster Engineering Co., Newark, N. J.
	Wm. S. Haines Co., 136 S. 4th St., Philadelphia, Pa.
A. AIR PRESSURE REGULATORS.	D'Esté & Seeley Co., Boston, Mass.
	Mason Regulator Co., Boston, Mass.
	Ross Valve Co., Troy, N. Y.
B. ELEVATOR PRESSURE REGULATORS.	Mason Regulator Co., Boston, Mass.
C. GAS PRESSURE REGULATORS.	Ross Valve Co., Troy, N. Y.
	Union Water Meter Co., Worcester, Mass.
D. WATER PRESSURE REGULATORS.	Crosby Steam Gauge & Valve Co., Boston, Mass. *6
	D'Esté & Seeley Co., Boston, Mass.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Mason Regulator Co., Boston, Mass.
	H. Mueller Mfg. Co., Decatur, Ill.
	Nason Mfg. Co., 71 Beekman St., New York.
	Ross Valve Co., Troy, N. Y.
	Herman Strater & Sons, Boston, Mass.
	Worthington Pumping Eng. Co., 120 Liberty St., New York.

2193. PRINTERS' MACHINERY.

	Brass & Iron Works Co., Fostoria, O.
	Challenge Machinery Co., 2529 Leo St., Chicago, Ill.
	Chandler & Price Co., Cleveland, O.
	Franklin Machine Works, Inc., 506 Cuthbert St., Phila., Pa.
	Gordon Press Works, 99 Nassau St., New York.
	L. F. Grammes & Sons, Allentown, Pa.
	Howard Foundry & Mach Wks., 1744 Ludlow St., Phila., Pa.
	Kelsey Press Co., Meriden, Conn.
	MacKellar, Smith & Jordan, 606 Sansom St., Phila., Pa.
	Nichols & Langworthy Machine Co., Hope Valley, R. I.
	Potter Printing Press Co., Plainfield, N. J.
A. BAG PRINTING PRESSES.	Campbell Printing Press & Mfg. Co., 132 Mott St., N. York.
	C. B. Cottrell & Sons Co., 41 Park Row, New York.
	Cranston Printing Press Co., 205 Monroe St., Chicago, Ill.
B. BANK NOTE PRESSES.	Gould & Eberhardt, Newark, N. J.
C. BOOK PRINTING PRESSES.	Babcock Printing Press Mfg. Co., New London, Conn.
	Campbell Printing Press & Mfg. Co., 132 Mott St., N. York.
	C. B. Cottrell & Sons Co., 41 Park Row, New York.
	Cranston Printing Press Co., 205 Monroe St., Chicago, Ill.
	Duplex Printing Press Co., Battle Creek, Mich.
	R. Hoe & Co., 504 Grand St., New York.
	Huber Printing Press Co., Taunton, Mass.
	Kidder Press Mfg. Co., Boston, Mass.
	Miehle Print. Press & Mfg. Co., 274 Dearborn St., Chic., Ill.
	W. Scott & Co., Plainfield, N. J.
D. BOX PRINTING PRESSES.	Campbell Printing Press & Mfg. Co., 132 Mott St., N. York.
	Houchin & Huber, 39 53d St., Brooklyn, N. Y.
E. BRONZING & DUSTING MACHINES.	Emmerich & Vouderlehr, 191 Worth St., New York.
F. CARD PRINTING PRESSES.	Cranston Printing Press Co., 205 Monroe St., Chicago, Ill.
	Golding & Co., Boston, Mass.
	R. Hoe & Co., 504 Grand St., New York.
	Kelsey Press Co., Meriden, Conn.
	Liberty Machine Co., 140 Nassau St., New York.
G. CYLINDER PRINTING PRESSES.	Campbell Printing Press & Mfg. Co., Taunton, Mass.
	Child Acme Cutter & Press Co., Boston, Mass.
	C. B. Cottrell & Sons Co., 41 Park Row, New York.

Cranston Printing Press Co., 205 Monroe St., Chicago, Ill.
R. Hoe & Co., 504 Grand St., New York.
Kidder Press Mfg. Co., Boston, Mass.
Miehle Print. Press & Mfg. Co., 274 Dearborn St., Chic., Ill.
Potter Printing Press Co., Plainfield, N. J.
W. Scott & Co., Plainfield, N. J.
Walker Co., Madison, Wis.
Whitlock Machine Co., Derby, Conn.

H. JOB PRESSES. Barnhart Bros. & Spindler, 183 Monroe St., Chicago, Ill.
John H. Braunsdorf, Pearl River, New York.
Challenge Machinery Co., 2529 Leo St., Chicago, Ill.
Chandler & Price Co., Cleveland, O.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
J. F. W. Dooman Co., Baltimore, Md.
Golding & Co., Boston, Mass.
Gordon Press Works, Rahway, N. J.
Kidder Press Mfg. Co., Boston, Mass.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Liberty Machine Co., 140 Nassau St., New York.
Miehle Print. Press & Mfg. Co., 274 Dearborn St., Chic., Ill.
Geo. W. Prouty & Co., Boston, Mass.
Martin Rau, 44 Duane St., New York.
Walker Co., Madison, Wis.

I. JOB PRESSES, CYLINDER. Campbell Printing Press & Mfg. Co., Taunton, Mass.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
R. Hoe & Co., 504 Grand St., New York.
Kidder Press Mfg. Co., Boston, Mass.
Liberty Machine Co., 140 Nassau St., New York.
Walker Co., Madison, Wis.

J. JOB PRESSES, FOOT POWER. American Type Founders' Co., 25 William St., New York.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Golding & Co., Boston, Mass.
Gordon Press Works, Rahway, N. J.
Kidder Press Mfg. Co., Boston, Mass.
Liberty Machine Co., 140 Nassau St., New York.

K. LEVER HAND PRESSES. R. Hoe & Co., 504 Grand St., New York.

L. LINOTYPE MACHINES. Mergenthaler Linotype Co., Tribune Bldg., New York.

M. LITHOGRAPHIC PRESSES. Babcock Printing Press Mfg. Co., New London, Conn.
Campbell Printing Press & Mfg. Co., 132 Mott St., N. York.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Franklin Machine Works, Inc., 506 Cuthbert St., Phila., Pa.
W. Scott & Co., Plainfield, N. J.

N. LITHOGRAPHIC PRESSES, HAND. Howard Iron Works, Buffalo, N. Y.
Kidder Press Mfg. Co., Boston, Mass.

O. MAILING MACHINES. Addressograph Co., 173 S. Canal St., Chicago, Ill.
Robert Dick, Buffalo, N. Y.
R. Hoe & Co., 504 Grand St., New York.
Morgan & Wilcox Mfg. Co., Middletown, N. Y.

P. MONOGRAM PRESSES. Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
Martin Rau, 44 Duane St., New York.
T. P. Rosback, 41 S. Canal St., Chicago, Ill.

Q. NEWSPAPER PRESSES. Campbell Printing Press & Mfg. Co., 132 Mott St., N. York.
Challenge Machinery Co., 2529 Leo St., Chicago, Ill.
C. B. Cottrell & Sons Co., 41 Park Row, N. Y.
Cranston Printing Press Co., 205 Monroe St., Chicago, Ill.
Duplex Printing Press Co., Battle Creek, Mich.
R. Hoe & Co., 504 Grand St., New York.
Kidder Press Mfg. Co., Boston, Mass.
W. Scott & Co., Plainfield, N. J.

R. PAD PRESSES. C. M. Cott, Columbus, O.
Golding & Co., Boston, Mass.

S. PERFECTING TICKET PRESSES. C. W. Dickinson, Jr., Belleville, N. J.

T. PLATE PRINTING PRESSES. Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Kidder Press Mfg. Co., Boston, Mass.

U. PONY PRINTING PRESSES. Babcock Printing Press Mfg. Co., New London, Conn.
Campbell Printing Press & Mfg. Co., 132 Mott St., N. York.
Cranston Printing Press Co., 205 Monroe St., Chicago, Ill.
Kidder Press Mfg. Co., Boston, Mass.
Whitlock Machine Co., Derby, Conn.

V. PRINTING PRESS CHASES. Babcock Printing Press Mfg. Co., New London, Conn.
Chandler & Price Co., Cleveland, O.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Golding & Co., Boston, Mass.
R. Hoe & Co., 504 Grand St., New York.
Latham Machinery Co., 197 S. Canal St., Chicago, Ill.

		F. Wesel Mfg. Co., 82 Fulton St., New York.
W.	PRINTING PRESS COUNTERS.	Campbell Printing Press & Mfg. Co., Taunton, Mass. W. N. Durant, Milwaukee, Wis.
X.	PRINTING PRESS FEED GUIDES.	Edward L. Megill, 60 Duane St., New York.
Y.	PRINTING PRESS GAUGE PINS.	Edward L. Megill, 60 Duane St., New York.
Z.	PROOF PRESSES.	Chandler & Price Co., Cleveland, O. Golding & Co., Boston, Mass. R. Hoe & Co., 504 Grand St., New York. Kidder Press Mfg. Co., Boston, Mass. Latham Machinery Co., 197 S. Canal St., Chicago, Ill. Morgan & Wilcox Mfg. Co., Middletown, N. Y. F. Wesel Mfg. Co., 82 Fulton St., New York.
AA.	ROTARY PRINTING PRESSES.	Aluminum Plate & Press Co., 87 Nassau St., New York. C. B. Cottrell & Sons Co., 41 Park Row, New York.
BB.	SHEET PERFECTING PRINTING PRESSES.	Huber Printing Press Co., Taunton, Mass.
CC.	STOP CYLINDER PRESSES.	C. B. Cottrell & Sons Co., 41 Park Row, New York. Duplex Printing Press Co., Battle Creek, Mich.
DD.	TICKET PRINTING PRESSES.	Cranston Printing Press Co., 205 Monroe St., Chicago, Ill. R. Hoe & Co., 504 Grand St., New York. Kidder Press Mfg. Co., Boston, Mass.
EE.	TWO COLORED PRINTING ATTACHMENTS.	Adamson Typewriter Press Co., Muncie, Ind.
FF.	TWO COLOR PRESSES.	Campbell Printing Press & Mfg. Co., 132 Mott St., N. York. C. B. Cottrell & Sons Co., 41 Park Row, New York. Huber Printing Press Co., Taunton, Mass.
GG.	TWO REVOLUTION PRESSES.	Babcock Printing Press Mfg. Co., New London, Conn. Campbell Printing Press & Mfg. Co., 132 Mott St., N. York. C. B. Cottrell & Sons Co., 41 Park Row, N. Y. Cranston Printing Press Co., Chicago, Ill. Miehle Print. Press & Mfg. Co., 274 Dearborn St., Chic., Ill.
HH.	VARNISHING MACHINES.	Campbell Printing Press & Mfg. Co., 132 Mott St., N. York.
II.	WASHINGTON HAND PRESSES.	R. Hoe & Co., 504 Grand St., New York. Latham Machinery Co., 197 S. Canal St., Chicago, Ill.
JJ.	WEB PERFECTING PRESSES.	Duplex Printing Press Co., Battle Creek, Mich. R. Hoe & Co., 504 Grand St., New York. Kidder Press Mfg. Co., Boston, Mass. W. Scott & Co., Plainfield, N. J.
KK.	WOOD PRINTING PRESSES.	L. F. Grammes & Sons, Allentown, Pa. E. & B. Holmes Machinery Co., Buffalo, N. Y. Geo. W. Prouty & Co., Boston, Mass.
LL.	ZINCOGRAPHIC PRINTING PRESSES.	Huber Printing Press Co., Taunton, Mass.

2194. PRINTERS' TOOLS.

A.	BENZINE CANS.	R. Hoe & Co., 504 Grand St., New York. F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.
B.	BODKINS.	Draper, Williams Mfg. Co., Hawley St., Boston, Mass. R. Hoe & Co., 504 Grand St., New York. F. Wesel Mfg. Co., 82 Fulton St., New York.
C.	COMPOSING STICKS.	Chandler & Price Co., Cleveland, O. R. Hoe & Co., 504 Grand St., New York. Liberty Machine Co., 140 Nassau St., New York. Morgan & Wilcox Mfg. Co., Middletown, N. Y. F. Wesel Mfg. Co., 82 Fulton St., New York.
D.	CURVING MACHINES.	H. C. Hansen, 24 Hawley St., Boston, Mass. F. A. Ringler Co., 21 Barclay St., New York. *12
E.	GALLEYS.	American Type Founders' Co., 25 William St., New York. Barnhart Bros. & Spindler, 183 Monroe St., Chicago, Ill. Hamilton Mfg. Co., Two Rivers, Wis. R. Hoe & Co., 504 Grand St., New York. Liberty Machine Co., 140 Nassau St., New York. Heber Wells, 157 William St., New York. F. Wesel Mfg. Co., 82 Fulton St., New York.
F.	INK BRAYERS.	R. Hoe & Co., 504 Grand St., New York. F. Wesel Mfg. Co., 82 Fulton St., New York.
G.	INKING BALLS.	R. Hoe & Co., 504 Grand St., New York.
H.	LEAD & PLUG MOULDS.	Mather Mfg. Co., 734 Sansom St., Philadelphia, Pa.
I.	MITERING MACHINES.	American Type Founders' Co., 25 William St., New York. Chandler & Price Co., Cleveland, O. J. A. Fay & Egan Co., Cincinnati, O. R. Hoe & Co., 504 Grand St., New York. F. Wesel Mfg. Co., 82 Fulton St., New York.
J.	PRINTERS' KNIVES.	O. W. Bullock & Co., Springfield, Mass. Loring Coes & Co., Worcester, Mass.

R. Hoe & Co., 504 Grand St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

K. PRINTERS' MALLETS.
Hamilton Mfg. Co., Two Rivers, Wis.
R. Hoe & Co., 504 Grand St., New York.
Heber Wells, 157 William St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.
William & Marvin, Deep River, Conn.

L. PRINTERS' MITRE BOXES.
P. H. Bresnan Type Foundry Co., 17 Frankfort St., N. York.
R. Hoe & Co., 504 Grand St., New York.
Heber Wells, 157 William St., New York.
F. Wesel Mfg. Co., 82 Franklin St., New York.

M. PRINTERS' PLANERS.
P. H. Bresnan Foundry Co., New York.
Hamilton Mfg. Co., Two Rivers, Wis.
R. Hoe & Co., 504 Grand St., New York.
Kidder Press Mfg. Co., 24 Norfolk Av., Boston, Mass.
Morgan & Wilcox Mfg. Co., Middletown, N. Y.
F. Wesel Mfg. Co., 82 Fulton St., New York.

N. PRINTERS' RULES.
O. W. Bullock & Co., Springfield, Mass.
Chicago Brass Co., 76 Monroe St., Chicago, Ill.
H. C. Hansen, 24 Hawley St., Boston, Mass.
R. Hoe & Co., 504 Grand St., New York.
Heber Wells, 157 William St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

O. PRINTERS' SAWS.
R. Hoe & Co., 504 Grand St., New York.

P. PRINTERS' TWEEZERS.
O. W. Bullock & Co., Springfield, Mass.
F. Wesel Mfg. Co., 82 Fulton St., New York.

Q. RULE & LEAD CUTTERS.
Cephas R. Carver, 25 N. 7th St., Philadelphia, Pa.
Chandler & Price Co., Cleveland, O.
R. Hoe & Co., 504 Grand St., New York.
MacKellar, Smith & Jordan Co., 606 Sansom St., Phila., Pa.

R. SHOOTING STICKS.
Chandler & Price Co., Cleveland, O.
Golding & Co., Boston, Mass.
R. Hoe & Co., 504 Grand St., New York.
Morgan & Wilcox Mfg. Co., Middletown, N. Y.
South Side Mfg. Co., Petersburg, Va.
F. Wesel Mfg. Co., 82 Fulton St., New York.

S. SIDE & FOOT STICKS.
P. H. Bresnan Type Foundry Co., New York.

T. SLICE GALLEYS.
R. Hoe & Co., 504 Grand St., New York.
Heber Wells, 157 William St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

U. TYPE MEASURES.
F. Wesel Mfg. Co., 82 Fulton St., New York.
Westcott, Jewell Co., Seneca Falls, N. Y.

2195. PRODUCE SAMPLERS.

A. BUTTER SPADES.
Creamery Package Co., W. Washington St., Chicago, Ill.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Landers, Frary & Clark, New Britain, Conn.
Nichols Bros., Greenfield, Mass.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
John Russell Cutlery Co., Turner's Falls, Mass.
Sargent & Co., New Haven, Conn.

B. GRAIN SAMPLERS.
Herman Kohlbush, 59 Nassau St., New York.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Webster Mfg. Co., 133 S. Clinton St., Chicago, Ill.

C. HAM TRIERS.
William Johnson, Newark, N. J.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
L. & J. White Co., Buffalo, N. Y.

D. LARD SPADES.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.

2196. PROTRACTORS, BEVEL.

Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.
Athol Machine Co., Athol, Mass.
Coffin & Leighton, Syracuse, N. Y.
Standard Tool Co., Athol, Mass.
L. S. Starrett Co., Athol, Mass.
J. Stevens Arms & Tool Co., Chicopee Falls, Mass.

2197. PULVERIZING MACHINERY.

Jeffrey Mfg. Co., Columbus, O.
Peck, Stow & Wilcox Co., Southington, Conn.

2198. PUNCHES.

A. BELT PUNCHES.
Humason & Beckley Mfg. Co., New Britain, Conn.
New Doty Mfg. Co., Jonesville, Wis.

B. BULL PUNCHES.
Humason & Beckley Mfg. Co., New Britain, Conn.

C. CENTER PUNCHES.
Cushman Chuck Co., Hartford, Conn.
William Johnson, Newark, N. J.
L. S. Starrett Co., Athol, Mass.

D. COOPERS' PUNCHES.
Ohio Tool Co., Columbus, O.

E. DEEP GAP PUNCHES.
Toledo Machine & Tool Co., Toledo, O.

F. DRIVE PUNCHES.
Bemis & Call Hardware & Tool Co., Springfield, Mass.

G. EYELET PUNCHES.	Kraeuter Co., Newark, N. J.
H. HAND PUNCHES.	Buffalo Forge Co., Buffalo, N. Y.
	Fulton Iron & Engine Works, Detroit, Mich.
	New Doty Mfg. Co., Janesville, Wis.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Pond Machine Tool Co., Plainfield, N. J.
	Watson-Stillman Co., 210 E. 43d St., New York.
	West Mfg. Co., Buffalo, N. Y.
	Whitcomb Mfg. Co., 134 Gold St., Worcester, Mass.
I. LEVER PUNCHES.	Niagara Machine & Tool Works, Buffalo, N. Y.
J. NAIL PUNCHES.	Wheeling Hinge Co., Wheeling, W. Va.
K. PIN PUNCHES.	Tuck Mfg. Co., Brockton, Mass.
L. POWER PUNCHES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
M. PRICK PUNCHES.	C. E. Jennings & Co., 79 Reade St., New York.
	H. H. Mayhew & Co., Shelburne Falls, Mass.
	Tuck Mfg. Co., Brockton, Mass.
N. REVOLVING PUNCHES.	Kraeuter Co., Newark, N. J.
O. ROUND PUNCHES.	Tower & Lyon, 95 Chambers St., New York.
P. SPRING PUNCHES.	Bemis & Call Hardware & Tool Co., Springfield, Mass.
	Kraeuter Co., Newark, N. J.
	C. S. Osborne & Co., Newark, N. J.
Q. SQUARE PUNCHES.	Detroit Steel & Spring Co., Detroit, Mich.
R. STEEL PUNCHES.	Atha Tool Co., Newark, N. J.
	Iwan Bros., Streator, Ill.
	Whitman & Barnes Mfg. Co., Akron, O.
	Williams, White & Co., Moline, Ill.
2199. PUNCHES & DIES.	A. G. Burton & Son, 46 S. Clinton St., Chicago, Ill.
	J. F. W. Dorman Co., Baltimore, Md.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
A. DIE DOGS.	Billings & Spencer Co., Hartford, Conn.
	Putnam Machine Co., Fitchburg, Mass.
B. DIES.	Armstrong Mfg. Co., Bridgeport, Conn. *18
	Billings & Spencer Co., Hartford, Conn.
	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	F. S. & G. L. Brown, Baltimore, Md.
	Buescher Mfg. Co., Elkhart, Ind.
	W. H. Bunting & Son, 204 5th Av., Pittsburg, Pa.
	S. W. Card Mfg. Co., Mansfield, Mass.
	Chicago Model Works, 181 E. Madison St., Chicago, Ill.
	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	Denver Novelty Works Mfg. Co., Denver, Col.
	J. F. W. Dorman Co., Baltimore, Md.
	Ferracute Machine Co., Bridgeton, N. J.
	Samuel H. Harman, Bloomsberg, Pa.
	Hoggson & Pettis Mfg. Co., New Haven, Conn.
	Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
	Geo. M. Ness, Jr., 61 Fulton St., New York.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Pittsburg Steel Casting Co., Pittsburg, Pa.
	Pratt & Whitney Co., Hartford, Conn.
	Randall & Co., 802 W. 6th St., Cincinnati, O.
	Rosedale Foundry Co., Allegheny, Pa.
	D. Saunders' Sons, Yonkers, N. Y.
	E. S. Stiles Press Co., 243 Centre St., New York.
	Fred. J. Swaine, 207 Chestnut St., St. Louis, Mo.
	Toledo Machine & Tool Co., Toledo, O.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
C. STENCIL DIES.	Chrome Steel Works, Brooklyn, N. Y.
	Hoggson & Pettis Mfg. Co., New Haven, Conn.
	Geo. M. Ness, Jr., 61 Fulton St., New York.
	New York Stencil Works, 100 Nassau St., New York.
2200. QUILTERS.	Reuben H. Brown & Co., New Haven, Conn.
2201. RAILROAD TOOLS.	Anderson, Du Puy & Co., Pittsburg, Pa.
	Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
	Sheffield Car Co., Three Rivers, Mich.
	Verona Tool Works, Pittsburg, Pa.
A. COMBINED TRACK GAUGE & LEVEL.	Buda Foundry & Mfg. Co., Harvey, Ill.
B. LINING & TAMPING BARS.	Atha Tool Co., Newark, N. J.
	Abner Doble Co., San Francisco, Cal.
	Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
	Troy Steel Co., Troy, N. Y.
C. RAILROAD MAULS.	Atha Tool Co., Newark, N. J.
	Billings & Spencer Co., Hartford, Conn.
	Henry Cheney Hammer Co., Little Falls, N. Y.
	Collins Co., Collinsville, Conn.

C. Hammond & Son, Ogontz, Pa.
H. H. Harvey, Boston, Mass.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Pedrick & Ayer Co., 1001 Hamilton St., Philadelphia, Pa.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

D. RAILROAD PICKS.
Atha Tool Co., Newark, N. J.
Findlay Axe & Tool Co., Findlay, O.
Frankfort Handle Mfg. Co., Frankfort, Ind.
H. H. Harvey, Boston, Mass.
Iron City Tool Works, Ltd., Pittsburg, Pa.

E. RAILROAD SHOVELS.
Geo. Griffiths Co., 513 Locust St., Philadelphia, Pa.
Hussey, Binns & Co., Ltd., Pittsburg, Pa.
St. Louis Shovel Co., Duncan Av., St. Louis, Mo.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

F. RAILROAD SLEDGES.
Atha Tool Co., Newark, N. J.
Iron City Tool Works, Ltd., Pittsburg, Pa.

G. RAILROAD TRACK PUNCHES.
Atha Tool Co., Newark, N. J.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.

H. RAIL TONGS.
Atha Tool Co., Newark, N. J.
Byram & Co., Detroit, Mich.
Detroit Steel & Spring Co., Detroit, Mich.
Dickson Mfg. Co., Scranton, Pa.
Abner Doble Co., San Francisco, Cal.
H. H. Harvey, Boston, Mass.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Troy Steel Co., Troy, N. Y.

I. SPIKE EXTRACTORS.
Atha Tool Co., Newark, N. J.
H. H. Harvey, Boston, Mass.

J. STEEL RAIL SAWS.
Industrial Works, Bay City, Mich.

K. TRACK CHISELS.
Atha Tool Co., Newark, N. J.
Henry Cheney Hammer Co., Little Falls, N. Y.
Collins Co., Collinsville, Conn.
Detroit Steel & Spring Co., Detroit, Mich.
H. H. Harvey, Boston, Mass.
Heller Tool Co., Newark, N. J.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.

L. TRACK GAUGES.
Sheffield Car Co., Three Rivers, Mich.

2202. RANGE BUILDERS' TOOLS.
Toledo Machine & Tool Co., Toledo, O.

2203. RASPS.
Arcade File Works, 79 Reade St., New York.
G. & H. Barnett Co., 21 Richmond St., Philadelphia, Pa.
George Chatterton, Providence, R. I.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Heller & Bros., Newark, N. J.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Kearney & Foot Co., 102 Reade St., New York.
McCaffrey File Co., Inc., 1889 N. 5th St., Philadelphia, Pa.
Nicholson File Co., Providence, R. I.
Charles B. Paul, 467 Keap St., Brooklyn, N. Y.
Reynolds Bros., Columbus, O.
J. Barton Smith Co., N. 4th & Somerset Sts., Phila., Pa.

A. HORSE RASPS.
Arcade File Works, 79 Reade St., New York.
George Chatterton, Providence, R. I.
Heller & Bros., Newark, N. J.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Kearney & Foot Co., 102 Reade St., New York.
Nicholson File Co., Providence, R. I.

2204. REAMERS.
Empire Engine & Motor Co., Orangeburg, N. Y.
Standard Tool Co., Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.

A. ADJUSTABLE REAMERS.
Gould & Eberhardt, Newark, N. J.
Morse Twist Drill & Machine Co., New Bedford, Mass.
J. M. Rogers Boat, Gauge, Drill Wks., Gloucester City, N. J.
Standard Tool Co., Cleveland, O.

B. BELT REAMERS.
Billings & Spencer Co., Hartford, Conn.

C. BIT BRACE REAMERS.
Kraeuter Co., Newark, N. J.
H. H. Mayhew & Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Standard Tool Co., Cleveland, O.
Wells Bros. & Co., Greenfield, Mass.

D. CENTER REAMERS.
S. W. Card Mfg. Co., Mansfield, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.

Standard Tool Co., Cleveland, O.
Wiley & Russell Mfg. Co., Greenfield, Mass.

E. EXPANSION REAMERS.
S. W. Card Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co., Cleveland, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Standard Tool Co., Cleveland, O.

F. HAND REAMERS.
Kraeuter Co., Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.
D. Saunder's Sons, Yonkers, N. Y.

G. LOCOMOTIVE WORK REAMERS.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Putnam Machine Co., Fitchburg, Mass.
Standard Tool Co., Cleveland, O.

H. MACHINE REAMERS.
J. M. Rogers Boat, Gauge & Drill Wks., Glo'ster City, N. J.
D. Saunders' Sons, Yonkers, N. Y.

I. REAMER HOLDERS.
Billings & Spencer Co., Hartford, Conn.

J. SHELL REAMERS.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Standard Tool Co., Cleveland, O.

K. SQUARE REAMERS.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

L. TAPER PIN REAMERS.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., Cleveland, O.
Western Automatic Machine Co., Elyria, O.

M. TAPER REAMERS.
Gould & Eberhardt, Newark, N. J.
C. F. Hall, Son & Co., Skaneateles, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., Cleveland, O.
Wiley & Russell Mfg. Co., Greenfield, Mass.

2205. REFRIGERATING MACHINERY.

Edward P. Allis Co., Milwaukee, Wis.
Buffalo Refrigerating Mach. Co., Buffalo, N. Y.
Creamery Pack. Mfg. Co., 5 W. Washn. St., Chicago, Ill.
Crescent Iron Works, Springfield, Mo.
Murray Iron Works Co., Burlington, Iowa.
Newburg Ice Machine & Engine Co., Newburg, N. Y.
Penna. Iron Wks. Co., Lancaster Av. & N. 50th St., Phil., Pa.
Remington Machine Co., Wilmington, Del.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Triumph Electric & Ice Machine Co., Cincinnati, O.
Vilter Mfg. Co., Milwaukee, Wis.
Westinghouse Machine Co., 26 Cortlandt St., New York.
York Mfg. Co., York, Pa.

A. FREEZING ENGINES.
Dickson Mfg. Co., Scranton, Pa.
Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

B. ICE MACHINE CONDENSERS.
Goubert Mfg. Co., 14 Church St., New York.

C. ICE MACHINE FITTINGS.
Triumph Electric & Ice Machine Co., Cincinnati, O.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

D. ICE MACHINE GAUGES.
Standard Thermometer & Electric Co., Peabody, Mass.

E. ICE MACHINES.
Edward P. Allis Co., Milwaukee, Wis.
Arctic Ice Co., 26 Pike Bldg., Cincinnati, O.
Buffalo Refrigerating Machine Co., Buffalo, N. Y.
Case Refrigerating Machine Co., Buffalo, N. Y.
Columbus Iron Works Co., Columbus, Ga.
Cox & Sons Co., 215 Race St., Philadelphia, Pa.
Creamery Pack. Mfg. Co., 5 W. Washn. St., Chicago, Ill.
Crescent Iron Works, Springfield, Mo.
Fort Worth Iron Works, Fort Worth, Tex.
Frick Co., Waynesboro, Pa. *9
George S. Grier & Sons, Milford, Del.
Harrisburg Ice Machine Co., Harrisburg, Pa.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Isbell-Porter Co., Bridge & Ogden Sts., Newark, N. J.
Murray Iron Works Co., Burlington, Iowa.
N. O. Nelson Mfg. Co., 8th & St. Charles Sts., St. Louis, Mo.
Newburg Ice Machine & Engine Co., Newburg, N. Y.
Penna. Iron Wks. Co., Lancaster Av. & N. 50th St., Phil., Pa.
Remington Machine Co., Wilmington, Del.
Spangler Mfg. Co., York, Pa.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
Sulzer Machine Co., Louisville, Ky.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Triumph Electric & Ice Machine Co., Cincinnati, O.
Vilter Mfg. Co., Milwaukee, Wis.

Henry Vogt Machine Co., Louisville, Ky.
Westinghouse Machine Co., 26 Cortlandt St., New York.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
York Mfg. Co., York, Pa.

F. ICE MOULDS.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.

G. REFRIGERATING MACHINES.
Arctic Ice Co., 26 Pike Bldg., Cincinnati, O.
A. H. Barber Mfg. Co., 229 S. Water St., Chicago, Ill.
Case Refrigerating Machine Co., Buffalo, N. Y.
Frick Co., Waynesboro, Pa. *9
W. T. Garratt & Co., Inc., San Francisco, Cal.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Isbell-Porter Co., Bridge & Ogden Sts., Newark, N. J.
Murray Iron Works Co., Burlington, Iowa.
Reading Iron Co., Reading, Pa.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Sulzer Machine Co., Louisville, Ky.
Henry Vogt Machine Co., Louisville, Ky.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

2206. REPOUSSÉ TOOLS.
Snap & Tool Co., North Attleboro, Mass.
Thomas & Lowe Machinery Co., Providence, R. I.

2207. RICE MACHINERY.

A. RICE CLEANERS.
Grant-Ferris Co., Troy, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

B. RICE GRADERS.
Blymyer Iron Works Co., Cincinnati, O.
S. Howes Co., Silver Creek, N. Y.

C. RICE HARVESTERS.
Johnston Harvester Co., Batavia, N. Y.

D. RICE HULLERS.
Barnard & Leas Mfg. Co., Moline, Ill.
Blymyer Iron Works Co., Cincinnati, O.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.

E. RICE MILLING MACHINERY.
Barnard & Leas Mfg. Co., Moline, Ill.
Case Mfg. Co., Columbus, O.
Wm. Kehoe & Co., Savannah, Ga.
Nordyke & Marmon Co., Indianapolis, Ind.
John F. Noye Mfg. Co., Buffalo, N. Y.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Whitney Iron Works Co., New Orleans, La.

F. RICE POLISHERS.
Blymyer Iron Works Co., Cincinnati, O.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.

G. RICE REELS.
Barnard & Leas Mfg. Co., Moline, Ill.

H. RICE SCOURERS.
Barnard & Leas Mfg. Co., Moline, Ill.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.

I. RICE SEPARATORS.
Barnard & Leas Mfg. Co., Moline, Ill.
S. Howes Co., Silver Creek, N. Y.
Johnson & Field Co., Racine, Wis.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.

J. RICE THRESHERS.
Cardwell Machine Co., Richmond, Va.
Kingsland Mfg. Co., St. Louis, Mo.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Valk & Murdoch Iron Works, Charleston, S. C.

2208. RIVET SETS.
Atha Tool Co., Newark, N. J.
C. Drew & Co., Kingston, Mass.
William Johnson, Newark, N. J.
Kraeuter Co., Newark, N. J.
Ohio Tool Co., Columbus, O.
C. S. Osborne & Co., Newark, N. J.

A. SELF-FEEDING TUBULAR RIVET SETS.
C. Drew & Co., Kingston, Mass.
John Royle & Sons, Paterson, N. J.
Standard Rivet Co., 41 Lincoln St., Boston, Mass.
Tubular Rivet Co., 87 Lincoln St., Boston, Mass.

2209. ROAD BUILDING MACHINERY.
Harrisburg Foundry & Mach. Wks., Harrisburg, Pa.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Ewald Over, Indianapolis, Ind.

A. HORSE ROAD ROLLERS.
American Road Machine Co., Kenneth Square, Pa.
Thomas Carlin's Sons, Allegheny, Pa.
Enterprise Mfg. Co., Columbiana, O.

B. ROAD CRUSHERS.
American Road Machine Co., Kenneth Square, Pa.

C. ROAD GRADERS.
American Road Machine Co., Kenneth Square, Pa.
F. C. Austin Mfg. Co., Harvey, Ill.
Indiana Road Machine Co., Fort Wayne, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Ewald Over, Indianapolis, Ind.
San Jose Agricultural Works, San Jose, Cal.

Western Wheeled Scraper Co., Aurora, Ill.

D. ROAD LEVELERS.
American Road Machine Co., Kenneth Square, Pa.
F. C. Austin Mfg. Co., Harvey, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

E. ROAD MACHINES.
American Road Machine Co., Kenneth Square, Pa.
F. C. Austin Mfg. Co., Harvey, Ill.
Fleming Mfg. Co., Fort Wayne, Ind.
Western Wheeled Scraper Co., Aurora, Ill.

F. ROAD PLOWS.
Deere & Co., Moline, Ill.
W. C. Heller & Co., Montclair, N. J.

G. ROAD SCRAPERS.
American Road Machine Co., Kenneth Square, Pa.
American Steel Scraper Co., Sidney, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
F. C. Austin Mfg. Co., Harvey, Ill.
Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
E. Bement & Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
David Bradley Mfg. Co., Bradley, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lehr Agricultural Co., Fremont, O.
Moline Plow Co., Moline, Ill.
Sidney Steel Scraper Co., Sidney, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
J. Thompson & Sons Mfg. Co., Beloit, Wis.
Whitman Agricultural Co., St. Louis, Mo.

H. ROAD SCRAPERS, WHEELED.
American Road Machine Co., Kenneth Square, Pa.
American Steel Scraper Co., Sidney, O.
F. C. Austin Mfg. Co., Harvey, Ill.
David Bradley Mfg. Co., Bradley, Ill.
Fay Mfg. Co., Elyria, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Sidney Steel Scraper Co., Sidney, O.
Western Wheeled Scraper Co., Aurora, Ill.

I. STEAM ROAD ROLLERS.
F. C. Austin Mfg. Co., Harvey, Ill.
Buffalo Pitts Co., Buffalo, N. Y.
Enterprise Mfg. Co., Columbiana, O.
Harrisburg Foundry & Machine Works, Harrisburg, Pa.
James L. Haven Co., 56 Plum St., Cincinnati, O.
Indiana Road Machine Co., Fort Wayne, Ind.
O. S. Kelly Co., Springfield, O.
S. S. Messinger & Son, Tatamy, Pa.
Russell & Co., Massillon, O.

J. WAGON LOADERS.
Western Wheeled Scraper Co., Aurora, Ill.

2210. ROLLING PIN MACHINES.
C. O. & A. D. Porter, Grand Rapids, Mich.

2211. ROLLS.

A. BRASS ROLLS.
Granger Foundry & Machine Co., Providence, R. I.
Frank-Kneeland Machine Co., Pittsburg, Pa.

B. CALICO PRINTERS' ROLLS.
F. & G. M. Stone, Newark, N. J.
Taunton Copper Mfg. Co., Taunton, Mass.

C. CHILLED ROLLS.
Birmingham Iron Foundry, Birmingham, Conn.
Black & Clawson Co., Hamilton, O.
Cyrus Currier & Sons, Newark, N. J.
Farrel Foundry & Machine Co., Ansonia, Conn.
Edward Gough, Allentown, Pa.
Granger Foundry & Machine Co., Providence, R. I.
Kitson Machine Co., Lowell, Mass.
Lobdell Car Wheel Co., Wilmington, Del.
Mesta Machine Co., Pittsburg, Pa.
New Bedford Copper Co., New Bedford, Mass.
Phila. Rool & Machine Co., 23d & Washn. Av., Phila., Pa.
Riverside Foundry Co., Cleveland, O.
Totten & Hogg Iron & Steel Fdry. Co., Inc., Pittsburg, Pa.

D. CRUSHING ROLLS.
Edward P. Allis Co., Milwaukee, Wis.
G. H. Bushnell Press Co., Thompsonville, Conn.
Thomas Carlin's Sons, Allegheny, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
W. Hooglan & Sons Co., Rockaway, N. J.
Stearns Roger Mfg. Co., Denver, Col.

E. DRY SAND ROLLS.
Davenport Foundry & Machine Co., Davenport, Iowa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Johnson Co., Johnstown, Pa.
Mesta Machine Co., Pittsburg, Pa.
Phila. Roll & Machine Co., 23d & Washn. Av., Phila., Pa.
Riverside Foundry Co., Cleveland, O.
Totten & Hogg Iron & Steel Fdry. Co., Inc., Pittsburg, Pa.

F. EMBOSSING ROLLS.	F. & G. M. Stone, Newark, N. J.
G. ENGRAVED ROLLS.	Birmingham Iron Foundry, Birmingham, Conn.
	F. & G. M. Stone, Newark, N. J.
H. GRAY IRON ROLLS.	Beloit Iron Works, Beloit, Wis.
	Vulcan Iron Works, Wilkes-Barre, Pa.
I. IRON ROLLS.	Dilts Machine Works, Fulton, N. Y.
	Granger Foundry & Machine Co., Providence, R. I.
J. ROLL HOUSINGS.	Lobdell Car Wheel Co., Wilmington, Del.
	Mesta Machine Co., Pittsburg, Pa.
K. ROLL SHELLS.	Chester Steel Castings Co., 407 Sansom St., Phila., Pa.
	Taylor Iron & Steel Co., High Bridge, N. J.
L. ROUGHING ROLLS.	Duquesne Forge Co., Rankin, Pa.
M. STEAMING ROLLS.	N. E. Ventilating & Heating Co., Providence, R. I.
N. STEEL ROLLS.	Blake & Johnson, Waterbury, Conn.
	Lloyd Booth Co., Youngstown, O.
	A. Garrison Foundry Co., Pittsburg, Pa.
	Mesta Machine Co., Pittsburg, Pa.
	Samuel Trethewey & Co., Ltd., Pittsburg, Pa.
	Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
	Wetherill & Co., Chester, Pa.
O. WOODEN SCOURING ROLLS.	George Woolford, 2240 N. 9th St., Philadelphia, Pa.

2212. ROOFING PAPER SATURATING MACHINERY.

Moore & White Co., 15th St. & Lehigh Av., Phila., Pa.

2213. RUBBER MACHINERY.

	Birmingham Iron Foundry, Birmingham, Conn.
	Farrel Foundry Machine Co., Ansonia, Conn.
	Duncan Mackenzie, Trenton, N. J.
	Robt. Poole & Son Co., Baltimore, Md.
	John Royle & Sons, Straight & Essex Sts., Paterson, N. J.
	Wellman Sole Cutting Machine Co., Medford, Mass.
A. HAND ROLLERS & STITCHERS.	Hoggson & Pettis Mfg. Co., New Haven, Conn.
B. RUBBER KNIVES.	Wilbur Webster, East Jaffrey, N. H.
C. RUBBER MACHINERY ROLLS.	Farrel Foundry & Machine Co., Ansonia, Conn.
	Lobdell Car Wheel Co., Wilmington, Del.
	Robt. Poole & Son Co., Baltimore, Md.
D. RUBBER MOULDS.	Barbour-Stockwell Co., Cambridgeport, Mass.
	Brooks & Co., 8 Fulton St., New York.
	Empire Machine & Foundry Co., New Brunswick, N. J.
	Empire Rubber Co., Trenton, N. J.
	Hoggson & Pettis Mfg. Co., New Haven, Conn.
	Home Rubber Co., Trenton, N. J.
	National Machine Co., Boston, Mass.
	John Royle & Sons, Paterson, N. J.
	Wm. Steers, Boston, Mass.
E. VULCANIZING PRESSES.	Boomer & Boschert Press Co., Syracuse, N. Y.
	Geo. H. Bushnell Press Co., Thompsonville, Conn.

2214. RUBBER STAMP MAKING TOOLS.

Wm. A. Force & Co., 59 Beekman St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16

2215. RUFFLING MACHINES.

Singer Mfg. Co., 561 Broadway, New York.

2216. RULES.

A. ADVERTISING RULES.	National Advertising Co., Seneca Falls, N. Y.
	Westcott-Jewell Co., Seneca Falls, N. Y.
B. ARCHITECTS' RULES.	H. Chapin's Son Co., Pine Meadow, Conn.
C. BOARD RULES, HICKORY.	H. Chapin's Son Co., Pine Meadow, Conn.
	Lufkin Rule Co., Saginaw, Mich.
D. BOARD RULES, STEEL.	Lufkin Rule Co., Saginaw, Mich.
E. BOX WOOD RULES.	Belcher Bros. & Co., Irvington, N. J.
	H. Chapin's Son Co., Pine Meadow, Conn.
	Eberhard Faber, 545 Pearl St., New York.
	Stanley Rule & Level Co., New Britain, Conn.
	Stephens & Co., Riverton, Conn.
	Upson Nut Co., Unionville, Conn.
F. CALIPER RULES.	Athol Machine Co., Athol, Mass.
	Belcher Bros. & Co., Irvington, N. J.
	H. Chapin's Son Co., Pine Meadow, Conn.
	Standard Tool Co., Athol, Mass.
G. COMBINATION RULES.	Stephens & Co., Riverton, Conn.
H. DESK RULES.	L. S. Starrett Co., Athol, Mass.
	Westcott-Jewell Co., Seneca Falls, N. Y.
I. FOLDING RULES, STEEL.	Lufkin Rule Co., Saginaw, Mich.
J. FREIGHT RULES.	Belcher Bros. & Co., Irvington, N. J.

	H. Chapin's Sons Co., Pine Meadow, Conn.
	Lufkin Rule Co., Saginaw, Mich.
K. IRON RULES.	Brown & Sharpe Mfg. Co., Providence, R. I.
	Lane & Gale, Troy, N. Y.
	Peck, Stow & Wilcox Co., Southington, Conn.
L. IVORY RULES.	H. Chapin's Son Co., Pine Meadow, Conn.
	Stanley Rule & Level Co., New Britain, Conn.
	Stephens & Co., Riverton, Conn.
	Upson Nut Co., Unionville, Conn.
M. LOG RULES, HICKORY.	H. Chapin's Son Co., Pine Meadow, Conn.
	Lufkin Rule Co., Saginaw, Mich.
	N. W. Spaulding Saw Co., Fremont St., San Francisco, Cal
N. METRIC RULES.	Brown & Sharpe Mfg. Co., Providence, R. I.
	Sawyer Tool Co., Athol, Mass.
	L. S. Starrett Co., Athol, Mass.
O. PARALLEL RULES.	Belcher Bros. & Co., Irvington, N. J.
	Westcott-Jewell Co., Seneca Falls, N. Y.
P. PLATE GLASS RULES.	Belcher Bros. & Co., Irvington, N. J.
Q. SCHOOL RULES.	Westcott-Jewell Co., Seneca Falls, N. Y.
R. SHRINKAGE RULES.	Belcher Bros. & Co., Irvington, N. J.
	L. S. Starrett Co., Athol, Mass.
S. STEEL PERFORATING RULES.	H. C. Hansen, 24 Hawley St., Boston, Mass.
T. STEEL RULES.	Athol Machine Co., Athol, Mass.
	Brown & Sharpe Mfg. Co., Providence, R. I.
	Coffin & Leighton, Syracuse, N. Y.
	Lane & Gale, Troy, N. Y.
	Lufkin Rule Co., Saginaw, Mich.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Sawyer Tool Co., Inc., Fitchburg, Mass.
	Standard Tool Co., Athol, Mass.

2217. SADDLERS' MACHINERY & TOOLS.

A. COLLAR BLOCKS.	Randall & Co., 802 W. 6th St., Cincinnati, O.
B. COLLAR STIFFENING MACHINES, POWER.	Randall & Co., 802 W. 6th St., Cincinnati, O.
C. CUTTING BLOCKS.	Randall & Co., 802 W. 6th St., Cincinnati, O.
D. DASH STITCHING MACHINES.	Elliott Dash Stitching Machine Co., Buffalo, N. Y.
E. HARNESS AWLS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Duranoid Mfg. Co., Newark, N. J.
	C. S. Osborne & Co., Newark, N. J.
F. HARNESS LOOP MACHINES.	H. F. Osborne Co., Newark, N. J.
G. HARNESS MACHINERY.	B. Brownson & Co., St. Paul, Minn.
	Puritan Mfg. Co., 72 Lincoln St., Boston, Mass.
	Randall & Co., 802 W. 6th St., Cincinnati, O.
	Ross-Moyer Mfg. Co., Cincinnati, O.
H. HARNESS MAKERS' KNIVES.	C. S. Osborne & Co., Newark, N. J.
I. HARNESS MOULDS.	Randall & Co., 802 W. 6th St., Cincinnati, O.
J. HARNESS PRESSES.	H. F. Osborne Co., Newark, N. J.
	Randall & Co., 802 W. 6th St., Cincinnati, O.
K. HARNESS SEWING MACHINES.	National Sewing Machines Co., Boston, Mass.
	Singer Mfg. Co., 561 Broadway, New York.
L. LEATHER CREASING MACHINES.	H. F. Osborne Co., Newark, N. J.
	Randall & Co., 802 W. 6th St., Cincinnati, O.
	Edwin B. Stimpson & Son, 31 Spruce St., New York.
M. LOOP BOXES.	Randall & Co., 802 W. 6th St., Cincinnati, O.
N. REIN ROUNDERS.	C. S. Osborne & Co., Newark, N. J.
	Randall & Co., 802 W. 6th St., Cincinnati, O.
O. ROSETTE CUTTERS.	H. F. Osborne Co., Newark, N. J.
P. SADDLERS' CHANNELERS.	H. F. Osborne Co., Newark, N. J.
Q. SADDLERS' HAMMERS.	C. Hammond & Son, Ogontz, Pa.
	C. S. Osborne & Co., Newark, N. J.
R. SADDLERS' PUNCHES.	Tower & Lyon, 95 Chambers St., New York.
S. SADDLERS' RULES.	Belcher Bros. & Co., Irvington, N. J.
T. SADDLERS' TOOLS.	C. S. Osborne & Co., Newark, N. J.
	H. F. Osborne Co., Newark, N. J.
	Sargeant Mfg. Co., Newark, N. J.
	Fred. Winkler, Newark, N. J.
U. STITCHING HORSES.	Randall & Co., 802 W. 6th St., Cincinnati, O.
V. STRAP & TRACE TRIMMERS.	Randall & Co., 802 W. 6th St., Cincinnati, O.
W. STRAP SLITTING MACHINES.	Randall & Co., 802 W. 6th St., Cincinnati, O.

2218. SAIL MAKERS' PRICKERS.

Knapp & Cowles Mfg. Co., Bridgeport, Conn.

2219. SAILORS' PALMS.

Russell & Erwin Mfg. Co., 45 Chambers St., New York.

Union Hardware Co., Torrington, Conn.

2220. SALINOMETERS.
American Steam Gauge Co., Boston, Mass.
Ashcroft Mfg. Co., 111 Liberty St., New York.

2221. SALT WORKS MACHINERY.
Robt. Deeley & Co., 507 W. 32d St., New York.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
John Turl's Sons, 534 W. 28th St., New York.
Vulcan Iron Works, Wilkes-Barre, Pa.

2222. SAMPLING MACHINES.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.

2223. SAND BLAST MACHINES.
Falk Mfg. Co., Milwaukee, Wis.
B. C. & R. A. Tilghman, 1126 S. 11th St., Philadelphia, Pa.

2224. SAND FEEDING MACHINERY.
Frenier & Le Blanc, Rutland, Vt.

2225. SANDING MACHINES, FOUNDRY.
Bentel & Margedant Co., Hamilton, O.

2226. SAP EVAPORATORS.
Blymyer Iron Works Co., Cincinnati, O.
Vermont Farm Machine Co., Bellows Falls, Vt.

2227. SAW JOINTERS.
Pike Mfg. Co., Pike Station, N. H.

2228. SAWS & SAW BLADES.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Battle Creek Steam Pump Co., Battle Creek, Mich.
Geo. H. Bishop & Co., Lawrenceburg, Ind.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Phila. Rool & Machine Co., 23d & Washington Av., Phil., Pa.
Southern Saw Works, Atlanta, Ga.

A. BACK SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
National Saw Co., Newark, N. J.

B. BAND SAWS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., Washington Av., St. Louis, Mo.

C. BUTCHER & BILLET SAW WEBS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
National Saw Co., Newark, N. J.

D. CHAIR WEBS.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
National Saw Co., Newark, N. J.

E. COMBINATION SAWS.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
C. E. Jennings & Co., 79 Reade St., New York.
National Saw Co., Newark, N. J.

F. COMPASS SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
C. E. Jennings & Co., 79 Reade St., New York.
National Saw Co., Newark, N. J.
Tower & Lyon, 95 Chambers St., New York.

G. CROSS CUT SAWS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Branch Saw Co., St. Louis, Mo.
Curtis & Co. Mfg. Co., Washington Av., St. Louis, Mo.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
S. S. Messinger & Son, Tatamy, Pa.
National Saw Co., Newark, N. J.
Pacific Saw Mfg. Co., San Francisco, Cal.
Simonds Mfg. Co., Fitchburg, Mass.

H. CYLINDER SAWS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.

I. DEHORNING SAWS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20

J. DUPLEX SAWS.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.

K. FELLY WEBS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
National Saw Co., Newark, N. J.

L. FUTTOCK WEBS.
American Saw Co., Trenton, N. J.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
National Saw Co., Newark, N. J.

M. HACK SAWS.
American Saw Co., Trenton, N. J.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
C. E. Jennings & Co., 79 Reade St., New York.
Millers Falls Co., Millers Falls, Mass.
National Saw Co., Newark, N. J.
L. S. Starrett Co., Athol, Mass.
H. G. Thompson & Sons, New Haven, Conn.

	Tower & Lyon, 95 Chembers St., New York.
N. HAND SAWS.	American Saw Co., Trenton, N. J.
	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
	C. E. Jennings & Co., 79 Reade St., New York.
	National Saw Co., Newark, N. J.
	Pacific Saw Mfg. Co., San Francisco, Cal.
O. HAND TIMBER SAWS.	National Saw Co., Newark, N. J.
P. HEADING SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Q. HOLLOW BACK SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
R. JAPANESE SAWS.	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
	National Saw Co., Newark, N. J.
S. JIG SAWS.	John Royle & Sons, Straight & Essex Sts., Paterson, N. J.
T. KEYHOLE SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
U. KITCHEN SAWS.	American Saw Co., Trenton, N. J.
	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
	C. E. Jennings & Co., 79 Reade St., New York.
	National Saw Co., Newark, N. J.
	H. G. Thompson & Sons, New Haven, Conn.
V. METAL SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.
	L. S. Starrett Co., Athol, Mass.
W. MITRE BOX SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.
	Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
	National Saw Co., Newark, N. J.
X. MOVABLE BACK SAWS.	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Y. ONE MAN CROSS CUT SAWS.	American Saw Co., Trenton, N. J.
	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Famous Mfg. Co., 30 W. Randolph St., Chicago, Ill.
	National Saw Co., Newark, N. J.
Z. PANEL SAWS.	American Saw Co., Trenton, N. J.
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
	C. E. Jennings & Co., 79 Reade St., New York.
	National Saw Co., Newark, N. J.
AA. PIT SAWS.	American Saw Co., Trenton, N. J.
	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Baldridge & Hogan Saw Co., Cincinnati, O.
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.
	R. Hoe & Co., 504 Grand St., New York.
	National Saw Co., Newark, N. J.
	Pacific Saw Mfg. Co., San Francisco, Cal.
BB. SQUARE HOLE SAWS.	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
CC. TURNING SAW FRAMES.	H. Chapin's Son Co., Pine Meadow, Conn.
DD. TURNING SAWS.	American Saw Co., Trenton, N. J.
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.
	Branch Saw Co., St. Louis, Mo.
	H. Chapin's Son Co., Pine Meadow, Conn.
	C. E. Jennings & Co., 79 Reade St., New York.
	National Saw Co., Newark, N. J.
EE. TURNING SAW WEBS.	American Saw Co., Trenton, N. J.
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.
	National Saw Co., Newark, N. J.
FF. WHIP SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	W. B. Barry Saw & Supply Co., Indianapolis, Ind.
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
	National Saw Co., Newark, N. J.
GG. WOOD SAW BLADES.	American Saw Co., Trenton, N. J.
	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
	National Saw Co., Newark, N. J.
	J. Barton Smith Co., N. 4th & Somerset Sts., Phila., Pa.
	N. W. Spaulding Saw Co., Fremont St., San Francisco, Cal.
HH. WOOD SAWS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Baker Mfg. Co., Evansville, Wis.
	Hiram Deats, Jr., Pittstown, N. J.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	C. E. Jennings & Co., 79 Reade St., New York.
	Marseilles Mfg. Co., Marseilles, Ill.
	National Saw Co., Newark, N. J.
	Pacific Saw Mfg. Co., San Francisco, Cal.
	Sandwich Mfg. Co., Sandwich, Ill.
2229. SCOOPS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	Oliver Ames & Sons Corporation, North Easton, Mass.

W. J. Clark Co., Salem, O.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Geo. Griffith Co., 513 Locust St., Philadelphia, Pa.
Hussey, Binns & Co., Ltd., Pittsburg, Pa.
Joseph S. Kile, Jr., Hurleyville, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
H. M. Meyers Co., Beaver Falls, Pa.
Nordyke & Marmon Co., Indianapolis, Ind.
John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
Phila. Scoop Co., 134 N. 2d St., Philadelphia, Pa.
Thomas Rowland's Sons, 611 Bourse, Philadelphia, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
John Sommer's Son, Newark, N. J.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Troy Stamping Works, Troy, N. Y.

A. ALUMINUM SCOOPS.
Aluminum Sign & Novelty Co., 172 Locust St., Columbus, O.
Leonard D. Harrison, New Haven, Conn.

B. STEEL SCOOPS.
Avery Stamping Co., Cleveland, O.
Chisholm Steel Shovel Works, Cleveland, O.
Geo. Griffiths Co., 513 Locust St., Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

C. THUMB SCOOPS.
Central Stamping Co., 25 Cliff St., New York.
St. Louis Stamping Co., St. Louis, Mo.

D. VENEER SCOOPS.
H. Chapin's Son Co., Pine Meadow, Conn.
C. Drew & Co., Kingston, Mass.
C. E. Jennings & Co., 79 Reade St., New York.
Stanley Rule & Level Co., New Britain, Conn.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
Joel H. Woodman, Hoboken, N. J.

2230. SCRAPERS.

A. BARREL SCRAPERS.
C. S. Osborne & Co., Newark, N. J.

B. BOX SCRAPERS.
Dicke Tool Co., Downers Grove, Ill.
C. Drew & Co., Kingston, Mass.
Humason & Beckley Mfg. Co., New Britain, Conn.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Kraeuter Co., Newark, N. J.
E. C. Stearns & Co., Syracuse, N. Y.
Samuel C. Tatum Co., Cincinnati, O.
Baxter D. Whitney, Winchendon, Mass.

C. CABINET SCRAPERS.
American Saw Co., Trenton, N. J.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
National Saw Co., Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Samuel C. Tatum Co., Cincinnati, O.

D. COKE OVEN SCRAPERS.
Jenkins Iron & Tool Co., Bellefonte, Pa.
Kenney & Co., Scottdale, Pa.

E. FLUE SCRAPERS.
Fairies Mfg. Co., Decatur, Ill.
Jackson Flue Scraper Co., Jackson, Mich.
F. E. Kohler & Co., Canton, O.
Runge Mfg. Co., Meriden, Conn.
Sherwood Mfg. Co., Buffalo, N. Y.

F. MACHINISTS' SCRAPERS.
Nicholson File Co., Providence, R. I.

G. SHIP DECK SCRAPERS.
L. & I. J. White Co., Buffalo, N. Y.

H. SHIP SCRAPERS.
H. Chapin's Son Co., Pine Meadow, Conn.
Edwin Gilmore, Easton, Mass.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
John Stortz & Sons, 210 Vine St., Philadelphia, Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

I. SIDEWALK SCRAPERS.
F. E. Kohler & Co., Canton, O.

J. SNOW SCRAPERS.
A. J. Phillips Co., Fenton, Mich.

K. STABLE SCRAPERS.
A. J. Phillips Co., Fenton, Mich.

L. STEEL SCRAPERS.
Castree & Shaw Co., Owosso, Mich.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.

M. VENEER SCRAPERS.
Stanley Rule & Level Co., New Britain, Conn.

2231. SCREW DRIVERS.
Billings & Spencer Co., Hartford, Conn.
R. H. Brown & Co., New Haven, Conn.
Cincinnati Tool Co., Cincinnati, O.
Clayton Bros., Bristol, Conn.
L. M. De Vore & Co., Freeport, Ill.
Dicke Tool Co., Downers Grove, Ill.
Gay & Parsons, Augusta, Me.
C. E. Jennings, 79 Reade St., New York.
William Johnson, Newark, N. J.
C. J. Kimball Co., Bennington, N. H.

Knapp & Cowles Mfg. Co., Bridgeport, Conn.
H. H. Mayhew & Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
New England Specialty Co., North East, Mass.
Nickel Plate Mfg. Co., Meriden, Conn.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
North Bros. Mfg. Co., Lehigh Av. & American St., Phil., Pa.
C. S. Osborne & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Standard Tool Co., Cleveland, O.
Stanley Rule & Level Co., New Britain, Conn.
L. S. Starrett Co., Athol, Mass.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.
Gilbert T. Sutterley & Co., 38 N. 6th St., Philadelphia, Pa.
Jas. Swan Co., Seymour, Conn.
Tower & Lyon, 95 Chambers St., New York.
Tuck Mfg. Co., Brockton, Mass.
Union Hardware Co., Torrington, Conn.
Whitman & Barnes Mfg. Co., Akron, O.
T. R. Woodward, Hill, N. H.

A. COMBINED SCREW & DRILL DRIVERS. H. Mueller Mfg. Co., Decatur, Ill.

B. POCKET SCREW DRIVERS. Miller Lock Co., 4523 Tacony St., Philadelphia, Pa.
L. S. Starrett Co., Athol, Mass.

C. RATCHET SCREW DRIVERS. Gay & Parsons, Augusta, Me.
North Bros. Mfg. Co., Lehigh Av. & American St., Phil., Pa.
J. H. Williams & Co., 8 Bowne St., Brooklyn, N. Y. *10

D. REVERSIBLE BIT SCREW DRIVERS. H. Mueller Mfg. Co., Decatur, Ill.

E. SCREW DRIVER SETS. Tower & Lyon, 95 Chambers St., New York.

F. SEWING MACHINE SCREW DRIVERS. H. M. Norton & Co., Chester, Conn.

G. SPECIAL SCREW DRIVERS. H. Mueller Mfg. Co., Decatur, Ill.

H. SPIRAL SCREW DRIVERS. North Bros. Mfg. Co., Lehigh Av. & American St., Phil., Pa.

2232. SCREW PLATES.
Billings & Spencer Co., Hartford, Conn.
Butterfield & Co., Derby Line, Vt.
S. W. Card Mfg. Co., Mansfield, Mass.
J. W. Carpenter Tap & Die Co., Pawtucket, R. I.
Champion Blower & Forge Co., Lancaster, Pa.
Hart Mfg. Co., Cleveland, O.
Holroyd & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Walworth Mfg. Co., Boston, Mass.
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

2233. SCRIBERS. L. S. Starrett Co., Athol, Mass.

2234. SEWING MACHINE ACCESSORIES.
Domestic Mfg. Co., 136 Water St., New York.
New Home Sewing Machine Co., 28 Union Square, N. York.
Singer Mfg. Co., 561 Broadway, New York.
Standard Sewing Machine Co., Cleveland, O.
Wheeler & Wilson Mfg. Co., Bridgeton, Conn.
White Sewing Machine Co., Cleveland, O.

2235. SEWING MACHINE ATTACHMENTS.
Greist Mfg. Co., Westville, Conn.
Johnston Ruffler Co., Ottumwa, Iowa.
Kruse & Murphy Mfg. Co., 457 W. 26th St., New York.
Lenox Mfg. Co. of Penn., Allentown, Pa.
Singer Mfg. Co., 561 Broadway, New York.
Edwin J. Toof, New Haven, Conn.

2236. SEWING MACHINE PARTS.
Domestic Mfg. Co., 136 Water St., New York.
Singer Mfg. Co., 561 Broadway, New York.
Edwin J. Toof, New Haven, Conn.

A. SEWING MACHINE TREADLES. Slotkin & Praglin, 58 Rutgers St., New York.

2237. SEWING MACHINES.
Domestic Mfg. Co., 136 Water St., New York.
Florence Machine Co., Florence, Mass.
Granger Foundry & Machine Co., Providence, R. I.
Illinois Sewing Machine Co., Rockford, Ill.
Pan-American Sewing Mach. Co., 113 Pearl St., New York
Singer Mfg. Co., 561 Broadway, New York.
Standard Sewing Machine Co., Cleveland, O.
A. H. Tennis, 34 Union Square, New York.

	White Sewing Machine Co., Cleveland, O.
A. AUTOMATIC SEWING MACHINES.	Kruse & Murphy Mfg. Co., 457 W. 26th St., New York.
	Singer Mfg. Co., 561 Broadway, New York.
B. BAG SEWING MACHINES.	Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill.
	Willcox & Gibbs Sewing Mach. Co., 658 B'way, New York.
C. BELT SEWING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
D. BROOM SEWING MACHINES.	Hand-Stitch Broom Sewing Mach. Co., Pittsburg, Pa.
E. BUTTONHOLE SEWING MACHINES.	Amer. B. H. O. & S. Mach. Co., 1000 Arch St., Phila., Pa.
	National Machine Co., 561 Broadway, New York.
	Reece Button Hole Mach. Co., Boston, Mass.
	Singer Mfg. Co., 561 Broadway, New York.
	Standard Sewing Machine Co., Cleveland, O.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
F. BUTTON SEWING MACHINES.	Morley Button Sewing Machine Co., Boston, Mass.
	National Machine Co., 561 Broadway, New York.
	Singer Mfg. Co., 561 Broadway, New York.
	Union Button Sewing Mach. Co., Boston, Mass.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
G. CARPET SEWING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
	J. C. Taft, Providence, R. I.
H. CHAIN STITCH SEWING MACHINES.	Kruse & Murphy, 457 W. 26th St., New York.
	Singer Mfg. Co., 561 Broadway, New York.
	Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill.
	Willcox & Gibbs Sewing Mach. Co., 658 B'way, New York.
I. CORSET STITCHING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
J. CYLINDER SEWING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
	A. H. Tennis, 34 Union Square, New York.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
K. DOUBLE HEAD SEWING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
	A. H. Tennis, 34 Union Square, New York.
L. DOUBLE NEEDLE SEWING MACHINES.	Domestic Mfg. Co., 136 Water St., New York.
	Kruse & Murphy, 457 W. 26th St., New York.
	Singer Mfg. Co., 561 Broadway, New York.
	Standard Sewing Mach. Co., Cleveland, O.
	Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
M. FANCY STITCH SEWING MACHINES.	Domestic Mfg. Co., 136 Water St., New York.
	New Home Sewing Mach. Co., Orange, Mass.
	Singer Mfg. Co., 561 Broadway, New York.
	Standard Sewing Machine Co., Cleveland, O.
	Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
N. FUR SEWING MACHINES.	L. Bulaskey, 173 Prince St., New York.
	Excelsior Sewing Mach. Co., 584 Hudson St., New York.
	Singer Mfg. Co., 561 Broadway, New York.
O. GLOVE POINTING MACHINES.	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
P. GLOVE STITCHING MACHINES.	Excelsior Sewing Mach. Co., 584 Hudson St., New York.
	Singer Mfg. Co., 561 Broadway, New York.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
Q. HAND SEWING MACHINES.	Amer. B. H. O. & S. Mach. Co., 1000 Arch St., Phila., Pa.
	Davis Sewing Machine Co., Dayton, O.
	Domestic Mfg. Co., 136 Water St., New York.
	New Home Sewing Mach. Co., 28 Union Square, N. York.
	Pan-American Sewing Mach. Co., 113 Pearl St., New York.
	Remington Arms Co., Ilion, N. Y.
	Singer Mfg. Co., 561 Broadway, New York.
	Standard Sewing Machine Co., Cleveland, O.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
	White Sewing Machine Co., Cleveland, O.
	Willcox & Gibbs Sewing Mach. Co., 658 B'way, New York.
R. HAND SINGLE THREAD SEWING MACHINES.	Pan-American Sewing Mach. Co., 113 Pearl St., New York.
S. HAT BINDING MACHINES.	Bracher & Gammons, New York.
	Excelsior Sewing Mach. Co., 584 Hudson St., New York.
	Singer Mfg. Co., 561 Broadway, New York.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
T. HAT SEWING MACHINES.	Excelsior Sewing Mach. Co., 584 Hudson St., New York.
U. HAT SWEAT STITCHING MACHINES.	Excelsior Sewing Mach. Co., 584 Hudson St., New York.
	Singer Mfg. Co., 561 Broadway, New York.
	Standard Sewing Mach. Co., Cleveland, O.
	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
V. HEM STITCH SEWING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
	Standard Sewing Mach. Co., Cleveland, O.

	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
W. HORSE BOOT SEWING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
X. LEATHER STITCHING MACHINES.	Elliott Dash Stitching Mach. Co., Buffalo, N. Y. Singer Mfg. Co., 561 Broadway, New York. Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
Y. LOCK STITCH SEWING MACHINES.	Chicago Scale Co., 296 Jackson Boulevard, Chicago, Ill. Chicago Sewing Mach. Co., 42 N. Halsted St., Chicago, Ill Davis Sewing Machine Co., Dayton, O. Domestic Mfg. Co., 136 Water St., New York. Florence Machine Co., Florence, Mass. Granger Foundry & Mach. Co., Providence, R. I. Household Sewing Mach. Co., Providence, R. I. Illinois Sewing Mach. Co., Rockford, Ill. New Home Sewing Mach. Co., 28 Union Square, N. York. Pan-American Sewing Mach. Co., 133 Pearl St., New York Singer Mfg. Co., 561 Broadway, New York. Standard Sewing Mach. Co., Cleveland, O. A. H. Tennis, 34 Union Square, New York. Union Mfg. Co., Toledo, O. Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill Wheeler & Wilson Mfg. Co., Bridgeport, Conn. White Sewing Mach. Co., Cleveland, O.
Z. MAIL BAG SEWING MACHINES.	Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill
AA. OSCILLATING SHUTTLE SEWING MACHINES.	Singer Mfg. Co., 561 Broadway, New York.
BB. OVERSEAMING SEWING MACHINES.	Amer. B. H. O. & S. Mach. Co., 1000 Arch St., Phila., Pa. Merrow Machine Co., Hartford, Conn. Singer Mfg. Co., 561 Broadway, New York. Standard Sewing Mach. Co., Cleveland, O. Wheeler & Wilson Mfg. Co., Bridgeport, Conn. Willcox & Gibbs Sewing Mach. Co., 658 B'way, New York
CC. SERGING MACHINES.	Singer Mfg. Co., 561 Broadway, New York. Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
DD. SPECIAL SEWING MACHINES.	A. H. Tennis, 34 Union Square, New York. Union Special Sew. Mach. Co., 60 Michigan St., Chicago, Ill
EE. SPOKE-STITCH MACHINES.	Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
FF. STRAW HAT SEWING MACHINES.	Willcox & Gibbs Sewing Mach. Co., 658 B'way, New York
GG. WAX THREAD SEWING MACHINES.	Puritan Mfg. Co., 72 Lincoln St., Boston, Mass.

2238. SHEET METAL MACHINES & TOOLS.

A. BEADING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y. G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill. Niagara Machine & Tool Wks., Buffalo, N. Y. Peck, Stow & Wilcox Co., Southington, Conn. West Mfg. Co., Buffalo, N. Y.
B. BENDING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y. Geo. C. Keene & Co., Cincinnati, O. National Machinery Co., Tiffin, O. Niagara Machine & Tool Works, Buffalo, N. Y. Geo. A. Ohl & Co., Newark, N. J. Peck, Stow & Wilcox Co., Southington, Conn. West Mfg. Co., Buffalo, N. Y.
C. BUMPING PRESSES.	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill. West Mfg. Co., Buffalo, N. Y.
D. BURRING MACHINES.	Atlas Mfg. Co., Newark, N. J. Niagara Machine & Tool Works, Buffalo, N. Y. Peck, Stow & Wilcox Co., Southington, Conn. James Smith Woolen Mach. Co., 411 Race St., Phila., Pa. West Mfg. Co., Buffalo, N. Y.
E. CAN MAKERS' MACHINERY.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y. G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill. Ferracute Machine Co., Bridgeton, N. J. E. M. Lang Co., Portland, Me. E. S. Stiles Press Co., Watertown, N. Y. West Mfg. Co., Buffalo, N. Y.
F. CAN MAKERS' TOOLS.	Ayars Machine Co., Salem, N. J. E. W. Bliss Co., Plymouth St., Brooklyn, N. Y. Ferracute Machine Co., Brigeton, N. J. E. M. Lang Co., Portland, Me. Niagara Machine & Tool Works, Buffalo, N. Y. E. S. Stiles Press Co., Watertown, N. Y. West Mfg. Co., Buffalo, N. Y.

G. CAN PRESSES.	E. M. Lang Co., Portland, Me.
	F. A. Robbins Press Works, Inc., San Francisco, Cal.
	West Mfg. Co., Buffalo. N. Y.
	T. Wold & Co., 64 N. Jefferson St., Chicago, Ill.
H. CAPPING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	Cox Bro. & Co., Bridgeton, N. J.
	E. M. Lang Co., Portland, Me.
	Maryland Mfg. & Construction Co., Baltimore, Md.
	West Mfg. Co., Buffalo, N. Y.
I. CAPPING STEELS.	Clark Novelty Co., Rochester, N. Y.
J. CORNICE MACHINES.	Geo. C. Keene & Co., Cincinnati, O.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Geo. A. Ohl & Co., Newark, N. J.
	Peck, Stow & Wilcox Co., Southington, Conn.
	West Mfg. Co., Buffalo, N. Y.
K. CORRUGATING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	Geo. C. Keene & Co., Cincinnati, O.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	West Mfg. Co., Buffalo, N. Y.
L. CRIMPING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	Geo. C. Keene & Co., Cincinnati, O.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Geo. A. Ohl, Newark, N. J.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Poorman Mfg. Co., Piqua, O.
	West Mfg. Co., Buffalo, N. Y.
M. DIES, TINNERS'.	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	E. M. Lang Co., Portland, Me.
	West Mfg. Co., Buffalo, N. Y.
N. DOUBLE SEAMING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	Dwight Slate Machine Co., Hartford, Conn.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Stark Machine & Tool Co., Buffalo, N. Y.
	Toledo Machine & Tool Co., Toledo, O.
O. FIRE POTS, GASOLINE.	Clayton & Lambert Mfg. Co., Ypsilanti, Mich.
P. FIRE POTS, TINNERS'.	Ennis Specialty Co., Troy, N. Y.
	Fulton Iron & Engine Works, Detroit, Mich.
	E. M. Lang Co., Portland, Me.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Sidney Shepard & Co., Buffalo, N. Y.
	Troy Stamping Works, Troy, N. Y.
	West Mfg. Co., Buffalo, N. Y.
Q. FLANGING MACHINES.	Detrick & Harvey Mach. Co., Baltimore, Md.
	Excelsior Sewing Mach. Co., 854 Hudson St., New York.
	Geo. C. Keene & Co., Cincinnati, O.
	Morgan Engineering Co., Alliance, O.
	West Mfg. Co., Buffalo, N. Y.
R. FOLDING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Peck, Stow & Wilcox Co., Southington, Conn.
	West Mfg. Co., Buffalo, N. Y.
S. FORMING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
	Coulter & McKenzie Mach. Co., Bridgeport, Conn.
	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	Howard Foundry & Mach. Wks., 1744 Ludlow St., Phil., Pa.
	E. M. Lang Co., Portland, Me.
	National Machinery Co., Tiffin, O.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Peck, Stow & Wilcox Co., Southington, Conn.
	E. S. Stiles Press Co., Watertown, N. Y.
	West Mfg. Co., Buffalo, N. Y.
T. GROOVERS.	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
	William Johnson, Newark, N. J.
	Niagara Machine & Tool Works, Buffalo, N. Y.
	Peck, Stow & Wilcox Co., Southington, Conn.
	West Mfg. Co., Buffalo, N. Y.
U. GUTTER MACHINES.	Niagara Machine & Tool Works, Buffalo, N. Y.
	Peck, Stow & Wilcox Co., Southington, Conn.
	West Mfg. Co., Buffalo, N. Y.
V. MALLETS, TINNERS'.	Peck, Stow & Wilcox Co., Southington, Conn.
	E. C. Stearns & Co., Syracuse, N. Y.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

		Williams & Marvin, Deep River, Conn.
W.	NOTCHING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
		Peck, Stow & Wilcox Co., Southington, Conn.
		E. S. Stiles Press Co., Watertown, N. Y.
		West Mfg. Co., Buffalo, N. Y.
X.	PUNCHES, TINNERS'.	William Johnson, Newark, N. J.
		H. M. Norton & Co., Chester, Conn.
		Peck, Stow & Wilcox Co., Southington, Conn.
		Toledo Machine & Tool Co., Toledo, O.
		Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
		West Mfg. Co., Buffalo, N. Y.
Y.	SEAMING MACHINES.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
		Fred. J. Swaine, 207 Chestnut St., St. Louis, Mo.
		West Mfg. Co., Buffalo, N. Y.
Z.	SHEARS, CIRCULAR.	Gould & Eberhardt, Newark, N. J.
		A. H. Merriman, Meriden, Conn.
		Niagara Machine & Tool Works, Buffalo, N. Y.
		Peck, Stow & Wilcox Co., Southington, Conn.
		E. S. Stiles Press Co., Watertown, N. Y.
		Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
		West Mfg. Co., Buffalo, N. Y.
AA.	SHEARS, SCROLL.	Geo. A. Ohl & Co., Newark, N. J.
		West Mfg. Co., Buffalo, N. Y.
BB.	SHEARS, SQUARING.	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
		Geo. C. Keene & Co., Cincinnati, O.
		Mesta Machine Co., Lewis Block, Pittsburg, Pa.
		Niagara Machine & Tool Works, Buffalo, N. Y.
		Geo. A. Ohl & Co., Newark, N. J.
		Peck, Stow & Wilcox Co., Southington, Conn.
		E. S. Stiles Press Co., Watertown, N. Y.
		Toledo Machine & Tool Co., Toledo, O.
		Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
		West Mfg. Co., Buffalo, N. Y.
CC.	SHEET METAL PRESSES.	Geo. A. Ohl & Co., Newark, N. J.
		West Mfg. Co., Buffalo, N. Y.
DD.	SNIPS, TINNERS'.	Acme Shear Co., Bridgeport, Conn.
		R. Heinisch's Sons Co., Newark, N. J.
		Herbrand Co., Fremont, O.
		Niagara Machine & Tool Works, Buffalo, N. Y.
		Peck, Stow & Wilcox Co., Southington, Conn.
		Seymour Cutlery Co., Holyoke, Mass.
		West Mfg. Co., Buffalo, N. Y.
		J. Wiss & Sons, Newark, N. J.
EE.	SOLDER CUTTERS.	E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
		G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
		West Mfg. Co., Buffalo, N. Y.
FF.	SOLDERING BLOCKS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
		E. A. Williams & Son, Jersey City, N. J.
GG.	SOLDERING COPPERS.	Ansonia Brass & Copper Co., Ansonia, Conn.
		Covert Mfg. Co., West Troy, N. Y.
		C. G. Hussey & Co., Pittsburg, Pa.
		Peck, Stow & Wilcox Co., Southington, Conn.
		A. Schultz & Co., Baltimore, Md.
		Sidney Shepard & Co., Buffalo, N. Y.
		Stover Mfg. Co., Freeport, Ill.
		West Mfg. Co., Buffalo, N. Y.
HH.	SOLDERING IRONS, ELECTRIC.	American Electrical Heater Co., Detroit, Mich.
II.	SOLDERING MACHINES.	G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
		Ferracute Machine Co., Bridgeton, N. J.
		E. M. Lang Co., Portland, Me.
		Toledo Machine & Tool Co., Toledo, O.
		West Mfg. Co., Buffalo, N. Y.
JJ.	SOLDERING NIPPLES.	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
		H. Mueller Mfg. Co., Decatur, Ill.
		James Robertson Mfg. Co., Baltimore, Md.
		West Mfg. Co., Buffalo, N. Y.
KK.	SOLDERING POTS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
		Griswold Mfg. Co., Erie, Pa.
		Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
		West Mfg. Co., Buffalo, N. Y.
LL.	SOLDERING SETS.	W. L. Barrett, Bristol, Conn.
MM.	SOLDER MOULDS.	Brooks & Co., 8 Fulton St., New York.
		G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
		Griswold Mfg. Co., Erie, Pa.
		C. S. Osborne & Co., Newark, N. J.

NN. SQUEEZERS.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
West Mfg. Co., Buffalo, N. Y.

OO. STAKES, TINNERS'.
Niagara Machine & Tool Works, Buffalo, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
West Mfg. Co., Buffalo, N. Y.

PP. SWAGING MACHINES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Excelsior Needle Co., Torrington, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
West Mfg. Co., Buffalo, N. Y.

QQ. TIN ROOFING MACHINES.
Geo. C. Keene & Co., Cincinnati, O.
Peck, Stow & Wilcox Co., Southington, Conn.
West Mfg. Co., Buffalo, N. Y.

RR. TIN ROOFING TOOLS.
Niagara Machine & Tool Works, Buffalo, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.
M. R. Warner & Son, Cromwell, Conn.
West Mfg. Co., Buffalo, N. Y.

SS. TINSMITHS' MACHINES.
Peck, Stow & Wilcox Co., Southington, Conn.
Poorman Mfg. Co., Piqua, O.
West Mfg. Co., Buffalo, N. Y.

TT. TINSMITHS' RULES.
Lufkin Rule Co., Saginaw, Mich.

UU. TINSMITHS' TOOLS.
Bertsch & Co., Cambridge City, Ind.
F. S. & G. L. Brown, Baltimore, Md.
Calvert & Holloway, 68 N. 2d St., Philadelphia, Pa.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
Ferracute Machine Co., Bridgeton, N. J.
Hathton & Stone, Binghamton, N. Y.
Niagara Machine & Tool Works, Buffalo, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
J. M. Robinson & Co., Cincinnati, O.
Fred. J. Swaine, St. Louis, Mo.
Vaughan & Bushnell, 877 Carroll Av., Chicago, Ill.
West Mfg. Co., Buffalo, N. Y.
J. Wilcox's Sons, Port Chester, N. Y.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

VV. TURNING MACHINES.
Niagara Mach. & Tool Works, Buffalo, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
West Mfg. Co., Buffalo, N. Y.

WW. WIRE HANDLE MACHINES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
West Mfg. Co., Buffalo, N. Y.

XX. WIRE RING MACHINES.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
E. S. Stiles Press Co., Watertown, N. Y.
West Mfg. Co., Buffalo, N. Y.

YY. WIRE SOLDER MACHINES.
A. Schultz & Co., Baltimore, Md.

ZZ. WIRING MACHINES.
Niagara Machine & Tool Works, Buffalo, N. Y.
Peck, Stow & Wilcox Mfg. Co., Southington, Conn.
Toledo Machine & Tool Co., Toledo, O.
West Mfg. Co., Buffalo, N. Y.

2239. SHIP BUILDERS' MACHINERY.
J. A. Fay & Egan Co., Cincinnati, O.

2240. SHIPPING TAG MACHINES.
Toledo Machine & Tool Co., Toledo, O.

2241. SHORTHAND WRITING MACHINES.
U. S. Stenograph Co., St. Louis, Mo.

2242. SHOVELS.
Collins Co., Collinsville, Conn.
Morrison Mfg. Co., Fort Madison, Iowa.
H. M. Myers Company, Beaver Falls, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Wheeling Hinge Co., Wheeling, W. Va.

A. COAL SHOVELS.
Chisholm Steel Shovel Works, Cleveland, O.
Collins & Co., Collinsville, Conn.
T. Rowland's Sons, 611 Bourse, Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

B. COFFEE SHOVELS.
St. Louis Shovel Co., St. Louis, Mo.

C. COKE SCREENING SHOVELS.
James R. Floyd's Sons, 539 W. 20th St., New York.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.

D. CONTRACTORS' SHOVELS.
Oliver Ames & Sons, North Easton, Mass.
Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
Collins Co., Collinsville, Conn.
Columbus Mfg. Co., Columbus, O.
Geo. Griffith Co., 513 Locust St., Philadelphia, Pa.
Hussey, Binns & Co., Ltd., 218 4th Av., Pittsburg, Pa.
H. M. Myers Co., Beaver Falls, Pa.

	T. Rowland's Sons, 611 Bourse, Philadelphia, Pa.
	St. Louis Shovel Co., St. Louis, Mo.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
	Troy Stamping Works, Troy, N. Y.
E. DRAIN SHOVELS.	Chattanooga Tool Co., Chattanooga, Tenn.
	Iwan Bros., Streator, Ill.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
F. FIRE SHOVELS.	W. J. Clark Co., Salem, O.
	Iron Clad Mfg. Co., 22 Cliff St., New York.
	F. E. Kohler & Co., Canton, O.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Peck, Stow & Wilcox Co., Southington, Conn.
	W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
	Troy Stamping Works, Troy, N. Y.
	Wheeling Hinge Co., Wheeling, W. Va.
G. GARDEN SHOVELS, STEEL.	W. J. Clark Co., Salem, O.
	Hussey, Binns & Co., Ltd., 218 4th Av., Pittsburg, Pa.
H. GRAIN SCOOPS.	Hussey, Binns & Co., Ltd., 218 4th Av., Pittsburg, Pa.
	Phila. Scoop Co., 134 N. 2d St., Philadelphia, Pa.
	T. Rowland's Sons, 611 Bourse, Philadelphia, Pa.
	St. Louis Shovel Co., St. Louis, Mo.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
	Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.
I. IRRIGATING SHOVELS.	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
J. LIME SHOVELS.	St. Louis Shovel Co., St. Louis, Mo.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
K. LIPPED SHOVELS.	S. Obermayer Co., Cincinnati, O.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
L. LOCOMOTIVE SCOOPS.	Hussey, Binns & Co., Ltd., 218 4th Av., Pittsburg, Pa.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
M. MALT SHOVELS.	Stephen Kampf, Albany, N. Y.
	John Sommers' Son, Newark, N. J.
N. MINING SHOVELS.	Hussey, Binns & Co., Ltd., 218 4th Av., Pittsburg, Pa.
	St. Louis Shovel Co., St. Louis, Mo.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
O. MOULDERS' SHOVELS.	S. Obermayer Co., Cincinnati, O.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
P. OX SHOVELS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
Q. ROUND POINT SHOVELS.	Oliver Ames & Sons, North Easton, Mass.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
R. SAWDUST SHOVELS.	St. Louis Shovel & Tool Co., St. Louis, Mo.
	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
S. SNOW SHOVELS.	Atlas Mfg. Co., Danville, Pa.
	Benton Mfg. Co., Charlotte, Mich.
	F. E. Kohler & Co., Canton, O.
	Rugg Mfg. Co., Greenfield, Mass.
	Union Mfg. Co., Toledo, O.
T. STEAM SHOVELS.	C. W. Hunt Co., 45 Broadway, New York.
	J. H. Montgomery Machinery Co., Denver, Col.
U. STEEL SNOW SHOVELS.	Atlas Mfg. Co., Danville, Pa.
	F. E. Kohler & Co., Canton, O.
	Rugg Mfg. Co., Greenfield, Mass.
V. STOVE SHOVELS.	Troy Nickel Works, Albany, N. Y.
W. TAMPING SHOVELS.	St. Louis Shovel Co., St. Louis, Mo.
X. TELEGRAPH LINE SHOVELS.	Terre Haute Shovel & Tool Co., Terre Haute, Ind.
2243. SIDEWALK CLEANERS.	
	Iowa Farming Tool Co., Fort Madison, Iowa.
	F. E. Kohler & Co., Canton, O.
	Palmer Hardware Mfg. Co., Troy, N. Y.
2244. SIFTING MACHINES.	Jabez Burns & Sons, 542 Greenwich St., New York.
	J. H. Day & Co., Cincinnati, O.
	Gould & Eberhardt, Newark, N. J.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	S. Obermayer Co., Cincinnati, O.
	Chas. Ross & Son, 16 Steuben St., Brooklyn, N. Y.
2245. SILVERSMITHS' MACHINERY & TOOLS.	
	F. W. Gesswein Co., 39 John St., New York.
	Powder Puff & Snow Ball Mfg. Co., 17 E. 14th St., N. York.
2246. SIRENS, POWER.	A. & F. Brown Co., 25 Dey St., New York.
2247. SIZERS.	Dicke Tool Co., Downers Grove, Ill.
	Tower & Lyon, 95 Chambers St., New York.
2248. SLATERS' TOOLS.	W. H. Anderson & Sons, Detroit, Mich.
	Niagara Machine & Tool Works, Buffalo, N. Y.
A. SLATERS' RIPPERS.	Bangor Excelsior Slate Co., Easton, Pa.
B. SLATERS' STAKES.	Bangor Excelsior Slate Co., Easton, Pa.

2249. SLEDGES.
W. H. Anderson & Sons, Detroit, Mich.
Anderson, Du Puy & Co., Pittsburg, Pa.
Atha Tool Co., Newark, N. J.
Collins Co., Collinsville, Conn.
Detroit Steel & Spring Co., Detroit, Mich.
Dickson Mfg. Co., Scranton, Pa.
Henry H. Harvey, Boston, Mass.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Iwan Bros., Streator, Ill.
Fayette R. Plumb, Tucker & James Sts., Philadelphia, Pa.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

2250. SMALL MACHINERY.
Chicago Model Works, 179 E. Madison St., Chicago, Ill.

2251. SMITHERING MACHINES.
Robt. Poole & Son Co., Baltimore, Md.

2252. SOAP MACHINERY & TOOLS.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Wm. W. Brewer, Troy, N. Y.
Brown & Patterson, 33 Marcy Av., Brooklyn, N. Y.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
H. Wm. Dopp & Son, Buffalo, N. Y.
Hersey Mfg. Co., South Boston, Mass.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Geo. M. Ness, Jr., 61 Fulton St., New York.
Rutschmann Bros., Berk, c. N. 15th Sts., Philadelphia, Pa.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

A. SOAP KETTLES.
Robt. Deeley & Co., 507 W. 32 St., New York.
H. Wm. Dopp & Son, Buffalo, N. Y.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Mt. Penn Stove Works, Reading, Pa.
John O'Brien Boiler Works Co., St. Louis, Mo.

2253. SPATULAS.
Clement Mfg. Co., Northampton, Mass.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.

2254. SPECIAL MACHINE PARTS.
J. B. Chapman & Co., Springfield, Mass.

2255. SPECIAL MACHINERY.
W. W. Altemus & Son, 2816 N. 4th St., Philadelphia, Pa.
Atlantic Works, East Boston, Mass.
Audubon Machine Works, New Haven, Conn.
Baker Bros., Toledo, O.
Barbour-Stockwell Co., Cambridgeport, Mass.
Beaman & Smith, Providence, R. I.
A. J. Beckley & Co., Garwood, N. J.
Hugo Bilgram, N. 12th & Noble Sts., Philadelphia, Pa.
Black & Clawson Co., Hamilton, O.
E. W. Bliss Co., Plymouth St., Brooklyn, N. Y.
Boston Blower Co., Hyde Park, Mass.
F. S. & G. L. Brown, Baltimore, Md.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buescher Mfg. Co., Elkhart, Ind.
J. B. Chapman & Co., Springfield, Mass.
Chicago Flexible Shaft Co., 158 Huron St., Chicago, Ill.
H. Dudley Coleman, New Orleans, La.
C. W. Crary & Sons Co., 87 Huron St., Chicago, Ill.
G. A. Crosby & Co., 176 S. Clinton St., Chicago, Ill.
Detrick & Harvey Machine Co., Baltimore, Md.
Diamond Drill & Mach. Co., Budsbora, Pa.
Dwight Slight Machine Co., Hartford, Conn.
F. L. Ellis & Son, Milldale, Conn.
Faneuil Watch Tool Co., Brighton, Boston, Mass.
Fishkill Landing Mach. Co., Fishkill-on-the-Hudson, N. Y.
Fitchburg Machine Works, Fitchburg, Mass.
Franklin Mach. Wks., Inc., 506 Cuthbert St., Phila., Pa.
Frontier Iron Works, Detroit, Mich.
Garvin Machine Co., Spring & Varick Sts., New York.
Geometric Drill Co., Westville, Conn.
Samuel H. Harman, Bloomsberg, Pa.
Edwin Harrington, Son & Co., Inc., N. 15th St., Phila., Pa.
Hersey Mfg. Co., South Boston, Mass.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Lowell Model Co., Lowell, Mass.
Duncan Mackenzie, Trenton, N. J.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Murray Iron Works Co., Burlington, Iowa.
New England Butt Co., Providence, R. I.

Norton & Jones Machine Tool Co., Plainville, Conn.
Norwood Engineering Co., Florence, Mass.
Geo. A. Ohl, Newark, N. J.
Pacific Iron Works, Bridgeport, Conn.
Phillips & McLaren, Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.
St. Louis Iron Machine Co., St. Louis, Mo.
San Francisco Tool Works, San Francisco, Cal.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Fred. J. Swaine, St. Louis, Mo.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
William Tod & Co., Youngstown, O.
Trump Bros. Machine Co., Wilmington, Del.
Vulcan Iron Works, Wilkes-Barre, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Webster & Perks Tool Co., Springfield, O.
Williams, White & Co., Moline, Ill.

2256. SPECIAL TOOLS.
Bardons & Oliver, Cleveland, O.
Brown & Sharpe Mfg. Co., Providence, R. I.
Clark Novelty Co., Rochester, N. Y.
F. L. Ellis & Son, Milldale, Conn.
Geometric Drill Co., Westville, Conn.
McDonnell Odometer Co., Kedzie Av., Chicago, Ill.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Putnam Machine Co., Fitchburg, Mass.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Standard Tool Co., Cleveland, O.

2257. SPEED INDICATORS.
Ashcroft Mfg. Co., Bridgeport, Conn.
N. P. Bowsher Co., South Bend, Ind.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
McDonnell Odometer Co., Kedzie Av., Chicago, Ill.
Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
L. S. Starrett Co., Athol, Mass.
R. Woodman Mfg. & Supply Co., Boston, Mass.

2258. SPICE & DRUG POUNDERS.
Jabez Burns & Sons, 542 Greenwich St., New York.

2259. SPICE PACKERS.
J. H. Day & Co., Cincinnati, O.

2260. SPILL TROUGHS, BRASS FOUNDERS'.
S. Obermayer Co., Cincinnati, O.

2261. SPIRAL SPRING COILING MACHINES.
Garvin Machine Co., Spring & Varick Sts., New York.
Pratt & Whitney Co., Hartford, Conn.

2262. SPLITTING MACHINES, BELT KNIFE.
American Tool & Mach. Co., Boston, Mass.

2263. SPOKE SHAVES.
Champion Safety Lock Co., Cleveland, O.
H. Chapin's Sons Co., Pine Meadow, Conn.
Cincinnati Tool Co., Pearl & Ludlow Sts., Cincinnati, O.
William Johnson, Newark, N. J.
H. F. Osborne, Newark, N. J.
Seymour Smith & Son, Oakville, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Samuel C. Tatum Co., Cincinnati, O.

A. IRON SPOKE SHAVES.
H. Chapin's Son Co., Pine Meadow, Conn.
Stanley Rule & Level Co., New Britain, Conn.
E. C. Stearns & Co., Syracuse, N. Y.

B. SPOKE KNIVES.
A. A. Simonds & Son, Dayton, O.

2264. SPOT SETTING MACHINES.
Standard Rivet Co., Boston, Mass.

2265. SPRING BED MACHINERY.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.

2266. SPROCKET MACHINES, BICYCLE.
Baker Bros., Toledo, O.

2267. SQUARES.

A. ADJUSTABLE SQUARES.
Athol Machine Co., Athol, Mass.
Sawyer Tool Co., Fitchburg, Mass.

B. BEVEL SQUARES.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
L. S. Starrett Co., Athol, Mass.

C. CALIPER SQUARES.
Brown & Sharpe Mfg. Co., Providence, R. I.
L. S. Starrett Co., Athol, Mass.

D. CENTER SQUARES.
Athol Machine Co., Athol, Mass.
Standard Tool Co., Athol, Mass.

E. COMBINATION SQUARES.
Athol Machine Co., Athol, Mass.
Sawyer Tool Co., Inc., Fitchburg, Mass.
Standard Tool Co., Athol, Mass.
L. S. Starrett Co., Athol, Mass.

F. DOUBLE TONGUE SQUARES.
Lane & Gale, Troy, N. Y.
L. S. Starrett Co., Athol, Mass.

G. DRESSMAKERS' SQUARES.
Belcher Bros. & Co., Irvington, N. J.

H. IRON SQUARES.
Eagle Square Mfg. Co., South Shaftsburg, Vt.
Lane & Gale, Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Southington Cutlery Co., Southington, Conn.

I. MITRE SQUARES.
Stanley Rule & Level Co., New Britain, Conn.

J. PLATE GLASS SQUARES.
Belcher Bros. & Co., Irvington, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.

K. STEEL SQUARES.
Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Eagle Square Mfg. Co., South Shaftsburg, Vt.
Lane & Gale, Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Southington Cutlery Co., Southington, Conn.
Standard Tool Co., Athol, Mass.
L. S. Starrett Co., Athol, Mass.

L. STEEL SQUARES, HARDENED.
Brown & Sharpe Mfg. Co., Providence, R. I.
Sawyer Tool Co., Inc., Fitchburg, Mass.
Standard Tool Co., Athol, Mass.

M. TAILORS' SQUARES.
Belcher Bros. & Co., Irvington, N. J.

N. TRY SQUARES.
Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Standard Tool Co., Athol, Mass.
Stanley Rule & Level Co., New Britain, Conn.
L. S. Starrett Co., Athol, Mass.

2268. STAPLE MACHINES.
F. B. Shuster Co., New Haven, Conn.

2269. STAPLE PULLERS.
Cronk Hanger Co., Elmira, N. Y.
Hunt, Helm & Ferris, Harvard, Ill.

2270. STEAM ASPHALT ROLLERS.
O. S. Kelly Co., Springfield, O.

2271. STEAM EXCAVATORS.
F. C. Austin Mfg. Co., Harvey, Ill.
Excelsior Iron Works, 100 Clinton St., Chicago, Ill.
Industrial Works, Bay City, Mich.
Thomson Kingsford, Oswego, N. Y.
Marion Steam Shovel Co., Marion, O.
Osgood Dredge Co., Albany, N. Y.
John Souther & Co., Boston, Mass.
Townsend Furnace & Machine Shop Co., Albany, N. Y.
Vulcan Iron Works Co., Oswego, N. Y.

2272. STEAM SEPARATORS.
Best, Fox & Co., Pittsburg, Pa.
John Davis Co., 69 Michigan St., Chicago, Ill.
Goubert Mfg. Co., 14 Church St., New York.
A. A. Griffing Iron Co., 66 Centre St., New York.
Harrison Safety Boiler Works, 17th St., Philadelphia, Pa.
James L. Robertson & Son, 204 Fulton St., New York.
Schäffer & Budenberg, 25 Bedford, Brooklyn, N. Y.
Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.
Warren Webster & Co., Camden, N. J.
Westinghouse Machine Co., 26 Cortlandt St., New York.

2273. STEAM STEERING ENGINES.
Globe Iron Works Co., Cleveland, O.
Pawling & Harnischfeger, Milwaukee, Wis.
Providence Steam Engine Co., Providence, R. I.
Wickes Bros., Saginaw, Mich.

2274. STEAM, WATER & GAS FITTERS' TOOLS.

A. GAS FITTERS' AUGERS.
Irwin Auger Bit Co., Wilmington, O.
C. E. Jennings & Co., 79 Reade St., New York.
Snell Mfg. Co., Fiskdale, Mass.
Walworth Mfg. Co., Boston, Mass.

B. GAS PLIERS
Billings & Spencer Co., Hartford, Conn.
Cronk Hanger Co., Elmira, N. Y.
William Johnson, Newark, N. J.
Kraeuter Co., Newark, N. J.
C. S. Osborne & Co., Newark, N. J.
John Stortz & Sons, 210 Vine St., Philadelphia, Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

C. PIPE BENDERS.
Cleveland Wire & Spring Co., Cleveland, O

D. PIPE CUTTERS.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Ashcroft Mfg. Co., 111 Liberty St., New York.
Fairbanks Co., 311 Broadway, New York.
Hollands Mfg. Co., Erie, Pa.

	Reed Mfg. Co., Erie, Pa.	
	D. Saunder's Sons, Yonkers, N. Y.	
	Walworth Mfg. Co., Boston, Mass.	
E. PIPE REAMERS.	Ashcroft Mfg. Co., 111 Liberty St., New York.	
	J. M. Carpenter Tap & Die Co., Pawtucket, R. I.	
	J. M. King & Co., Waterford, Conn.	
	Morse Twist Drill & Machine Co., New Bedford, Mass.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	Pratt & Whitney Co., Hartford, Conn.	
	Putnam Machine Co., Fitchburg, Mass.	
	Standard Tool Co., Cleveland, O.	
	Walworth Mfg. Co., 16 Oliver St., Boston, Mass.	
F. PIPE STOCKS & DIES.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
	Ashcroft Mfg. Co., 111 Liberty St., New York.	
	Butterfield & Co., Derby Line, Vt.	
	J. M. Carpenter Tap & Die Co., Pawtucket, R. I.	
	Fairbanks Co., 311 Broadway, New York.	
	Hart Mfg. Co., Cleveland, O.	
	Hollands Mfg. Co., Erie, Pa.	
	Holroyd & Co., Waterford, N. Y.	
	Morse Twist Drill & Machine Co., New Bedford, Mass.	
	Oster Mfg. Co., Cleveland, O.	
	Reed Mfg. Co., Erie, Pa.	
	D. Saunder's Sons, Yonkers, N. Y.	
	Walworth Mfg. Co., Boston, Mass.	
	Wells Bros. & Co., Greenfield, Mass.	
G. PIPE TAPS.	S. W. Card Mfg. Co., Mansfield, Mass.	
	Fairbanks Co., 311 Broadway, New York.	
	Holroyd & Co., Waterford, N. Y.	
	J. M. King & Co., Waterford, N. Y.	
	McNab & Horlin Mfg. Co., Paterson, N. J.	
	Morse Twist Drill & Machine Co., New Bedford, Mass.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	Pratt & Whitney Co., Hartford, Conn.	
	Standard Tool Co., Cleveland, O.	
	Wells Bros. & Co., Greenfield, Mass.	
	Wiley & Russell Mfg. Co., Greenfield, Mass.	
H. PIPE TAPS & DRILLS COMBINED.	H. Mueller Mfg. Co., Decatur, Ill.	
I. PIPE THREADERS.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Jarecki Mfg. Co., Erie, Pa.	
	Morris, Tasker & Co., 222 S. 3d St., Philadelphia, Pa.	
	Rochester Pipe Tongs Co., Rochester, N. Y.	
	Walworth Mfg. Co., Boston, Mass.	
J. PIPE TONGS.	Wm. H. Anderson & Sons, Detroit, Mich.	
	Ashcroft Mfg. Co., 111 Liberty St., New York.	
	Bay State Iron Works, Erie, Pa.	
	Darling Pump & Mfg. Co., Williamsport, Pa.	
	H. H. Harvey, 116 High St., Boston, Mass.	
	Hollands Mfg. Co., Erie, Pa.	
	Jarecki Mfg. Co., Erie, Pa.	
	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y.	*10
K. PIPE VISE GRIPS.	T. Draper, Port Huron, Mich.	
	Walworth Mfg. Co., Boston, Mass.	
L. PIPE VISE JAWS.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
M. PIPE VISES.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
	Clark Bros., Belmont, N. Y.	
	Curtis & Curtis, Bridgeport, Conn.	*28
	Jarecki Mfg. Co., Erie, Pa.	
	Nason Mfg. Co., 71 Beekman St., New York.	
	Reed Mfg. Co., Erie, Pa.	
	Tower & Lyon, 95 Chambers St., New York.	
	Walworth Mfg. Co., Boston, Mass.	
N. STEAM FITTERS' TOOLS.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
O. TAPPING CHUCKS.	F. A. Errington, 39 Cortlandt St., New York.	
	D. Saunder's Sons, Yonkers, N. Y.	
P. TAPPING MACHINES.	Dwight Slate Machine Co., Hartford, Conn.	
	Gould & Eberhardt, Newark, N. J.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	National Machinery Co., Tiffin, O.	
	Stow Mfg. Co., Binghamton, N. Y.	*18
	Walworth Mfg. Co., Boston, Mass.	

2275. STEREOTYPERS' MACHINERY.

Inland Type Foundry, St. Louis, Mo.
Henry Kahrs, 240 E. 33d St., New York.

A. STEREOTYPERS' CASTING BOXES.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Lovejoy Co., 444 Pearl St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

B. STEREOTYPERS' FINISHING BLOCKS.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Lovejoy Co., 444 Pearl St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

C. STEREOTYPERS' FURNACES.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Duplex Printing Press Co., Battle Creek, Mich.
Lovejoy Co., 444 Pearl St., New York.

D. STEREOTYPERS' HAND SHAVING MACHINES.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Lovejoy Co., 444 Pearl St., New York.

E. STEREOTYPERS' LADLES.
C. B. Cottrell & Sons Co., 41 Park Row, New York.

F. STEREOTYPERS' MATRIX BOXES.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Lovejoy Co., 444 Pearl St., New York.

G. STEREOTYPERS' OUTFITS.
Lovejoy Co., 444 Pearl St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

H. STEREOTYPERS' PRESSES.
Duplex Printing Press Co., Battle Creek, Mich.
Lovejoy Co., 444 Pearl St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

I. STEREOTYPERS' SAW TABLES.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Lovejoy Co., 444 Pearl St., New York.
John Royle & Sons, Paterson, N. J.
F. Wesel Mfg. Co., 82 Fulton St., New York.

J. STEREOTYPERS' SHOOT BOARDS & PLANES.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Lovejoy Co., 444 Pearl St., New York.
John Royle & Sons, Paterson, N. J.
F. Wesel Mfg. Co., 82 Fulton St., New York.

K. STEREOTYPERS' STEAM DRYING TABLES.
Wilmot Castle & Co., Rochester, New York.
C. B. Cottrell & Sons Co., 41 Park Row, New York.
Duplex Printing Press Co., Battle Creek, Mich.
Lovejoy Co., 444 Pearl St., New York.

2276. STILLS.
Eimer & Amend, 205 3d Av., New York.
Hauser, Bremer & Fath Co., Bank St., Cincinnati, O.
Marietta Boiler Works, Marietta, O.
Wm. B. Pollock & Co., Youngstown, O.
Juan G. Ribon, 1st & Provost Sts., Jersey City, N. J.
Riter-Conly Co., Pittsburg, Pa.
Struthers, Wells & Co., Warren, Pa.
Warden Mfg. Co., N. 19th St. & Allegheny Av., Phila., Pa.

A. DRUGGISTS' STILLS.
J. H. Day & Co., Cincinnati, O.

B. OIL STILLS.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Heipershausen Bros., 43 Tompkins St., New York.
Logan-Farrell & Son, 52 Commercial St., Brooklyn, N. Y.

C. TAR STILLS.
Clowbrock Steel Boiler Co., Brooklyn, N. Y.

2277. STOCKS & DIES.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Charles H. Besly & Co., 10 N. Canal St., Chicago, Ill.
Butterfield & Co., Derby Line, Vt.
Curtis & Curtis, Bridgeport, Conn. *28
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Fairbanks Co., 311 Broadway, New York.
Garvin Machine Co., Spring & Varick Sts., New York.
Hart Mfg. Co., Cleveland, O.
Holroyd & Co., Waterford, N. Y.
J. M. King & Co., Waterford, N. Y.
Merrell Mfg. Co., 502 Curtis St., Toledo, O.
Pratt & Whitney Co., Hartford, Conn.
D. Saunder's Sons, Yonkers, N. Y.
Walworth Mfg. Co., Boston, Mass.
Wells Bros. & Co., Greenfield, Mass.

2278. STONE & MARBLE WORKING MACHINERY.
Thomas Hinds, Malone, N. Y.
Lincoln Iron Works, Rutland, Vt.
Robt. Poole & Son Co., Baltimore, Md.
Olin Scott, Bennington, Vt.

A. BALL SETS, GRANITE WORK.
Henry H. Harvey, Boston, Mass.

B. GRINDSTONE DRESSERS.
Blake & Johnson, Waterbury, Conn.
Robt. Poole & Son Co., Baltimore, Md.

C. MARBLE MOULDING & COUNTERSINKING MACHINES.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Sherman & Flavin, 2505 State St., Chicago, Ill.

D. PORTABLE BROWN STONE MILLS.
Richmond City Mill Works, Richmond, Ind.

E. RUBBING BEDS.
Lincoln Iron Works, Rutland, Vt.
Robt. Poole & Son Co., Baltimore, Md.
Olin Scott, Bennington, Vt.

F. SLATE DRESSERS. Auld & Conger, Cleveland, O.
G. SLATE SAWS. Emerson, Smith & Co., Ltd., Beaver Falls, Pa.
C. S. Maynard & Co., Fair Haven, Vt.
H. M. Ruggles, Poultney, Vt.
H. STONE CARVERS' POINTING MACHINES. H. H. Harvey, Boston, Mass.
I. STONE CUTTING MACHINES. Lincoln Iron Works, Rutland, Vt.
Robt. Poole & Son Co., Baltimore, Md.
Steam Stone Cutter Co., Rutland, Vt.
J. STONE DOGS. Thomas Carlin's Sons, Allegheny, Pa.
K. STONE DRESSERS. American Pneumatic Tool Co., 844 Washn. St., New York.
New Albany Mfg. Co., New Albany, Ind.
Valley Iron Works Mfg. Co., Appleton, Wis.
L. STONE JOINTING MACHINES. Lincoln Iron Works, Rutland, Vt.
Robt. Poole & Son Co., Baltimore, Md.
M. STONE MOULDING MACHINES. Lincoln Iron Works, Rutland, Vt.
N. STONE PLANING MACHINES. Fort Scott Foundry & Mach. Co., Fort Scott, Kan.
Hill, Clarke & Co., Boston, Mass.
Lincoln Iron Works, Rutland, Vt.
New Albany Mfg. Co., New Albany, Ind.
O. STONE SAWING SAND FEEDERS. Frenier & Le Blank, Rutland, Vt.
P. STONE SAWS. Wm. Clark, Sons Co., Pittsburg, Pa.
Frenier & Le Blanc, Rutland, Vt.
Lincoln Iron Works, Rutland, Vt.
Lindsay & McCutcheon, Pittsburg, Pa.
C. T. Maynard & Co., Fair Haven, Vt.
New Albany Mfg. Co., New Albany, Ind.
Olin Scott, Bennington, Vt.
Union Iron & Steel Co., Youngstown, O.
Q. STONE TRUERS. Dayton Globe Iron Works Co., Dayton, O.
R. STONE WORKERS' WOOD ROLLS. Henry H. Harvey, Boston, Mass.

2279. STRAIGHT EDGES. Athol Machine Co., Athol, Mass.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
W. B. Barry Saw & Supply Co., Indianapolis, Ind.
Putnam Machine Co., Fitchburg, Mass.
Standard Tool Co., Athol, Mass.
L. S. Starrett Co., Athol, Mass.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
A. STEEL STRAIGHT EDGES. Brown & Sharpe Mfg. Co., Providence, R. I.
Sawyer Tool Co., Inc., Fitchburg, Mass.
L. S. Starrett Co., Athol, Mass.

2280. STRAW BOARD LINING MACHINES.
Schenk & Schlicte, 22 Jones St., New York.

2281. STRAW ROPE TWISTERS.
S. Obermayer Co., 18th & Rockwell Sts., Chicago, Ill.

2282. STREET CLEANING MACHINERY.
Abbott-Downing Co., Concord, N. H.
F. C. Austin Mfg. Co., Harvey, Ill.
Brooklyn Railway Supply Co., Stamford, Conn.
Edson Mfg. Co., 132 Commercial St., Boston, Mass.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phil., Pa.
O. S. Kelly Co., Springfield, O.
A. CYLINDER STREET BROOMS. Pollock Brush Co., Easton, Pa.

2283. STRETCHING MACHINES, BELT.
Estate of Charles Holmes, 23 W. 1st St., Boston, Mass.
Granger Foundry & Machine Co., Providence, R. I.

2284. STUCCO KETTLES. Butterworth & Lowe, Grand Rapids, Mich.

2285. STUFFING BOXES. Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.

2286. SUGAR MACHINERY. Davenport Foundry & Machine Co., Davenport, Iowa.
Robert Deeley & Co., 507 W. 32d St., New York.
S. S. Hepworth Co., 15 Cortlandt St., New York.
Hersey Mfg. Co., South Boston, Mass.
Krajewski, Pesant & Co., 32 Broadway, New York. *18
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
Progressive Iron Works, 251 Greenpoint Av., B'klyn, N. Y.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
A. BAGASSE BURNERS. Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Robert Deeley & Co., 507 W. 32d St., New York.
Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.

B. BAGASSE CARRIERS.	Geo. L. Squier Mfg. Co., Buffalo, N. Y.	
C. CANE CARS.	St. Charles Car Co., St. Charles, Mo.	
D. CANE CRUSHERS.	Krajewski, Pesant & Co., 32 Broadway, New York.	*18
E. CANE CUTTING MACHINES.	A. W. Colwell, New York.	
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.	
F. CANE MILL ROLLERS.	Chester Steel Castings Co., 407 Sansom St., Phila., Pa.	
	F. H. Cook & Co., Leominster, Mass.	
	Robert Deeley & Co., 507 W. 32d St., New York.	
	Lombard Iron Works & Supply Co., Augusta, Ga.	
G. CANE MILLS.	C. S. Bell & Co., Hillsboro, O.	
	Blymyer Iron Works, Cincinnati, O.	
	Brennan & Co., Louisville, Ky.	
	Chattanooga Plow Co., Chattanooga, Tenn.	
	H. Dudley Coleman, New Orleans, La.	
	Robert Deeley & Co., 507 W. 32d St., New York.	
	Farrel Foundry & Machine Co., Ansonia, Conn.	
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.	
	William Kehoe & Co., Savannah, Ga.	
	Kingsland & Douglas Mfg. Co., St. Louis, Mo.	
	Krajewski, Pesant & Co., 32 Broadway, New York.	*18
	Lombard Iron Works & Supply Co., Augusta, Ga.	
	Morgan Iron Works, Inc., 814 E. 9th St., New York.	
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.	
	Reading Iron Co., Reading, Pa.	
	Risdon Iron & Locomotive Works, San Francisco, Cal.	
	J. S. Schofield, Sons & Co., Macon, Ga.	
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.	
	E. Van Winkle Gin & Machine Wks., Atlanta, Ga.	
	Whitney Iron Works Co., New Orleans, La.	
	Winship Machine Co., Atlanta, Ga.	
H. CANE MILLS, HAND POWER.	Blymyer Iron Works, Cincinnati, O.	
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.	
I. CANE MILLS, HORSE POWER.	Blymyer Iron Works, Cincinnati, O.	
	Kehoe Iron Works, Savannah, Ga.	
	Perfection Cane Mill Co., 39 Cortlandt St., New York.	
	George L. Squier Mfg. Co., Buffalo, N. Y.	
J. CANE SHREDDING MACHINES.	Fort Scott Foundry & Machine Co., Fort Scott, Kan.	
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.	
	Newell Universal Mill Co., 26 Cortlandt St., New York.	
K. CANE SLINGS & DUMPERS.	Drackett & Simms, Ramos, La.	
L. CANE TRANSFERS.	E. W. Wiley, Jr., Lecompte, La.	
M. CENTRIFUGAL MACHINES.	American Tool & Machine Co., Boston, Mass.	
	Blymyer Iron Works Co., Cincinnati, O.	
	Robert Deeley Co., 507 W. 32d St., New York.	
	Krajewski, Pesant & Co., 32 Broadway, New York.	*18
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.	
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.	
	John Turl's Sons, 534 W. 28th St., New York.	
N. CLARIFIERS.	Robert Deeley & Co., 507 W. 32d St., New York.	
	E. W. Deming, New Orleans, La.	
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.	
	Krajewski, Pesant & Co., 32 Broadway, New York.	*18
	Risdon Iron & Locomotive Works, San Francisco, Cal.	
	John Turl's Sons, 534 W. 28th St., New York.	
O. CONDENSERS.	A. W. Colwell, 39 Cortlandt St., New York.	
	Robert Deeley & Co., 507 W. 32d St., New York.	
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.	
P. COOLING PANS.	Murray Iron Works Co., Burlington, Iowa.	
Q. DEFECATORS.	Blymyer Iron Works, Cincinnati, O.	
	Robert Deeley & Co., 507 W. 32d St., New York.	
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.	
	Krajewski, Pesant & Co., 32 Broadway, New York.	*18
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.	
	John Turl's Sons, 534 W. 28th St., New York.	
R. DIFFUSION BATTERIES.	Robert Deeley & Co., 507 W. 32d St., New York.	
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.	
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.	
S. DOUBLE & TRIPLE EFFECTS.	Krajewski, Pesant & Co., 32 Broadway, New York.	*18
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.	
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.	
T. DRYING MACHINES.	H. W. Butterworth & Sons Co., 2415 E. York St., Phila., Pa.	
	Thomas Phillips Co., Providence, R. I.	
	Warren Electric Mfg. Co., Sandusky, O.	
U. FILTER BAGS.	Gulf Bag Co., Ltd., New Orleans, La.	
	F. Coit Johnson, 110 Worth St., New York.	
	Tingue, House & Co., 56 Reade St., New York.	

V. GRANULATORS.	Hersey Mfg. Co., South Boston, Mass.
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
W. JUICE PUMPS.	Blymyer Iron Works Co., Cincinnati, O.
	Robert Deeley & Co., 507 W. 32d St., New York.
	Hersey Mfg. Co., South Boston, Mass.
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.
	Worthington Pumping Engine Co., 120 Liberty St., N. York.
X. MACERATORS.	Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Y. SATURATORS & BAGASSE MILLS.	A. W. Colwell, 39 Cortlandt St., New York.
Z. SORGHUM EVAPORATORS.	Blymyer Iron Works Co., Cincinnati, O.
	Brennan & Co., Louisville, Ky.
	Chattanooga Plow Co., Chattanooga, Tenn.
	Haubtman & Loeb, New Orleans, La.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Kingsland Mfg. Co., St. Louis, Mo.
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
	Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.
AA. SORGHUM MILLS.	Blymyer Iron Works Co., Cincinnati, O.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Fort Worth Iron Works, Fort Worth, Tex.
	Thomas Phillips Co., Providence, R. I.
BB. SUGAR EVAPORATORS.	Blymyer Iron Works Co., Cincinnati, O.
	Brennan & Co., Louisville, Ky.
	Casey & Hedges Mfg. Co., Chattanooga, Tenn.
	Robt. Deeley & Co., 507 W. 32d St., New York.
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Krajewski, Pesant & Co., 32 Broadway, New York. *18
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
	C. C. Post, Burlington, Vt.
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.
	John Turl's Sons, 534 W. 28th St., New York.
	Vermont Farm Mach. Co., Bellows Falls, Vt.
	Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.
CC. SUGAR FILTERING PRESSES.	Fort Scott Foundry & Machine Co., Fort Scott, Kan.
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
DD. SUGAR FILTERS.	Robt. Deeley & Co., 507 W. 32d St., New York.
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.
	Krajewski, Pesant & Co., 32 Broadway, New York. *18
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
EE. SUGAR KETTLES.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	E. Bement & Sons, Lansing, Mich.
	Blymyer Iron Works Co., Cincinnati, O.
	Chattanooga Plow Co., Chattanooga, Tenn.
	Robt. Deeley & Co., 507 W. 32d St., New York.
	Hess, Snyder & Co., Massillon, O.
	Lithgow Mfg. Co., Louisville, Ky.
	Morgan Iron Works, Inc., 814 E. 9th St., New York.
	Mt. Penn Stove Works, Reading, Pa.
	Ewald Over, Indianapolis, Ind.
	D. R. Sperry & Co., Batavia, Ill.
	Geo. L. Squier Mfg. Co., Buffalo, N. Y.
FF. SUGAR MACHINERY MOUNTINGS.	Robert Deeley & Co., 507 W. 32d St., New York.
	G. M. Gregory, 214 Front St., New York.
GG. SUGAR MIXERS.	American Tool & Machine Co., Boston, Mass.
HH. SUGAR PANS.	William Kehoe & Co., Savannah, Ga.
	Logan-Farrell & Son, 52 Commercial St., Brooklyn, N. Y.
II. SUGAR PRESSES.	Robt. Deeley & Co., 507 W. 32d St., New York.
	Hersey Mfg. Co., South Boston, Mass.
	John Turl's Sons, 534 W. 28th St., New York.
JJ. SUGAR REFINING MACHINERY.	Robt. Deeley & Co., 507 W. 32d St., New York.
	Hersey Mfg. Co., South Boston, Mass.
	Juan G. Ribon, 1st & Provost Sts., Jersey City, N. J.
	John Turl's Sons, 534 W. 28th St., New York.
	Weimer Machine Works Co., Lebanon, Pa.
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
KK. SUGAR WAGONS.	A. W. Colwell, 39 Cortlandt St., New York.
	Robert Deeley & Co., 507 W. 32d St., New York.
	Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
	John Turl's Sons, 534 W. 28th St., New York.
LL. VACUUM PAN GAUGES.	Standard Thermometer & Electric Co., Peabody, Mass.
MM. VACUUM PANS.	Blymyer Iron Works Co., Cincinnati, O.
	Robert Deeley & Co., 507 W. 32d St., New York.
	Dickson Mfg. Co., Scranton, Pa.
	H. Wm. Dopp & Son, Buffalo, N. Y.

Fort Scott Foundry & Machine Co., Fort Scott, Kan.
G. M. Gregory, 214 Front St., New York.
Guild & Garrison, Kent Av. & S. 10th St., Brooklyn, N. Y.
Krajewski, Pesant & Co., 32 Broadway, New York. *18
Manistee Iron Works Co., Manistee, Mich.
Henry G. Morris, 926 Drexel Bldg., Philadelphia, Pa.
Joseph Oat & Sons, 228 Quarry St., Philadelphia, Pa.
Thomas Phillips Co., Providence, R. I.
Risdon Iron & Locomotive Works, San Francisco, Cal.
D. R. Sperry & Co., Batavia, Ill.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
John Turl's Sons, 534 W. 28th St., New York.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

2287. SULPHITE PULP DIGESTERS.
Non-Antem Sulphite Digester Co., 85 Times Bldg., N. York.

2288. SULPHUR MACHINERY.
Alex. Traud, Newark, N. J.
A. ACID EGGS. Valk & Murdock Iron Works, Charleston, S. C.

2289. SUPPOSITORY MACHINES.
J. H. Day & Co., Cincinnati, O.
Evan T. Ellis, 111 N. 16th St., Philadelphia, Pa.
A. M. Knowlson, Troy, N. Y.

2290. SURFACE PLATES. Brown & Sharpe Mfg. Co., Providence, R. I.
Putnam Machine Co., Fitchburg, Mass.

2291. SUSPENDER MACHINES.
Edwin B. Stimpson & Son, 31 Spruce St., New York.

2292. SYRINGES, BRASS. Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.

2293. TABLET MACHINES. J. H. Day & Co., Cincinnati, O.
H. K. Mulford Co., 412 S. 13th St., Philadelphia, Pa.

2294. TACK CLAWS.
American Specialty Co., Bridgeport, Conn.
American Specialty Mfg. Co., Hartford, Conn.
Hagan & Reid, Troy, N. Y.
Humason & Beckley Mfg. Co., New Britain, Conn.
C. E. Jennings & Co., 79 Reade St., New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Kraeuter Co., Newark, N. J.
H. H. Mayhew & Co., Shelburne Falls, Mass.
Nickel Plate Mfg. Co., Meriden, Conn.
C. S. Osborne & Co., Newark, N. J.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.
Utica Drop Forge & Tool Co., Utica, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

2295. TANNERS' & CURRIERS' MACHINERY & TOOLS.

A. BARK MILLS.
Allentown Foundry & Machine Works, Allentown, Pa.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
Eureka Bark Mill Co., Lancaster, Pa.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Hinckley & Egery Iron Co., Bangor, Me.
Mitts & Merrill, Saginaw, Mich.
Benj. Ott & Sons, La Crosse, Wis.
Waterville Foundry & Mfg. Co., Waterville, N. Y.

B. CALF ROLLERS. Winslow Bros., Norwood, Mass.

C. CURRIERS' BLADES.
American Saw Co., Trenton, N. J.
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
National Saw Co., Newark, N. J.
Pacific Saw Mfg. Co., San Francisco, Cal.

D. CURRIERS' STEELS. Tuck Mfg. Co., Brockton, Mass.

E. CURRIERS' STONES.
Cleveland Stone Co., Cleveland, O.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.

F. CURRIERS' TOOLS.
George D. Ellis & Sons Co., 229 Vine St., Philadelphia, Pa.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

G. LEATHER FOLDING MACHINES. Randall & Co., 802 W. 6th St., Cincinnati, O.

H. LEATHER GLAZING MACHINES.
J. T. Freeman & Co., Woburn, Mass.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

I. LEATHER MEASURING MACHINES. Sawyer Leather Machinery Co., Boston, Mass.

J. LEATHER POLISHING MACHINES.
J. T. Freeman & Co., Woburn, Mass.
Ross-Moyer Mfg. Co., 226 Sycamore St., Cincinnati, O.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

K. LEATHER SCOURING MACHINES. Estate of Chas. Holmes, 23 W. 1st St., Boston, Mass.

L. LEATHER SPLITTING MACHINES.
American Tool & Machine Co., Boston, Mass.
E. D. Brooks Co., Boston, Mass.

Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Randall & Co., Cincinnati, O.
Seeley Mfg. Co., 110 Lincoln St., Boston, Mass.
Stanley Mfg. Co., 108 Summer St., Boston, Mass.
Whittemore Mfg. Co., 31 South St., Boston, Mass.

M. LEATHER STAKING MACHINES. — J. T. Freeman & Co., Woburn, Mass.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Wellman Sole Cutting Machine Co., Medford, Mass.

N. LEATHER STRETCHING MACHINES. — Estate of Charles Holmes, Boston, Mass.

O. LEATHER STUFFING MILLS. — J. T. Freeman & Co., Woburn, Mass.

P. LEATHER WHITENING & BUFFING MACHINES. — J. T. Freeman & Co., Woburn, Mass.

Q. MOROCCO LEATHER MACHINERY & TOOLS. — Amos H. Hall, 2915 N. 2d St., Philadelphia, Pa.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

R. SKIVERS. — Tuck Mfg. Co., Brockton, Mass.

S. SKIVING MACHINES. — Randall & Co., Cincinnati, O.

T. SLICKERS. — National Saw Co., Newark, N. J.
L. & I. J. White Co., Buffalo, N. Y.

U. STRIKING KNIVES. — E. C. Atkins & Co., Indianapolis, Ind. *19 & 20

V. TANNERS' FLESHERS. — American Axe & Tool Co., Pittsburg, Pa.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
C. J. Kimball Co., Bennington, N. H.
Thompson, Hall & Co., Portland, Me.

W. TANNERS' FORKS. — Sheble & Klemm, Ashland & Lewis Sts., Philadelphia, Pa.
Terre Haute Shovel & Tool Co., Terre Haute, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

X. TANNERS' KETTLES. — John E. Smith's Sons, Buffalo, N. Y.

Y. TANNERS' MACHINERY. — McEwen Bros., Wellsville, N. Y.
John E. Smith's Sons, Buffalo, N. Y.
Struthers, Wells & Co., Warren, Pa.

Z. TANNERS' TOOLS. — George D. Ellis & Sons Co., 229 Vine St., Philadelphia, Pa.

AA. TAN PRESSES. — Estate of Charles Holmes, Boston, Mass.
William F. Martin, Salem, Mass.
Wm. H. Horn & Bros., 453 N. 3d St., Philadelphia, Pa.

BB. WASH WHEELS. — Winship Mfg. Co., Racine, Wis.

2296. TAPERING PINS. — Draper, Williams Mfg. Co., Boston, Mass.
Pratt & Whitney Co., Hartford, Conn.

2297. TAPPING & DRILLING MACHINES.
D. Saunder's Sons, Yonkers, N. Y.

2298. TAPPING ATTACHMENTS.
Beaman Smith, Providence, R. I.

2299. TAPS & DIES. — American Screw Co., Providence, R. I.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Billings & Spencer Co., Hartford, Conn.
Butterfield & Co., Derby Line, Vt.
S. W. Card Mfg. Co., Mansfield, Mass.
J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
Champion Blower & Forge Co., Lancaster, Pa.
Cincinnati Tool Co., Cincinnati, O.
Cleveland Twist Drill Co., Cleveland, O.
Fairbanks Co., 311 Broadway, New York.
Frasse Co., 19 Warren St., New York.
Geometric Drill Co., Westville, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Hart Mfg. Co., Cleveland, O.
Charles E. Herrick, Northampton, Mass.
Holroyd & Co., Waterford, N. Y.
J. M. King & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Queen City Supply Co., Cincinnati, O.
D. Saunder's Sons, Yonkers, N. Y.
Standard Tool Co., Cleveland, O.
Walworth Mfg. Co., Boston, Mass.
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

2300. TEETH CUTTING MACHINES, STONE DRESSER.
Thomas Carlin's Sons, Allegheny, Pa.

2301. TELEGRAPH CONSTRUCTION TOOLS.
Dicke Tool Co., Downers Grove, Ill.
Western Electric Co., 242 S. Jefferson St., Chicago, Ill.

A. TELEPHONE & TELEGRAPH CONSTRUCTION OUTFITS. — W. H. Anderson & Sons, Detroit, Mich.
Dicke Tool Co., Downers Grove, Ill.

2302. TELEPHONE PIN & BRACKET MACHINES.
Trevor Mfg. Co., Lockport, N. Y.

2303. TEMPLETS. National Saw Co., Newark, N. J.

2304. TERRA COTTA MACHINERY.
E. M. Freeze & Co., Galion, O.

2305. TESTING MACHINES. Buffalo Scale Co., Buffalo, N. Y.
Maryland Mfg. & Construction Co., Baltimore, Md.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Riehle Bros. Testing Mach. Co., 19 N. 6th St., Phila., Pa.

A. CAN TESTING MACHINES. Toledo Machine & Tool Co., Toledo, O.

B. CEMENT TESTERS. Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Union Water Meter Co., Worcester, Mass.

C. CLOTH TESTING MACHINES. Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.

D. IMPACT TESTING MACHINES. Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.

E. LEATHER TESTING MACHINES. Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.

F. METAL TESTERS. Illinois Iron & Bolt Co., Carpentersville, O.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.

G. PAPER TESTING MACHINES. Illinois Iron & Bolt Co., Carpentersville, Ill.
E. Morrison Paper Co., Washington, D. C.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.

H. SPRING TESTING MACHINES. Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.

I. TRACTION TESTING MACHINES. Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

J. WAX TESTING MACHINES. Progressive Iron Wks., 251 Greenpoint Av., B'klyn, N. Y.

2306. TILE MACHINERY. American Clay Working Machine Co., Bucyrus, O.
H. Brewer & Co., Tecumseh, Mich.
E. M. Freeze & Co., Galion, O.
Mich. Brick & Tile Mach. Co., Morenci, Mich.
Richmond Machine Works, Richmond, Ind.

A. HOLLOW BLOCK MACHINES. American Clay Working Machine Co., Bucyrus, O.
Mich. Brick & Tile Machine Co., Morenci, Mich.

B. REVOLVING DUMP TABLES. American Clay Working Machine Co., Bucyrus, O.

C. SEWER PIPE PRESSES. American Clay Working Machine Co., Bucyrus, O.
E. M. Freeze & Co., Galion, O.
Stevenson & Co., Wellsville, O.
Taplin, Rice & Co., Akron, O.
Webster, Camp & Lane Machine Co., Akron, O.

D. TERRA-COTTA LUMBER MACHINES. American Clay Working Machine Co., Bucyrus, O.

E. TILE DIES. American Clay Working Machine Co., Bucyrus, O.

F. TILE ELEVATORS. American Clay Working Machine Co., Bucyrus, O.
Iwan Bros., Streator, Ill.
Jeffrey Mfg. Co., Columbus, O.
Link Belt Mach. Co., 39th St. & Stewart Av., Chicago, Ill.

G. TILE KILN IRONS. Adrian Brick & Tile Machinery Co., Adrian, Mich.
D. J. C. Arnold, New London, O.

H. TILE MILLS. American Clay Working Machine Co., Bucyrus, O.

I. TILE PRESSES. G. H. Bushnell Press Co., Thompsonville, Conn.
Fisher Foundry & Machine Co., Pittsburg, Pa.

J. TILE TRUCKS. American Clay Working Machine Co., Bucyrus, O.
D. J. C. Arnold, New London, O.

2307. TIN PLATE MACHINERY.
Anderson Foundry & Machine Works, Anderson, Ind.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Phila. Roll & Mach. Co., 23d & Washington Av., Phila., Pa.
Robt. Poole & Son Co., Baltimore, Md.

2308. TIRE MACHINERY. Williams, White & Co., Moline, Ill.

A. TIRE BENDERS. Boynton & Plummer, Worcester, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Concord Axle Co., Penacook, N. H.
Fulton Iron & Engine Works, Detroit, Mich.
Jas. L. Haven Co., Cincinnati, O.
Illinois Iron & Bolt Co., Carpentersville, Ill.
David H. Potts, Lancaster, Pa.
Wiley & Russell Mfg. Co., Greenfield, Mass.

B. TIRE BOLT CLAMPS. E. C. Stearns & Co., Syracuse, N. Y.
Wiley & Russell Mfg. Co., Greenfield, Mass.

C. TIRE HEATING MACHINES. Pedrick & Ayer, 1001 Hamilton St., Phila., Pa.
Sherburne & Co., 53 Oliver St., Boston, Mass.

D. TIRE MEASURING WHEELS.	Wells Bros. & Co., Greenfield, Mass.
E. TIRE SETTERS, HAND.	J. B. West, 105 Meigs St., Rochester, N. Y.
F. TIRE SETTERS, POWER.	Defiance Machine Works, Defiance, O.
	Dupont Mfg. Co., St. Johnsburg, Vt.
	Tire Setting Machine Co., Lime Rock, Conn.
	J. B. West, 105 Meigs St., Rochester, N. Y.
G. TIRE UPSETTERS.	Boynton & Plummer, Worcester, Mass.
	Buffalo Forge Co., Buffalo, N. Y.
	Champion Blower & Forge Co., Lancaster, Pa.
	Geo. S. Comstock, Mechanicsburg, Pa.
	Fulton Iron & Engine Works, Detroit, Mich.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Wells Bros. & Co., Greenfield, Mass.
	Weyburn & Briggs Co., Rockford, Ill.
	Wiley & Russell Mfg. Co., Greenfield, Mass.
H. TIRE WELDING HAMMERS & PRESSES.	Williams, White & Co., Moline, Ill.

2309. TIRE MACHINES, BICYCLE.

	Blake & Johnson, Waterbury, Conn.

2310. TOBACCO KNIVES.

	American Axle & Tool Co., Pittsburg, Pa.
	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Loring Coes & Co., Worcester, Mass.
	Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
	Northampton Cutlery Co., Northampton, Mass.
	L. & I. J. White Co., Buffalo, N. Y.
A. TOBACCO SPUDS.	Clyde Cutlery Co., Clyde, O.

2311. TOBACCO MACHINERY.

	Buckeye Iron & Brass Works, Dayton, O.
	Cardwell Machine Co., Richmond, Va.
A. PLUG TOBACCO MOULDS.	Cardwell Machine Co., Richmond, Va.
	Laidlaw-Dunn-Gordon Co., Cincinnati, O.
	John H. McGowan Co., Cincinnati, O.
B. PLUG TOBACCO PRESSES.	Adams Tobacco Press Co., Quincy, Ill.
	John B. Adt, Baltimore, Md.
	Cardwell Machine Co., Richmond, Va.
	Laidlaw-Dunn-Gordon Co., Cincinnati, O.
	John H. McGowan Co., Cincinnati, O.
C. SNUFF MILLS.	John B. Adt, Baltimore, Md.
	Robt. Poole & Son Co., Baltimore, Md.
D. STEM ROLLERS.	John B. Adt, Baltimore, Md.
E. STEM SEPARATORS.	John B. Adt, Baltimore, Md.
F. TOBACCO CUTTING MACHINES.	John B. Adt, Baltimore, Md.
	Buckeye Iron & Brass Works, Dayton, O.
	Cardwell Machine Co., Richmond, Va.
	Jules Debeauvais, 2 Howard St., New York.
	Erie Specialty Co., Erie, Pa.
	North Bros. Mfg. Co., Lehigh Av. & Amer. St., Phila., Pa.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Penn. Hardware Co., Reading, Pa.
	Rogers Iron Co., Springfield, O.
G. TOBACCO DRYING MACHINES.	John B. Adt, Baltimore, Md.
	B. C. Bibb Stove Co., Baltimore, Md.
	Cardwell Machine Co., Richmond, Va.
	Mayo, Hysore & Co., Richmond, Va.
	Philadelphia Drying Machinery Co., Philadelphia, Pa.
	Phila. Tex. Mach. Co., Hancock & Somerset Sts., Phila., Pa.
	St. Albans Mfg. Co., St. Albans, Vt.
H. TOBACCO GRANULATORS.	John B. Adt, Baltimore, Md.
	Cardwell Machine Co., Richmond, Va.
I. TOBACCO PACKING MACHINES.	John B. Adt, Baltimore, Md.
	Cardwell Machine Co., Richmond, Va.
J. TOBACCO RINGERS.	John B. Adt, Baltimore, Md.
K. TOBACCO STRIPPING & BOOKING MACHINES.	John R. Williams Co., 102 Chambers St., New York.
L. TOBACCO VIBRATING MACHINES.	John B. Adt, Baltimore, Md.

2312. TOBACCO SHAVES.

	Landers, Frary & Clark, New Britain, Conn.
	North Bros. Mfg. Co., Lehigh Av. & Amer. Sts., Phila., Pa.

2313. TONGS.

A. BENT TONGS.	Dicke Tool Co., Downers Grove, Ill.
B. CHAIN TONGS.	R. R. Howell & Co., Minneapolis, Minn.
	W. H. Nicholson & Co., Wilkes-Barre, Pa.
C. CRUCIBLE TONGS.	Byram & Co., Detroit, Mich.
D. MACHINISTS' TOOLS.	Dicke Tool Co., Downers Grove, Ill.
E. STRAIGHT LIP TONGS.	Dicke Tool Co., Downers Grove, Ill.

F. WEDGE TONGS.	Chandlee Fence Co., 11 S. Howard St., Baltimore, Md.
2314. TOOL CABINETS.	Millers Falls Co., Millers Falls, Mass.
315. TOOL CHESTS.	American Tool Chest Co., 200 W. Houston St., New York.
	Frasse Co., 19 Warren St., New York.
A. AMATEUR TOOL CASES.	American Tool Chest Co., 200 W. Houston St., New York.
B. MACHINISTS' TOOL CHESTS.	American Tool Chest Co., 200 W. Houston St., New York.
	R. Bliss Mfg. Co., Pawtucket, R. I.
	C. E. Jennings & Co., 79 Reade St., New York.
C. RAILROAD & MINERS' TOOL CHESTS.	American Tool Chest Co., 200 W. Houston St., New York.
D. TOOL BOXES, STEEL.	W. J. Clark Co., Salem, O.
2316. TOOL HANDLES.	James Baldwin Co., Manchester, N. H.
	Wm. R. Hartigan, Collinsville, Conn.
	Hill Bros. & Co., Williamsburg, Mass.
	Ohio Boat Oar Co., Cleveland, O.
	Ohio Tool Co., Columbus, O.
	Piqua Handle & Mfg. Co., Piqua, O.
	Redlich Mfg. Co., 2 Oak St., Chicago, Ill.
	Union Hardware Co., Torrington, Conn.
	Winona Wood Rim Co., Winona, Minn.
A. ADZE HANDLES.	Frankfort Handle Mfg. Co., Frankfort, Ind.
	Harrisburg Handle Co., Bristol, Tenn.
	Hartwell Bros., Vincinnes, Ind.
	Hartwell Mfg. Co., Huntingburg, Ind.
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.
	Winona Wood Rim Co., Winona, Minn.
B. AUGER HANDLES.	R. Bliss Mfg. Co., Pawtucket, R. I.
	C. E. Jennings & Co., 79 Reade St., New York.
	Ohio Tool Co., Columbus, O.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Piqua Handle & Mfg. Co., Piqua, O.
	Sandusky Tool Co., Sandusky, O.
	Jas. Swan Co., Seymour, Conn.
	Williams & Marvin, Deep River, Conn.
C. AWL HANDLES.	R. Bliss Mfg. Co., Pawtucket, R. I.
	H. Chapin's Sons Co., Pine Meadow, Conn.
	E. B. Estes & Sons, 45 John St., New York.
	Knapp & Cowles, Bridgeport, Conn.
	H. A. Lothrop Mfg. Co., Sharon, Mass.
	Novelty Wood Works, Union City, Pa.
	Ohio Tool Co., Columbus, O.
	H. F. Osborne, Newark, N. J.
	Paris Handle Factory, Paris, Tex.
	Piqua Handle & Mfg. Co., Piqua, O.
	Sandusky Tool Co., Sandusky, O.
	Stanley Rule & Level Co., New Britain, Conn.
	Trenton Handle Mfg. Co., Trenton, Mo.
	Union Hardware Co., Torrington, Conn.
	Williams & Marvin, Deep River, Conn.
D. AXE HANDLES.	Nathan Ripley Flint, East Hiram, Me.
	Frankfort Handle Mfg. Co., Frankfort, Ind.
	Harrisburg Handle Co., Bristol, Tenn.
	Hartwell Bros., Vincennes, Ind.
	Hartwell Mfg. Co., Huntingburg, Ind.
	Hartzell Handle Co., Huntington, W. Va.
	Horatio Kelsey, Clinton, Conn.
	Nashville Spoke & Handle Co., Nashville, Tenn.
	Standard Handle Co., Knoxville, Tenn.
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.
E. BLACKSMITHS' HANDLES.	Frankfort Handle Mfg. Co., Frankfort, Ind.
	Paris Handle Factory, Paris, Tex.
	Trenton Handle Mfg. Co., Trenton, Mo.
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.
F. BRACE HANDLES & HEADS.	Piqua Handle & Mfg. Co., Piqua, O.
G. BUCK SAW FRAMES.	Brennan & Co., Louisville, Ky.
	Chandler & Taylor Co., Indianapolis, Ind.
	E. E. Jennings & Co., 79 Reade St., New York.
	Ohio Tool Co., Columbus, O.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
H. CANT HOOK HANDLES.	J. A. Dubriar Mfg. Co., Northville, Mich.
	Piqua Handle & Mfg. Co., Piqua, O.
I. CARVING TOOL HANDLES.	H. Chapin's Sons Co., Pine Meadow, Conn.
J. CHISEL HANDLES.	R. Bliss Mfg. Co., Pawtucket, R. I.
	H. Chapin's Sons Co., Pine Meadow, Conn.
	Hartwell Mfg. Co., Huntingburg, Ind.

	Nashville Spoke & Handle Co., Nashville, Tenn.
	Ohio Tool Co., Columbus, O.
	Piqua Handle Mfg. Co., Piqua, O.
	Sandusky Tool Co., Sandusky, O.
	E. C. Stearns & Co., Syracuse, N. Y.
	Jas. Swan Co., Seymour, Conn.
	Union Hardware Co., Torrington, Conn.
	Williams & Marvin, Deep River, Conn.
	Winona Wood Rim Co., Winona, Minn.
K. CLEVER HANDLES.	Piqua Handle & Mfg. Co., Piqua, O.
L. CRANK HANDLES.	Piqua Handle & Mfg. Co., Piqua, O.
M. "D" HANDLES.	Piqua Handle & Mfg. Co., Piqua, O.
	O. B. Selfridge Co., Lima, O.
N. FARMING TOOL HANDLES.	Brown, Hinman & Huntington Co., Columbus, O.
	Derby & Ball, Bellows Falls, Vt.
	E. B. Estes & Sons, 45 John St., New York.
	Findlay Stave & Handle Co., Findlay, O.
	Geneva Tool Co., Geneva, O.
	G. V. Griffith & Son, Huntington, Ind.
	A. W. Holloway, Lebanon, Ind.
	Iowa Farming Tool Co., Fort Madison, Iowa.
	Kerr Bros. & Co., Hicksville, O.
	G. B. Lesh Mfg. Co., Warsaw, Ind.
	Richard W. Montross, Galien, Mich.
	Nashville Spoke & Handle Co., Nashville, Tenn.
	Paris Handle Factory, Paris, Tex.
	Piqua Handle & Mfg. Co., Piqua, O.
	Trenton Handle Mfg. Co., Trenton, Mo.
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.
	Withington & Cooley Mfg. Co., Jackson, Mich.
O. FILE HANDLES.	Chantrell Tool Co., Reading, Pa.
	H. Chapin's Sons Co., Pine Meadow, Conn.
	Hartwell Mfg. Co., Huntingburg, Ind.
	Novelty Wood Works, Union City, Pa.
	Ohio Tool Co., Columbus, O.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Piqua Handle & Mfg. Co., Piqua, O.
	Sandusky Tool Co., Sandusky, O.
	Union Hardware Co., Torrington, Conn.
	Williams & Marvin, Deep River, Conn.
P. FORK HANDLES.	Alexander & Perkins, Sunapee, N. H.
	Derby & Ball, Bellows Falls, Vt.
	Kerr Bros. & Co., Hicksville, O.
	Paris Handle Factory, Paris, O.
	Piqua Handle & Mfg. Co., Piqua, O.
	O. B. Selfridge Co., Lima, O.
	Trenton Handle Mfg. Co., Trenton, Mo.
	Withington & Cooley Mfg. Co., Jackson, Mich.
Q. GARDEN SET HANDLES.	Piqua Handle & Mfg. Co., Piqua, O.
R. HAMMER HANDLES.	E. B. Estes & Sons, 45 John St., New York.
	Frankfort Handle Mfg. Co., Frankfort, Ind.
	Harrisburg Handle Co., Bristol, Tenn.
	Hartwell Bros., Vincennes, Ind.
	Hartwell Mfg. Co., Huntingburg, Ind.
	Hartzell Handle Co., Huntington, W. Va.
	H. H. Harvey, Boston, Mass.
	Horatio Kelsey, Clinton, Conn.
	Nashville Spoke & Handle Co., Nashville, Tenn.
	Piqua Handle & Mfg. Co., Piqua, O.
	Standard Handle Co., Knoxville, Tenn.
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.
	Winona Wood Rim Co., Winona, Minn.
S. HATCHET HANDLES.	E. B. Estes & Sons, 45 John St., New York.
	Frankfort Handle Mfg. Co., Frankfort, Ind.
	Hartwell Bros., Vincennes, Ind.
	Hartwell Mfg. Co., Huntingburg, Ind.
	Hartzell Handle Co., Huntington, W. Va.
	Harrisburg Handle Co., Bristol Tenn.
	Horatio Kelsey, Clinton, O.
	Nashville Spokes & Handle Co., Nashville, Tenn.
	Piqua Handle & Mfg. Co., Piqua, O.
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.
T. HICKORY HANDLES.	Frankfort Handle Mfg. Co., Frankfort, Ind.
	Hartwell Bros., Vincennes, Ind.
	Hartzell Handle Co., Huntington, W. Va.
	Standard Handle Co., Knoxville, Tenn.

	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.	
U. HOE HANDLES.	Alexander & Perkins, Sunapee, N. H.	
	Amsterdam Broom Co., Buffalo, N. Y.	
	Nashville Spoke & Handle Co., Nashville, Tenn.	
	Piqua Handle & Mfg. Co., Piqua, O.	
	Withington & Cooley Mfg. Co., Jackson, Mich.	
V. HOLLOW HANDLES, TOOL.	Chantrell Tool Co., Reading, Pa.	
W. ICE HOOK HANDLES.	Kerr Bros. & Co., Hicksville, O.	
	Piqua Handle & Mfg. Co., Piqua, O.	
X. ICE PICK HANDLES.	E. B. Estes & Sons, 45 John St., New York.	
	Nashville Spoke & Handle Co., Nashville, Tenn.	
	Novelty Wood Works, Union City, Pa.	
	Piqua Handle & Mfg. Co., Piqua, O.	
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.	
	Williams & Marvin, Deep River, Conn.	
Y. IRON HANDLES.	A. F. Bannister & Co., Newark, N. J.	
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.	
Z. MACHINE HANDLES.	Keystone Drop Forge Co., 20th & Clearfield Sts., Phila, Pa.	
	Piqua Handle & Mfg. Co., Piqua, O.	
AA. MAUL HANDLES.	Frankfort Handle Mfg. Co., Frankfort, Ind.	
	Harrisburg Handle Co., Bristol, Tenn.	
	Hartwell Bros., Vincennes, Ind.	
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.	
BB. PICK HANDLES.	Frankfort Handle Mfg. Co., Frankfort, Ind.	
	Harrisburg Handle Co., Bristol, Tenn.	
	Hartwell Bros., Vincennes, Ind.	
	Hartwell Mfg. Co., Huntingburg, Ind.	
	Hartzell Handle Co., Huntington, W. Va.	
	H. H. Harvey, Boston, Mass.	
	Horatio Kelsey, Clinton, Conn.	
	Nashville Spoke & Handle Co., Nashville, Tenn.	
	Standard Handle Co., Knoxville, Tenn.	
	Turner, Day & Woolworth Mfg. Co., Louisville, Ky.	
CC. PLANE HANDLES.	H. Chapin's Sons Co., Pine Meadow, Conn.	
	National Saw Co., Newark, N. J.	
	Ohio Tool Co., Columbus, O.	
	Sandusky Tool Co., Sandusky, O.	
	Stanley Rule & Level Co., New Britain, Conn.	
DD. RAKE HANDLES.	Amsterdam Broom Co., Buffalo, N. Y.	
	J. Cheesebrough, Freeport, Mich.	
	Nashville Spoke & Handle Co., Nashville, Tenn.	
	Piqua Handle & Mfg. Co., Piqua, O.	
	Rugg Mfg. Co., Greenfield, Mass.	
	Withington & Cooley Mfg. Co., Jackson, Mich.	
EE. RAWHIDE TOOL HANDLES.	New Process Rawhide Co., Syracuse, N. Y.	
FF. SAD IRON HANDLES.	Piqua Handle & Mfg. Co., Piqua, O.	
GG. SAW HANDLES.	American Saw Co., Trenton, N. J.	
	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
	H. Chapin's Sons Co., Pine Meadow, Conn.	
	E. B. Estes & Sons, 45 John St., New York.	
	National Saw Co., Newark, N. J.	
	Paris Handle Factory, Paris, Tex.	
	Sandusky Tool Co., Sandusky, O.	
	Stanley Rule & Level Co., New Britain, Conn.	
	Trenton Handle Mfg. Co., Trenton, Mo.	
HH. SAW HANDLES, CROSS CUT.	American Saw Co., Trenton, N. J.	
	National Saw Co., Newark, N. J.	
	Piqua Handle & Mfg. Co., Piqua, O.	
II. SCOOP HANDLES.	Piqua Handle & Mfg. Co., Piqua, O.	
	Withington & Cooley Mfg. Co., Jackson, Mich.	
JJ. SCREW DRIVER HANDLES.	H. Chapin's Sons Co., Pine Meadow, Conn.	
	E. B. Estes & Sons, 45 John St., New York.	
	Nashville Spoke & Handle Co., Nashville, Tenn.	
	Piqua Handle & Mfg. Co., Piqua, O.	
	Stanley Rule & Level Co., New Britain, Conn.	
	Union Hardware Co., Torrington, Conn.	
KK. SHOE KNIFE HANDLES.	E. B. Estes & Sons, 45 John St., New York.	
	Nashville Spoke & Handle Co., Nashville, Tenn.	
	Piqua Handle & Mfg. Co., Piqua, O.	
	Sewing Machine Supplies Co., Boston, Mass.	
LL. SHOVEL HANDLES.	Kerr Bros. & Co., Hicksville, O.	
	Marion Handle Works, Marion, Ind.	
	Piqua Handle & Mfg. Co., Piqua, O.	
	Withington & Cooley Mfg. Co., Jackson, Mich.	
MM. SLEDGE HANDLES.	Frankfort Handle Mfg. Co., Frankfort, Ind.	

Harrisburg Handle Co., Bristol, Tenn.
Hartwell Bros., Vincennes, Ind.
Hartwell Mfg. Co., Huntingburg, Ind.
Hartzell Handle Co., Huntington, W. Va.
H. H. Harvey, Boston, Mass.
Nashville Spoke & Handle Co., Nashville, Tenn.
Standard Handle Co., Knoxville, Tenn.
Turner, Day & Woolworth Mfg. Co., Louisville, Ky.

NN. SOLDERING IRON HANDLES. Horatio Kelsey, Clinton, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.

OO. SPADE HANDLES. Marion Handle Works, Marion, Ind.
Paris Handle Factory, Paris, Tex.
Piqua Handle & Mfg. Co., Piqua, O.
Withington & Cooley Mfg. Co., Jackson, Mich.

PP. SPECIAL HANDLES. Hartzell Handle Co., Huntington, W. Va.

QQ. STAVE CUTTER HANDLES. Horatio Kelsey, Clinton, Conn.

RR. STRAIGHT TAPER HANDLES. Piqua Handle Mfg. Co., Piqua, O.
Turner, Day & Woolworth Mfg. Co., Louisville, Ky.

SS. TROWEL HANDLES. Piqua Handle & Mfg. Co., Piqua, O.

TT. WRENCH HANDLES. Novelty Wood Works, Union City, Pa.
Piqua Handle & Mfg. Co., Piqua, O.
Williams & Marvin, Deep River, Conn.

2317. TOOL MAKERS' MACHINERY.
Faneuil Watch Tool Co., Boston, Mass.

2318. TOOL SETS, HOLLOW HANDLE.
John S. Fray & Co., Bridgeport, Conn.
C. E. Jennings & Co., 79 Reade St., New York.
Stanley Rule & Level Co., New Britain, Conn.

2319. TOOTH PICK MACHINERY.
J. C. Donnelly, 427 N. 13th St., Philadelphia, Pa.
Herrick & Cowell, New Haven, Conn.

2320. TRACING WHEELS. J. H. Hoague, Chicopee, Mass.
C. S. Osborne & Co., Newark, N. J.
F. P. Rosback, 60 S. Canal St., Chicago, Ill.
Sewing Machine Supplies Co., Boston, Mass.
Specialty Mfg. Co., Waterbury, Conn.

A. COMBINED BIAS CUTTER & TRACING WHEEL. New England Novelty Mfg. Co., Boston, Mass.

B. STITCH WHEELS. Snell & Atherton, Brockton, Mass.

2321. TRAMWAYS, OVERHEAD.
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Edwin Harrington, Son & Co., Inc., 15th St., Phila., Pa.
Reading Crane & Hoist Works, Reading, Pa.

2322. TREE FELLING MACHINES, STEAM.
Wm. E. Hill & Co., Kalamazoo, Mich.

2323. TROLLEYS, OVERHEAD.
C. W. Hunt Co., 45 Broadway, New York.
Rawson & Morrison Mfg. Co., Boston, Mass.
Reading Crane & Hoist Works, Reading, Pa.

2324. TROWELS. E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Sidney Shepard & Co., Buffalo, N. Y.

2325. TUBE EXPANDERS. Richard Dudgeon, 24 Columbia St., New York.

2326. TUNNELLING MACHINES.
Ingersoll-Sergeant Drill Co., 26 Cortlandt St., New York.
Rand Drill Co., 100 Broadway, New York.
Watson-Stillman Co., 210 E. 43d St., New York.

2327. TURNBUCKLE TAPPERS.
National Machinery Co., Tiffin, O.

2328. TWEEZERS. O. W. Bullock & Co., Springfield, Mass.
A. N. Clark & Son, Plainville, Conn.
R. Hoe & Co., 504 Grand St., New York.
Kendreck & Davis, Lebanon, N. H.
F. Wesel Mfg. Co., 82 Fulton St., New York.

2329. TYPESETTING MACHINES.
R. H. Brown & Co., New Haven, Conn.
Thorne Typesetting Machine Co., Hartford, Conn.
Unitype Co., 150 Nassau St., New York.

A. LINOTYPE MACHINES. Mergenthaler Linotype Co., Tribune Bldg., New York.

2330. TYPEWRITING MACHINES.
American Typewriter Co., 265 Broadway, New York.
American Writing Machine Co., 237 Broadway, New York.
W. J. Blickensderfer & Co., 195 La Salle St., Chicago, Ill.

Crandall Machine Co., Groton, N. Y.
De Fox Typewriter Co., Grand Rapids, Mich.
Densmore Typewriter Co., 316 Broadway, New York.
Duplex Jewett Typewriters, Des Moines, Iowa.
Hammond Typewriter Co., 403 E. 62d St., New York.
Hartford Typewriter Co., Hartford, Conn.
Edgar A. Hill, 889 N. Ashland St., Chicago, Ill.
Munson Typewriter Co., 94 Wendell St., Chicago, Ill.
National Typewriter Co., Boston, Mass.
Oliver Typewriter Co., 101 Dearborn St., Chicago, Ill.
Pope Mfg. Co., Hartford, Conn.
Remington Scholes Co., 127 Rees St., Chicago, Ill.
Remington Standard Typewriter Co., Ilion, N. Y.
Simplex Typewriter Co., 24 E. 13th St., New York.
Smith Premier Typewriter Co., Syracuse, N. Y.
Williams Mfg. Co., Plattsburg, N. Y.

A. TYPEWRITER PLATTENS. F. S. Webster Co., Boston, Mass.

2331. UNIVERSAL CUTTERS & TOOL GRINDERS.
Cincinnati Milling Mach. Co., Cincinnati, O.

2332. UNIVERSAL TRIMMERS.
Chas. Strelinger Co., Detroit, Mich.

2333. VACUUM PUMPS, INCANDESCENT LAMP.
Norman Hubbard, 93 Pearl St., Brooklyn, N. Y.

2334. VALVE RE-SEATING MACHINES.
C. F. Hall, Son & Co., Skaneateles, N. Y.
Leavitt Machine Co., Orange, Mass.

2335. VANILLA BEAN CUTTERS.
B. Staubach, 652 E. 12th St., New York.

2336. VENTILATING MACHINES.
Howard & Morse, 45 Fulton St., New York.

2337. VISES.
Adams Co., Dubuque, Iowa.
Athol Machine Co., Athol, Mass.
Bonney Vise & Tool Works, 3015 Chestnut St., Phila., Pa.
Crane Co., 18 N. Jefferson St., Chicago, Ill.
Gould & Eberhardt, Newark, N. J.
Hollands Mfg. Co., Erie, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Meadville Vise Co., Meadville, Pa.
Chas. Parker Co., Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Prentiss Vise Co., 44 Barclay St., New York.
D. Saunder's Sons, Yonkers, N. Y.
Tower & Lyon, 95 Chambers St., New York.

A. AMATEUR VISES. Athol Machine Co., Athol, Mass.
Billings & Spencer Co., Hartford, Conn.
Prentiss Vise Co., 44 Barclay St., New York.
H. B. Smith Co., Westfield, Mass.

B. BENCH VISES. Armstrong Mfg. Co., Bridgeport, Conn. *18
Athol Machine Co., Athol, Mass.
Billings & Spencer Co., Hartford, Conn.
Fulton Iron & Engine Works, Detroit, Mich.
Howard Iron Works, Buffalo, N. Y.
Joyce-Cridland Co., Dayton, O.
Meadville Vise Co., Meadville, Pa.
Pedrick & Ayer, 1001 Hamilton St., Philadelphia, Pa.
H. B. Smith Co., Westfield, Mass.
H. B. Smith Machine Co., Smithville, N. J.
E. C. Stearns & Co., Syracuse, N. Y.
Tower & Lyon, 95 Chambers St., New York.
Van Wagoner & Williams Hdw. Co., 14 Warren St., N. York.
Wyman & Gordon, Worcester, Mass.

C. BLACKSMITHS' VISES. Armstrong Mfg. Co., Bridgeport, Conn. *18
Howard Iron Works, Buffalo, N. Y.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Nixdorf-Krein Mfg. Co., St. Louis, Mo.
Prentiss Vise Co., 44 Barclay St., New York.
H. B. Smith Co., Westfield, Mass.
Van Wagoner & Williams Hdw. Co., 14 Warren St., N. York.

D. CARPET VISES. Dicke Tool Co., Downers Grove, Ill.
Kraeuter Co., Newark, N. J.

E. CARRIAGE MAKERS' VISES. Athol Machine Co., Athol, Mass.
H. Chapin's Sons Co., Pine Meadow, Conn.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Meadville Vise Co., Meadville, Pa.
Van Wagoner & Williams Hdw. Co., 14 Warren St., N. York.

F. COMBINATION VISES. Billings & Spencer Co., Hartford, Conn.

	Fairbanks Co., 311 Broadway, New York.
	D. Saunder's Sons, Yonkers, N. Y.
G. FARMERS' VISES.	Athol Machine Co., Athol, Mass.
	Howard Iron Works, Buffalo, N. Y.
	Meadville Vise Co., Meadville, Pa.
	Prentiss Vise Co., 44 Barclay St., New York.
H. FOOT VISES.	P. F. Burke, Boston, Mass.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	A. R. Thompson, Stevenson Bldg., Indianapolis, Ind.
	Wells Bros. & Co., Greenfield, Mass.
I. HAND VISES.	Athol Machine Co., Athol, Mass.
	Billings & Spencer Co., Hartford, Conn.
	C. E. Billings Mfg. Co., Rocky Hill, Conn.
	J. H. Hoague, Chicopee, Mass.
J. HEAVY CLIPPING VISES.	Athol Machine Co., Athol, Mass.
	Bonney Vise & Tool Wks., 3015 Chestnut St., Phila., Pa.
	Howard Iron Works, Buffalo, N. Y.
	Iron City Tool Works, Ltd., Pittsburg, Pa.
	Meadville Vise Co., Meadville, Pa.
	Prentiss Vise Co., 44 Barclay St., New York.
K. MACHINISTS' VISES.	Ayars Machine Co., Salem, N. J.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Vanderbeck Tool Works, Hartford, Conn.
	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. York.
L. OFFSET JAW VISES.	Meadville Vise Co., Meadville, Pa.
	Prentiss Vise Co., 44 Barclay St., New York.
M. OVAL SLIDE VISES.	Athol Machine Co., Athol, Mass.
	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. York.
N. PARALLEL VISES.	Athol Machine Co., Athol, Mass.
	Eagle Anvil Works, Trenton, N. J.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Meadville Vise Co., Meadville, Pa.
	Merrill Bros., Kent Av., Brooklyn, N. Y.
O. RAPID TRANSIT VISES.	Athol Machine Co., Athol, Mass.
	Prentiss Vise Co., New York.
	Wyman & Gordon, Worcester, Mass.
P. SAW VISES.	Bonney Vise & Tool Works, Philadelphia, Pa.
	Cincinnati Tool Co., Cincinnati, O.
	Seneca Falls Mfg. Co., Seneca Falls, N. Y.
	E. C. Stearns & Co., Syracuse, N. Y.
Q. SAW VISES, SILENT.	E. C. Stearns & Co., Syracuse, N. Y.
R. SELF ADJUSTING JAW VISES.	Garvin Machine Co., Spring & Varick Sts., New York.
	Prentiss Vise Co., New York.
	Wyman & Gordon, Worcester, Mass.
S. SOLID BOX VISES.	Iron City Tool Works, Ltd., Pittsburg, Pa.
	Van Wagoner & Williams Hdw. Co., 14 Warren St., N. York.
T. SWIVEL VISES.	Athol Machine Co., Athol, Mass.
	Meadville Vise Co., Meadville, Pa.
	Merrill Bros., 60 Kent Av., Brooklyn, N. Y.
	Prentiss Vise Co., 44 Barclay St., New York.
	Michael J. Stark & Sons, Buffalo, N. Y.
U. VISE BOXES & SCREWS.	Iron City Tool Works, Ltd., Pittsburg, Pa.
	Prentiss Vise Co., 44 Barclay St., New York.
V. VISE FILE HOLDERS.	Meadville Vise Co., Meadville, Pa.
W. VISE STANDS, PORTABLE.	Jenkins & Lingle, Bellefonte, Pa.
X. WOODWORKERS' POST VISES.	Meadville Vise Co., Meadville, Pa.

2338. WAGON AND CARRIAGE MACHINERY.

A. CARRIAGE MACHINES.	Defiance Machine Works, Defiance, O.
	J. A. Fay & Egan Co., Cincinnati, O.
	Greenlee Bros. & Co., 225 W. 12th St., Chicago, Ill.
B. WAGON MACHINES.	Buss Machine Works, Grand Rapids, Mich.
	Defiance Machine Works, Defiance, O.
C. WAGON MAKERS' KNIVES.	Ohio Tool Co., Columbus, O.
2339. WAGON JACKS.	C. G. Allen & Co., Barre, Mass.
	Joseph Allen, Palmyra, N. Y.
	Ames Plow Co., Quincy Hall, Boston, Mass.
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Batavia Carriage Wheel Co., Batavia, N. Y.
	Wm. Bukert, Allegheny City, Pa.
	Belcher & Taylor Agricult'l Tool Co., Chicopee Falls, Mass.
	Boston & Lockport Block Co., Boston, Mass.
	A. Buch's Sons, Elizabethtown, Pa.
	Chalfant Mfg. Co., Lancaster, Pa.
	Covert Mfg. Co., West Troy, N. Y.
	Covert Saddlery Works, Farmer, N. Y.

Eureka Mower Co., Utica, N. Y.
Foster & Williams Mfg. Co., Racine, Wis.
H. N. Hubbard, 18 Cliff St., New York.
Hughes & Smythe, Galena, O.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Jenkins Iron & Tool Co., Bellefonte, Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
Lansing Wheelbarrow Co., Lansing, Mich.
Milburn Wagon Co., Toledo, O.
Richard W. Montross, Galien, Mich.
National Tubular Axle Co., Emigsville, Pa.
Thos. Peppler, Hightstown, N. J.
Edwin Prescott, Boston, Mass.
Racine Malleable & Wrought Iron Co., Racine, Wis.
St. Albans Foundry Co., St. Albans, Vt.
Henry Schomer, 301 S. Canal St., Chicago, Ill.
Shangle, Sering & Son, Hightstown, N. J.
Silver Mfg. Co., Salem, O.
Sutton Bros. & Bell, Indiana, Pa.
George Wheeler, Norwich, N. Y.
Winona Fence Co., Winona, Minn.
Winona Wood Rim Co., Winona, Minn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

2340. WALL PAPER HANGERS' TOOLS.

A. PAPER HANGERS' KNIVES. Reilley Bros., 322 W. 41st St., New York.
Tuck Mfg. Co., Brockton, Mass.

B. PAPER HANGERS' ROLLERS. Reilley Bros., 322 W. 41st St., New York.
T. W. & C. B. Sheridan, 2 Reade St., New York.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.

C. PLASTER RETAINERS. Pullman Sash Balance Co., Rochester, N. Y.

D. WALL PAPER BUNDLERS. Reilley Bros., 322 W. 41st St., New York.

E. WALL PAPER PASTING MACHINES. Reilley Bros., 322 W. 41st St., New York.

F. WALL PAPER TRIMMERS. Reilley Bros., 322 W. 41st St., New York.

G. WALL PAPER TRIMMING MACHINES. Reilley Bros., 322 W. 41st St., New York.

H. WALL SCRAPERS. National Saw Co., Newark ,N. J.
Reilley Bros., 322 W. 41st St., New York.
John Stortz & Son, 210 Vine St., Philadelphia, Pa.

2341. WASHER CUTTERS. Cincinnati Tool Co., Cincinnati, O.
Kraeuter Co., Newark, N. J.
C. S. Osborne & Co., Newark, N. J.
Phila. Novelty Mfg. Co., 324 Tree St., Philadelphia, Pa.
Otis A. Smith, Rockfall, Conn.
Samuel C. Tatum Co., Cincinnati, O.
Tower & Lyon, 95 Chambers St., New York.
F. R. Woodward, Hill, N. H.

2342. WASTE OIL FILTERS. K. H. Hall, 40 Cortlandt St., New York.
Jas. L. Robertson & Sons, 204 Fulton St., New York.

2343. WATCH CASE MACHINES.
Geo. M. Griswold, New Haven, Conn.
Noble & Hunt, Newark, N. J.
Sloan & Choce Mfg. Co., Ltd., Newark, N. J.
Waltham Watch Tool Co. of Springfield, Springfield, Mass.

2344. WATCH TOOLS. American Watch Tool Co., Waltham, Mass.
O. W. Bullock & Co., Springfield, Mass.
A. N. Clark & Son, Plainville, Conn.
Faneuil Watch Tool Co., Boston, Mass.
Harding Bros., 1036 Lincoln Av., Chicago, Ill.
Kendrick & Davis, Lebanon, N. H.
Moseley Lathe Co., Elgin, Ill.
Waltham Watch Tool Co. of Springfield, Springfield, Mass.

A. PINION CUTTERS. O. W. Bullock & Co., Springfield, Mass.
Faneuil Watch Tool Co., Boston, Mass.

B. PIN VISES. O. W. Bullock & Co., Springfield, Mass.

C. STAKING TOOLS. Faneuil Watch Tool Co., Brighton, Boston, Mass.
Kendrick & Davis, Lebanon, N. H.

D. WATCH MAKERS' BENCHES. H. C. Underwood Mfg. Co., Wabash, Ind.

E. WATCH MAKERS' LATHE CHUCKS. O. W. Bullock & Co., Springfield, Mass.
Moseley Lathe Co., Elgin, Ill.

F. WATCH MAKERS' LATHES. O. W. Bullock & Co., Springfield, Mass.
Faneuil Watch Tool Co., Boston, Mass.
Moseley Lathe Co., Elgin, Ill.

G. WHEEL CUTTERS. O. W. Bullock & Co., Springfield, Mass.
Faneuil Watch Tool Co., Boston, Mass.

2345. WATER COOLING MACHINES.
Newburg Ice Machine & Engine Co., Newburg, N. Y.

2346. WATER FILTERS.
Champion Safety Lock Co., Cleveland, O.
Cumberland Mfg. Co., Boston, Mass.
O. H. Jewell Filter Co., 40 W. Quincy St., Chicago, Ill.
Loew Filter Co., Cleveland, O.
New York Filter Mfg. Co., 26 Cortlandt St., New York.
Norwood Engineering Co., Florence, Mass.
Peck Bros. & Co., New Haven, Conn.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Ross Valve Co., Troy, N. Y.
Geo. L. Squier Mfg. Co., Buffalo, N. Y.
Walworth Mfg. Co., Boston, Mass.

A. FEED WATER FILTERS.
Albany Steam Trap Co., Albany, N. Y.
Ross Valve Co., Troy, N. Y.

B. ICE MACHINE FILTERS.
Frick Co., Waynesboro, Pa. *9
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

C. PRESSURE WATER FILTERS.
Field Force Pump Co., Lockport, N. Y.
Norwood Engineering Co., Florence, Mass.

2347. WAX CUTTERS.
Progressive Iron Wks. Co., 255 Greenpoint Av., B'klyn, N. Y.

2348. WEDGES.

A. COAL WEDGES.
Atha Tool Co., Newark, N. J.
Collins Co., Collinsville, Conn.
Detroit Steel & Spring Co., Detroit, Mich.
Abner Doble Co., San Francisco, Cal.
H. H. Harvey, Boston, Mass.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Fayette R. Plumb, Tucker, c. James St., Philadelphia, Pa.

B. STEEL WEDGES.
Collins Co., Collinsville, Conn.
Henry H. Harvey, Boston, Mass.
Iron City Tool Works, Ltd., Pittsburg, Pa.

C. WOODCHOPPERS' WEDGES.
Atha Tool Co., Newark, N. J.
Carter & Co., Scranton, Pa.
Collins Co., Collinsville, Conn.
Detroit Steel & Spring Co., Detroit, Mich.
Abner Doble Co., San Francisco, Cal.
H. H. Harvey, Boston, Mass.
Iron City Tool Works, Ltd., Pittsburg, Pa.
Fayette R. Plumb, Tucker, c. James St., Philadelphia, Pa.

D. WOODEN WEDGES.
Dann Bros. & Co., New Haven, Conn.

2349. WEIGHING MACHINES.
Watson-Stillman Co., 204 E. 43d St., New York.

2350. WELL MACHINERY & TOOLS.

A. AIR WATER LIFTS.
American Well Works, Aurora, Ill.

B. ARTESIAN WELL MACHINES.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Fort Scott Foundry & Mach. Co., Fort Scott, Kan.
Fort Worth Iron Works, Fort Worth, Tex.
R. R. Howell & Co., Minneapolis, Minn.
Keystone Driller Co., Beaver Falls, Pa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Williams Bros., Ithaca, N. Y.

C. ARTESIAN WELL TOOLS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fort Worth Iron Works, Fort Worth, Tex.
Olmsted & Co., 100 N. Clinton St., Chicago, Ill.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Williams Bros., Ithaca, N. Y.

D. BULL WHEELS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Coss & Stinebaugh, Lima, O.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
E. C. Stearns & Co., Syracuse, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.
Williams Bros., Ithaca, N. Y.

E. DRIVE WELL EQUIPMENTS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

F. DRIVE WELL PIPE HOLDERS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.

Olmsted & Co., 100 N. Clinton St., Chicago, Ill.

G. DRIVE WELL PIPE LIFTERS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Olmsted & Co., 100 N. Clinton St., Chicago, Ill.

H. DRIVE WELL POINTS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Barnes Mfg. Co., Mansfield, O.
C. G. Blatchley, S. Swanson & McKean Sts., Phila., Pa.
A. D. Cook, Lawrenceburg, Ind.
Flint & Walling Mfg. Co., Kendallville, Ind.
Humphryes' Mfg. Co., Mansfield, O.
Olmsted & Co., 100 N. Clinton St., Chicago, Ill.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

I. EARTH AUGERS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Chickasaw Iron Works, Memphis, Tenn.
R. R. Howell & Co., Minneapolis, Minn.
Morrison Mfg. Co., Fort Madison, Iowa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Williams Bros., Ithaca, N. Y.

J. OIL WELL MACHINES.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
P. O. Benjamin Mfg. Co., Lafayette, Ind.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Loomis & Nyman, Tiffin, O.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Struthers, Wells & Co., Warren, Pa.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Williams Bros., 104 W. State St., Ithaca, N. Y.

K. OIL WELL TOOLS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Fort Worth Iron Works, Fort Worth, Tex.
J. Herbertson's Sons, Cadwallader, Pa.
A. T. Irvine, Duke Centre, Pa.
McDougall & Potter Co., 606 W. 55th St., New York.
Novelty Iron Works, Dubuque, Iowa.
Oil Well Supply Co., Pittsburg, Pa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
St. Louis Well Machine & Tool Co., St. Louis, Mo.
James Smith, Franklin, Penn.
Williams Bros., Ithaca, N. Y.

L. RIG IRONS.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Williams Bros., Ithaca, N. Y.

M. TRACTION DRILLING MACHINES.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Keystone Driller Co., Beaver Falls, Pa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.

N. WELL SINKING MACHINES.
American Well Works, Aurora, Ill.
F. C. Austin Mfg. Co., Harvey, Ill.
Blue Valley Mfg. Co., Manhattan, Kan.
Brass & Iron Works Co., Fostoria, O.
F. F. Collins Mfg. Co., San Antonio, Tex.
Dempster Mill Mfg. Co., Beatrice, Neb.
Diamond Drill & Machine Co., Birdsbora, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
W. H. Gray & Bros., Milwaukee, Wis.
R. R. Howell & Co., Minneapolis, Minn.
Kalamazoo Tubular Well Co., Kalamazoo, Mich.
Kelly & Taneyhill, Waterloo, Iowa.
Keystone Driller Co., Beaver Falls, Pa.
Loomis & Nyman, Tiffin, O.
Novelty Iron Works, Dubuque, Iowa.
Oil Well Supply Co., Pittsburg, Pa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
St. Louis Well Machine & Tool Co., St. Louis, Mo.
Stilwell-Bierce & Smith-Vaile Co., Dayton, O. *21
E. W. Walker & Stutz Co., Goshen, Ind.
Williams Bros., Ithaca, N. Y.

O. WELL TOOL JARS.
American Well Works, Aurora, Ill.

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Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Williams Bros., Ithaca, N. Y.

P. WELL TOOLS.
F. C. Austin Mfg. Co., Harvey, Ill.
Barnes Mfg. Co., Mansfield, O.
P. O. Benjamin Mfg. Co., Lafayette, Ind.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Emery Mfg. Co., Bradford, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Kelly & Taneyhill, Waterloo, Iowa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N. Y.
Robertson & Siggins, Bradford, Pa.
St. Louis Well Machine & Tool Co., St. Louis, Mo.
Williams Bros., Ithaca, N. Y.

2351. WET GRINDING & MIXING MACHINES.

Thomas Carlin's Sons, Allegheny, Pa.

2352. WHEEL MACHINERY.

Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., Butler St., Cincinnati, O.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.

A. BOXING MACHINES.
M. L. Edwards Co., Salem, O.
J. A. Fay & Egan Co., Cincinnati, O.
Silver Mfg. Co., Salem, O.
H. B. Smith Machine Co., Smithville, N. J.

B. BOX SETTING MACHINES.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.

C. FELLY MACHINES.
Curtis & Co. Mfg. Co., 817 N. 2d St., St. Louis, Mo.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.

D. HUB BAND SETTERS.
Cincinnati Tool Co., Cincinnati, O.
J. B. West, 105 Meigs St., Rochester, N. Y.

E. HUB BORING MACHINES.
Cyclone Mfg. Co., De Witt, Iowa.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
H. A. Moyer, Syracuse, N. Y.
C. B. Rogers & Co., Norwich, Conn.
Silver Mfg. Co., Salem, O.

F. HUB LATHES.
Defiance Machine Works, Defiance, O.

G. HUB MORTISING MACHINES.
Defiance Machine Works, Defiance, O.
J. A. Fay & Egan Co., Cincinnati, O.
C. B. Rogers & Co., Norwich, Conn.

H. HUB ROUGHERS.
Defiance Machine Works, Defiance, O.

I. SPOKE MACHINES.
Bentel & Margedant Co., Hamilton, O.
Defiance Machine Works, Defiance, O.
Empire Machine Works, Mount Morris, N. Y.
J. A. Fay & Egan Co., Cincinnati, O.
Merritt Mfg. Co., Lockport, N. Y.
Ober Lathe Co., Chagrin Falls, O.
C. B. Rogers & Co., Norwich, Conn.
Sandusky Machine & Agricultural Works, Sandusky, O.
Silver Mfg. Co., Salem, O.
H. B. Smith Machine Co., Smithville, N. J.
E. C. Stearns & Co., Syracuse, N. Y.
Jas. Swan Co., Seymour, Conn.

J. WAGON WHEEL PRESSES.
Watson-Stillman Co., 210 E. 43d St., New York.

2353. WHETSTONES.

A. AXE STONES.
Cleveland Stone Co., Cleveland, O.
Pike Mfg. Co., Pike Station, N. H.

B. DRY RUBBING & SHARPENING STONES.
Northampton Emery Wheel Co., Leeds, Mass.
Norton Emery Wheel Co., Worcester, Mass.

C. OIL & RUB STONES, EMERY.
Abrasive Material Co., S. 72d., c. Upland St., Phila., Pa.
Northampton Emery Wheel Co., Leeds, Mass.
Norton Emery Wheel Co., Worcester, Mass.
Chas. Strelinger Co., Detroit, Mich.
Waltham Emery Wheel Co., Waltham, Mass.

D. OIL STONES.
Geo. Chase, 338 E. 107th St., New York.
Cleveland Stone Co., Cleveland, O.
Norton Emery Wheel Co., Worcester, Mass.
Pike Mfg. Co., Pike Station, N. H.

E. RUB STONES, VITRIFIED.
S. Obermayer Co., Cincinnati, O.

F. SAND STONES.
Pike Mfg. Co., Pike Station, N. H.

2354. WHITE LEAD WORKS MACHINERY.
Robt. Poole & Son Co., Baltimore, Md.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

2355. WHITING MACHINERY.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

2356. WIRE MACHINERY. Bates Machine Co., Joliet, Ill.

A. ADJUSTABLE WIRE REELS. F. B. Shuster Co., New Haven, Conn.

B. CONTINUOUS WIRE DRAWING MACHINES. Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.
Waterbury Machine Co., Waterbury, Conn.

C. WIRE CABLE COVERING PRESSES. Watson-Stillman Co., 210 E. 43d St., New York.

D. WIRE CABLING MACHINES. New England Butt Co., Providence, R. I.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

E. WIRE CUTTING MACHINES. F. B. Shuster Co., New Haven, Conn.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

F. WIRE DIES. Wm. McFarland, Trenton, N. J.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

G. WIRE DRAWING BENCHES. Gould & Eberhardt, Newark, N. J.
Duncan Mackenzie, Trenton, N. J.
Toledo Machine & Tool Co., Toledo, O.

H. WIRE FENCE MACHINES. J. M. Gleason, Liberty, Ind.
Kokomo Fence Machine Co., Kokomo, Ind.

I. WIRE FORMING MACHINES. Blake & Johnson, Waterbury, Conn.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
F. B. Shuster Co., New Haven, Conn.

J. WIRE INSULATING MACHINES. John Royle & Sons, Paterson, N. J.

K. WIRE MATTRESS MACHINERY. Gormully & Jeffery Mfg. Co., 226 N. Franklin St., Chic., Ill.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.

L. WIRE MILLS. F. B. Shuster Co., New Haven, Conn.
Walker Co., Cleveland, O.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

M. WIRE POINTERS. Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

N. WIRE STRAIGHTENING & CUTTING MACHINES, COMBINED. F. B. Shuster Co., New Haven, Conn.

O. WIRE STRAIGHTENING MACHINES. Farrel Foundry & Machine Co., Ansonia, Conn.
Norton & Jones Machine Tool Works, Plainville, Conn.
F. B. Shuster Co., New Haven, Conn.
Waterbury Farrel Foundry & Mach. Co., Waterbury, Conn.

P. WIRE WEAVING MACHINES. Crompton & Knowles Loom Works, Worcester, Mass.
Gormully & Jeffery Mfg. Co., 226 N. Franklin St., Chic., Ill.
Howard Foundry & Mach. Wks., 1744 Ludlow St., Phila., Pa.
Minneapolis Bedding Co., Minneapolis, Minn.

2357. WIRE ROPE HAULAGES.

A. GUIDE ROLLERS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Dickson Mfg. Co., Scranton, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. INCLINED PLANE ROLLERS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

C. WIRE ROPE TRAMWAY DUMPING RIGS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Trenton Iron Co., 17 Burling Sl., New York.

D. WIRE ROPE TRAMWAYS. M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Hammond Mfg. Co., 100 1st St., Portland, Ore.
A. Leschen & Sons Rope Co., 920 N. Main St., St. Louis, Mo.
Trenton Iron Co., 17 Burling Sl., New York.

2358. WIRE TOOLS. Dicke Tool Co., Downers Grove, Ill.

A. BARBED WIRE FENCE TOOLS. American Steel & Wire Co., 26 Cortlandt St., New York.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Ewald Over, Indianapolis, Ind.
Warner Hardware Co., Freeport, Ill.

B. WIRE CUTTERS. Billings & Spencer Co., Hartford, Conn.
Cronk Hanger Co., Elmira, N. Y.
J. M. King & Co., Waterford, N. Y.
H. K. Porter, 66 Beverly St., Boston, Mass.
F. B. Shuster Co., New Haven, Conn.
West Mfg. Co., Buffalo, N. Y.

C. WIRE FENCE COUPLERS. Racine Malleable & Wrought Iron Co., Racine, Wis.

D. WIRE FENCE STRETCHERS. Pullman Sash Balance Co., Rochester, N. Y.
Winona Fence Co., Winona, Minn.

E. WIRE SPLICERS. Dicke Tool Co., Downers Grove, Ill.

	Otis A. Smith, Rockford, Conn.
F. WIRE STRETCHERS.	Cincinnati Barbed Wire Fence Co., Cincinnati, O.
	Abram Ellwood Mfg. Co., De Kalb, Ill.
	Eureka Tempered Copper Co., North East, Pa.
	L. W. Fillebrown, Piqua, O.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	W. C. Heller & Co., Montclair, N. J.
	Hunt, Helm & Ferris, Howard, Ill.
	Knapp & Cowles Mfg. Co., Bridgeport, Conn.
	Novelty Iron Works, Sterling, Ill.
	Racine Malleable & Wrought Iron Co., Racine, Wis.
	Sedgwick Wire Fence Co., Richmond, Ind.
	Warner Hardware Co., Freeport, Ill.
2359. WOODEN LAST TRIMMING MACHINES.	Wellman Sole Cutting Machine Co., Medford, Mass.
2360. WOOD PULP MACHINERY.	Bagley & Sewall Co., Watertown, N. Y.
	Black & Clawson Co., Hamilton, O.
	Dilts Machine Co., Fulton, N. Y.
	Olin Scott, Bennington, Vt.
	Trevor Mfg. Co., Lockport, N. Y.
A. PULP GRINDERS.	Dayton Globe Iron Works Co., Dayton, O.
	Dilts Machine Co., Fulton, N. Y.
	Holyoke Machine Co., Holyoke, Mass.
	S. D. Nevin, Lowville, N. Y.
	Pusey & Jones Co., Wilmington, Del.
	Olin Scott, Bennington, Vt.
	Trevor Mfg. Co., Lockport, N. Y.
	Valley Iron Works Mfg. Co., Appleton, Wis.
B. PULP GRINDERS, POWER FEED.	Osgood & Barker, Bellows Falls, Vt.
	Trevor Mfg. Co., Lockport, N. Y.
C. PULP MILL SAWS.	Trevor Mfg. Co., Lockport, N. Y.
	Valley Iron Works Mfg. Co., Appleton, Wis.
D. PULP MILL SCREENS.	Black & Clawson Co., Hamilton, O.
	Dilts Machine Co., Fulton, N. Y.
	Pusey & Jones Co., Wilmington, Del.
	Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
	Olin Scott, Bennington, Vt.
	Smith & Winchester Co., South Windham, Conn.
	Union Machine Co., Fitchburg, Mass.
	Valley Iron Works Mfg. Co., Appleton, Wis.
E. PULP REFINING ENGINES.	Black & Clawson Co., Hamilton, O.
	Smith & Winchester Co., South Windham, Conn.
F. PULP SCREEN & KNOT SEPARATORS, COMBINED.	Webber & Philbrick, Waterville, Me.
G. WOOD BARKER ATTACHMENTS.	Webber & Philbrick, Waterville, Me.
H. WOOD BARKING MACHINES.	Holyoke Machine Co., Holyoke, Mass.
	Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
	Olin Scott, Bennington, Vt.
	Trevor Mfg. Co., Lockport, N. Y.
	Valley Iron Works Mfg. Co., Appleton, Wis.
	Webber & Philbrick, Waterville, Me.
I. WOOD PULP KNIVES.	Samuel Trethewey & Co., Ltd., Pittsburg, Pa.
J. WOOD PULP SPLITTING MACHINES.	S. D. Nevin, Lowville, N. Y.
	Trevor Mfg. Co., Lockport, N. Y.
K. WOOD PULP STONES.	Cleveland Stone Co., Cleveland, O.
	Pike Mfg. Co., Pike Station, N. H.
L. WOOD PULP WET MACHINES.	S. D. Nevin, Lowville, N. Y.
	Trevor Mfg. Co., Lockport, N. Y.
M. WOOD RASPERS.	S. D. Nevin, Lowville, N. Y.
2361. WOOD SPLITTERS.	Hildreth Bros., Harvard, Mass.
	Peacocks' Iron Works, Selma, Ala.
	Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
	Olin Scott, Bennington, Vt.
	Valley Iron Works Mfg. Co., Appleton, Wis.
A. KINDLING WOOD SPLITTERS.	Chattanooga Machinery Co., Chattanooga, Tenn.
	P. K. Dederick's Sons, Albany, N. Y.
	Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
2362. WORM GEARS.	Boston Gear Works, 31 Hartford St., Boston, Mass.
2363. WRAPPING MACHINES.	
A. CARAMEL WRAPPING MACHINES.	R. D. Nutall Co., Allegheny City, Pa.
B. SOAP WRAPPING MACHINES.	R. D. Nutall Co., Allegheny City, Pa.

2364. WRECKING MACHINERY.

Marion Steam Shovel Co., Marion, O.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.

2365. WRENCHES.

American Saw Co., Trenton, N. J.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Athol Machine Co., Athol, Mass.
Bemis & Call Hdw. & Tool Co., Springfield, Mass.
Billings & Spencer Co., Hartford, Conn.
Bonney Vise & Tool Works, 3015 Chestnut St., Phila., Pa.
Chester Steel Castings Co., 407 Sansom St., Phila., Pa.
Cincinnati Tool Co., Cincinnati, O.
W. J. Clark Co., Salem, O.
Cleveland Hardware Co., Cleveland, O.
Collins Co., Collinsville, Conn.
P. & F. Corbin, New Britain, Conn.
Dayton Malleable Iron Co., Dayton, O.
Dicke Tool Co., Downers Grove, Ill.
A. S. Henn & Co., New Haven, Conn.
Edward S. Hotchkiss, Bridgeport, Conn.
Keystone Drop Forge Co., 20th & Clearfield Sts., Phila., Pa.
Lamson & Sessions Co., Cleveland, O.
Wm. G. Le Count, South Norwalk, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
S. Obermayer Co., Cincinnati, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Letchworth, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Racine General Mfg. Co., Racine, Wis. *27
Smith & Egge Mfg. Co., Bridgeport, Conn.
Standard Tool Co., Cleveland, O.
Samuel C. Tatum Co., Cincinnati, O.
Tower & Lyon, 95 Chambers St., New York.
Union Hardware Co., Torrington, Conn.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
Wells Bros., Greenfield, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
Wiley & Russell Mfg. Co., Greenfield, Mass.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

A. BICYCLE WRENCHES.

Barnes Tool Co., New Haven, Conn.
Billings & Spencer Co., Hartford, Conn.
Forsyth Mfg. Co., 308 Terrace, Buffalo, N. Y.
Springfield Drop Forging Co., Springfield, Mass.
Tower & Lyon, 95 Chambers St., New York.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

B. CARRIAGE & WAGON WRENCHES.

Cleveland Hardware Co., Cleveland, O.
Goodell Co., Antrim, N. H.
Pratt & Letchworth, Buffalo, N. Y.
A. R. Thompson, Stevenson Bldg., Indianapolis, Ind.
Tower & Lyon, 95 Chambers St., New York.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

C. COMBINATION WRENCHES.

Bemis & Call Hardware & Tool Co., Springfield, Mass.
Jos. H. Seed, 12 Centre St., New York.
Tower & Lyon, 95 Chambers St., New York.

D. MACHINE WRENCHES.

Billings & Spencer Co., Hartford, Conn.
Rhode Island Tool Co., Providence, R. I.
Springfield Drop Forging Co., Springfield, Mass.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

E. PIPE WRENCHES.

Armstrong Mfg. Co., Bridgeport, Conn. *18
Bemis & Call Hardware & Tool Co., Springfield, Mass.
Billings & Spencer Co., Hartford, Conn.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Hollands Mfg. Co., Erie, Pa.
W. H. Nicholson & Co., Wilkes-Barre, Pa.
Reed Mfg. Co., Erie, Pa.
Robbins, Gamwell & Co., Pittsfield, Mass.
Tower & Lyon, 95 Chambers St., New York.
Union Hardware Co., Torrington, Conn.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
W. B. & B. G. Vogel, 32 Vesey St., New York.
J. E. Wakefield, 89 Exchange St., Worcester, Mass.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

F. PIPE WRENCHES, CHAIN.

Hilts' Wrench & Mfg. Co., Richford, N. Y.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

G. POCKET WRENCHES.

Knapp & Cowles Mfg. Co., Bridgeport, Conn.

H. RAILROAD TRACK WRENCHES.
Tower & Lyon, 95 Chambers St., New York.
Atha Tool Co., Newark, N. J.
Chester Steel Castings Co., 407 Sansom St., Phila., Pa.
Detroit Steel & Spring Co., Detroit, Mich.
Abner Doble Co., San Francisco, Cal.
Iron City Tool Works, Ltd., Pittsburg, Pa.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

I. SCREW WRENCHES.
Coes Wrench Co., Worcester, Mass.

J. SPANNER WRENCHES.
Billings & Spencer Co., Hartford, Conn.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

K. "S" WRENCHES.
Bemis & Call Hardware & Tool Co., Springfield, Mass.

L. TAP WRENCHES.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Billings & Spencer Co., Hartford, Conn.
Butterfield & Co., Derby Line, Vt.
S. W. Card Mfg. Co., Mansfield, Mass.
J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., Cleveland, O.
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

M. WRENCH ATTACHMENTS.
L. S. Starrett Co., Athol, Mass.

2366. WRENCH MACHINERY.
Gould & Eberhardt, Newark, N. J.

XXVI. METALS.

2367. ALLOYS.

A. BABBITT METAL.
Baker & Adamson Chemical Co., Easton, Pa.
Baker-White Brass Co., 3 York St., New York.
Charles H. Besly Co., 10 N. Canal St., Chicago, Ill.
Best, Fox & Co., Pittsburg, Pa.
E. W. Blatchford & Co., 70 N. Clinton St,, Chicago, Ill.
Clover Leaf Anti-Friction Metal Co., Jersey City, N. J.
Delaware Metal Refinery, 18th St. & Washn. Av., Phil., Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Epping-Carpenter Co., Pittsburg, Pa.
Fairbanks Co., 311 Broadway, New York.
A. J. Fullmer & Co., Camden, N. J.
E. L. Hand & Co., 616 Market St., Philadelphia, Pa.
J. M. Hayden & Co., Grand Rapids, Mich.
Hooks Smelting Co., Broad & Hamilton Sts., Phila., Pa.
Hoyt Metal Co., Fullerton Bldg., St. Louis, Mo.
Johnson Co., Lorain, O.
Magnolia Metal Co., 266 West St., New York.
Mansfield Mfg. Co., 57 1st Av., Pittsburg, Pa.
National Lead Co., St. Louis, Mo.
Phosphor B. S. Co., Ltd., 2200 Washn. Av., Phila., Pa.
Wm. Powell Co., 50 Plum St., Cincinnati, O.
A. Schultz & Co., 1016 E. Baltimore St., Baltimore, Md.
Selby Smelting & Lead Co., San Francisco, Cal.
Springfield Brass Co., Springfield, O.
N. & G. Taylor Co., 301 Branch St., Philadelphia, Pa.
U. S. Smelting Works, 1615 Spring Garden St., Phila., Pa.
E. W. Vanduzen Co., Cincinnati, O.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
John R. Wood, Jr., Conshohocken, Pa.

B. BOTTLE LEAF METAL.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

C. CARTRIDGE METAL.
Waterbury Brass Co., Waterbury, Conn.

D. GERMAN SILVER.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Brass Co., Chicago, Ill.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.

Riverside Metal Co., Riverside, N. J.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Waterbury Brass Co., Waterbury, Conn.

E. GOLD ALLOY. Riverside Metal Co., Riverside, N. J.
A. T. Wall & Co., Providence, R. I.

F. GOLD & PLATINUM ALLOY, DENTISTS'. Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.

G. GOLD CYLINDERS, DENTISTS'. J. M. Ney & Co., Hartford, Conn.

H. GUN METAL. E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

I. INGOT METAL. Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Crown Smelting Co., Chester, Pa.
Stewart & Mattison Mfg. Co., 2042 N. 10th St., Phila., Pa.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

J. JEWELERS' METAL. Plume & Atwood Mfg. Co., Waterbury, Conn.

K. JOURNAL LINING METAL. Crown Smelting Co., Chester, Pa.
Magnolia Metal Co., 266 West St., New York.
Mowry & Phillips, 120 Cross St., Boston, Mass.

L. NEEDLE METAL. E. A. Williams & Sons, 105 Plymouth St., Jersey City, N. J.

M. PATTERN METAL. Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
J. W. Paxon Co., 1021 N. Delaware Av., Philadelphia, Pa.

N. SILVER ALLOY. A. T. Wall & Co., Providence, R. I.

O. TYPE METAL. Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Hoyt Metal Co., Fullerton Bldg., St. Louis, Mo.
A. Schultz & Co., 1016 E. Baltimore St., Baltimore, Md.
N. & G. Taylor Co., 301 Branch St., Philadelphia, Pa.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

P. UMBRELLA TIP METAL. Platt Bros. & Co., Inc., Waterbury, Conn.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

Q. WHITE METAL. Reed & Barton Corporation, Taunton, Mass.

R. YELLOW METAL PLATES. New Bedford Copper Co., New Bedford, Mass.
Revere Copper Co., 63 Franklin St., Boston, Mass.
Taunton Copper Mfg. Co., Taunton, Mass.

2368. ALUMINUM. Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
Janney, Steinmetz & Co., 646 Drexel Bldg., Philadelphia, Pa.
Pittsburg Reduction Co., Pittsburg, Pa.
Turner Brass Works, 122 E. Kinzie St., Chicago, Ill.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
Zucker & Leavett & Loeb Co., 526 W. 25th St., New York.

A. ALUMINUM ALLOYS. Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
Janney, Steinmetz & Co., 646 Drexel Bldg., Philadelphia, Pa.
Pittsburg Reduction Co., Pittsburg, Pa.

B. ALUMINUM BRASS. Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
Pittsburg Reduction Co., Pittsburg, Pa.
Scovill Mfg. Co., Waterbury, Conn.

C. ALUMINUM BRONZE. Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
Janney, Steinmetz & Co., 646 Drexel Bldg., Phila., Pa.
Pittsburg Reduction Co., Pittsburg, Pa.
E. A. Williams & Son, Jersey City, N. J.

D. ALUMINUM CASTINGS. Lackawanna Lubricating Co., Scranton, Pa.

E. ALUMINUM FERRO-SILICON. Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
S. Obermayer Co., Cincinnati, O.
Star Furnace Co., Jackson, O.

F. SHEET ALUMINUM. Scovill Mfg. Co., Waterbury, Conn.
A. T. Wall & Co., Providence, R. I.

2369. ANTIMONY. American Metal Co., Ltd., 52 Broadway, New York.
Baker & Adamson Chemical Co., Easton, Pa.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
Hoyt Metal Co., 4143 Clayton Road, St. Louis, Mo.
U. S. Smelting Works, 1615 Spring Garden St., Phila., Pa.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

A. ANTIMONY, NEEDLE, GROUND. John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

2370. BELL METAL, CAST. Proctor-Raymond Mfg. Co., 444 Niagara St., Buffalo, N. Y.

2371. BOLSTER METAL. E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

2372. BRASS. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Bridgeport Copper Co., Bridgeport, Conn.
Bristol Brass & Clock Co., Bristol, Conn.
Coe Brass Mfg. Co., Torrington, Conn.

Crown Smelting Co., Chester, Pa.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Hemacite Mfg. Co., Trenton, N. J.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Phelps, Dodge & Co., 11 Cliff St., New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph & Clowes, Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Waterbury Brass Co., Waterbury, Conn.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

A. BAR BRASS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Scovill Mfg. Co., Waterbury, Conn.

B. BRASS CIRCLES.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.

C. BRASS RODS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph & Cowles, Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Waterbury Brass Co., Waterbury, Conn.

D. BRASS WIRE RODS.
Bridgeport Brass Co., Bridgeport, Conn.
Coe Brass Mfg. Co., Torrington, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.

E. CARTRIDGE BRASS.
Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Coe Brass Mfg. Co., Torrington, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.

F. PRINTERS' RULE BRASS.
Chicago Brass Co., 76 Monroe St., Chicago, Ill.

G. ROLL BRASS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Brass Co., 76 Monroe St., Chicago, Ill.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
C. G. Hussey & Co., Pittsburg, Pa.
Manhattan Brass Co., 338 E. 28th St., New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Smith & Winchester Co., South Windham, Conn.
Waterbury Brass Co., Waterbury, Conn.

H. SHEET BRASS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Chicago Brass Co., 76 Monroe St., Chicago, Ill.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Grand Rapids Brass Co., Grand Rapids, Mich.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
C. G. Hussey & Co., Pittsburg, Pa.
Manhattan Brass Co., 338 E. 28th St., New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph & Clowes, Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
A. T. Wall & Co., Providence, R. I.
Waterbury Brass Co., Waterbury, Conn.

I. STICK BRASS.
Scovill Mfg. Co., Waterbury, Conn.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

J. STRIP BRASS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bridgeport Brass Co., Bridgeport, Conn.
Scovill Mfg. Co., Waterbury, Conn.

2373. BRONZE.
Ajax Metal Co., 46 Richmond St., Philadelphia, Pa.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.

Chicago Brass Co., 76 Monroe St., Chicago, Ill.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co., Ltd., Pittsburg, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
A. A. Griffing Iron Co., 66 Centre St., New York.
Hemacite Mfg. Co., Trenton, N. J.
Geo. R. Meneely & Son, West Troy, N. Y.
Phos. Bronze Smelt. Co., Ltd., 2200 Washn. Av., Phila., Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

A. CARBON BRONZE. E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

B. MANGANESE BRONZE. Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
Crown Smelting Co., Chester, Pa.
Union Iron Works, San Francisco, Cal.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

C. PHOSPHOR BRONZE. Crown Smelting Co., Chester, Pa.
Phos. Bronze Smelt. Co., Ltd., 2200 Washn. Av., Phila., Pa.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

D. PHOSPHOR BRONZE CIRCLES. Phos. Bronze Smelt. Co., Ltd., 2200 Washn. Av., Phila., Pa.

E. SHEET BRONZE. Benedict & Burnham Mfg. Co., Waterbury, Conn.
Charles H. Besly & Co., 10 N. Canal St., Chicago, Ill.
Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Randolph & Clowes, Waterbury, Conn.

F. SILICON BRONZE. Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.

G. SPINNERS' BRONZE. Holmes, Booth & Haydens, Inc., Waterbury, Conn.

2374. COPPER.

Ansonia Brass & Copper Co., 19 Cliff St., New York.
Baltimore Copper Smelting & Rolling Co., Baltimore, Md.
Boston & Colorado Smelting Co., Denver, Col.
Bos. & Mont. Con. Copper & Silver Min. Co., Butte, Mon.
Bridgeport Brass Co., Bridgeport, Conn.
Bridgeport Copper Co., Bridgeport, Conn.
Bridgeport Deox. Bronze & Metal Co., Bridgeport, Conn.
Butte & Boston Con. Min. Co., Butte, Mont.
Coe Brass Mfg. Co., Torrington, Conn.
Colorado Smelting Co., Pueblo, Col.
Copper Queen Con. Mining Co., 11 Cliff St., New York.
Germania Lead Works, Salt Lake City, Utah.
Globe Smelting & Refining Co., Denver, Col.
Gummey, McFarland & Co., 151 N. 10th St., Phila., Pa.
Geo. P. Harris & Bro., 62 W. Lake St., Chicago, Ill.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Hoyt Metal Co., 4143 Clayton Road, St. Louis, Mo.
Newark Smelting & Refining Works, Newark, N. J.
New Bedford Copper Co., New Bedford, Mass.
Nichols Chemical Co., 32 Liberty St., New York.
Omaha & Grant Smelting Co., Omaha, Neb.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Phelps, Dodge & Co., 11 Cliff St., New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Pueblo Smelting & Refining Co., Pueblo, Col.
Revere Copper Co., 63 Franklin St., Boston, Mass.
Taunton Copper Mfg. Co., Taunton, Mass.
J. S. Thorn Co., 1227 Callowhill St., Philadelphia, Pa.
Waterbury Brass Co., Waterbury, Conn.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

A. ALLOY COPPER. E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

B. BAR COPPER. Detroit Copper & Brass Rolling Mills, Detroit, Mich.

C. BATH TUB COPPER. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Bay State Metal Works, Cambridgeport, Mass.
Revere Copper Co., 63 Franklin St., Boston, Mass.

D. BATTERY COPPER. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Baltimore Copper Smelting & Rolling Co., Baltimore, Md.
Revere Copper Co., 63 Franklin St., Boston, Mass.

E. BOLT COPPER. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Baltimore Copper Smelting & Rolling Co., Baltimore, Md.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
New Bedford Copper Co., New Bedford, Mass.
Revere Copper Co., 63 Franklin St., Boston, Mass.
Taunton Copper Mfg. Co., Taunton, Mass.

F. BRAZIERS' COPPER. Ansonia Brass & Copper Co., 19 Cliff St., New York.
Baltimore Copper Smelting & Rolling Co., Baltimore, Md.
Bridgeport Copper Co., Bridgeport, Conn.
New Bedford Copper Co., New Bedford, Mass.
Revere Copper Co., 63 Franklin St., Boston, Mass.

	Taunton Copper Mfg. Co., Taunton, Mass.
G. CARTRIDGE COPPER.	Coe Brass Mfg. Co., Torrington, Conn.
H. COMMUTATOR COPPER BARS.	Waclark Wire Co., 43 Cedar St., New York.
I. COPPER CIRCLES.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	Baltimore Copper Smelting & Rolling Co., Baltimore, Md.
	Bridgeport Copper Co., Bridgeport, Conn.
	Revere Copper Co., 63 Franklin St., Boston, Mass.
	Taunton Copper Mfg. Co., Taunton, Mass.
J. COPPER CLIPPINGS.	Baker & Adamson Chemical Co., Easton, Pa.
K. COPPER FOIL.	Baker & Adamson Chemical Co., Easton, Pa.
L. COPPER ORES.	Anaconda Copper Mining Co., Butte, Mont.
	Boston & Colorado Smelting Co., Denver, Col.
	Bos. & Mont. Con. Copper & Silver Min. Co., Butte, Mont.
	Butte & Boston Con. Min. Co., Butte, Mont.
	Detroit Copper Mining Co. of Arizona, Morenci, Ariz.
	Globe Smelting & Refining Co., Denver, Col.
	Helena & Livingston Smelt. & Reduction Co., Helenâ, Mont.
	Parrott Silver & Copper Mining Co., Butte, Mont.
	Quincy Mining Co., Hancock, Mich.
M. COPPER RODS.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Bridgeport Brass Co., Bridgeport, Conn.
	Coe Brass Mfg. Co., Torrington, Conn.
	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	C. G. Hussey & Co., Pittsburg, Pa.
	Park Bros. & Co., Ltd., Pittsburg, Pa.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Randolph & Clowes, Waterbury, Conn.
	Revere Copper Co., 63 Franklin St., Boston, Mass.
	Waclark Wire Co., 43 Cedar St., New York.
	Waterbury Brass Co., Waterbury, Conn.
N. CORNICE COPPER.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	Bridgeport Copper Co., Bridgeport, Conn.
O. DYNAMO BRUSH COPPER.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	E. G. Bernard Co., Troy, N. Y.
	Miamisburg Electric Co., Miamisburg, O.
P. FIRE BOX SHEETS, COPPER.	E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
	C. G. Hussey & Co., Pittsburg, Pa.
	Revere Copper Co., 63 Franklin St., Boston, Mass.
Q. GRANULATED COPPER.	Baker & Adamson Chemical Co., Easton, Pa.
	Bissell Chemical Co., McKeesport, Pa.
R. MANGANESE COPPER.	Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
S. PLANISHED COPPER.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	Bridgeport Copper Co., Bridgeport, Conn.
	C. G. Hussey & Co., Pittsburg, Pa.
	Park Bro. & Co., Ltd., Pittsburg, Pa.
T. PURIFIED SHOT COPPER.	Riverside Metal Co., Riverside, N. J.
U. RECTANGULAR COPPER.	Waclark Wire Co., 43 Cedar St., New York.
V. ROLL COPPER.	Bridgeport Brass Co., Bridgeport, Conn.
	Chicago Brass Co., 76 Monroe St., Chicago, Ill.
	Coe Brass Mfg. Co., Torrington, Conn.
	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	C. G. Hussey & Co., Pittsburg, Pa.
	Park Bro. & Co., Ltd., Pittsburg, Pa.
	Thomas Phillips Co., Providence, R. I.
	Revere Copper Co., 63 Franklin St., Boston, Mass.
	Smith & Winchester Co., South Windham, Conn.
	Taunton Copper Mfg. Co., Taunton, Mass.
W. SHEATHING COPPER.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	Bridgeport Copper Co., Bridgeport, Conn.
	New Bedford Copper Co., New Bedford, Mass.
	Revere Copper Co., 63 Franklin St., Boston, Mass.
	Taunton Copper Mfg. Co., Taunton, Mass.
X. SHEET COPPER.	Ansonia Brass & Copper Co., 19 Cliff St., New York.
	Baltimore Copper Smelting & Rolling Co., Baltimore, Md.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Bridgeport Brass Co., Bridgeport, Conn.
	Chicago Brass Co., 76 Monroe St., Chicago, Ill.
	Coe Brass Mfg. Co., Torrington, Conn.
	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	Gummey, McFarland & Co., 751 N. 10th St., Phila., Pa.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	C. G. Hussey & Co., Pittsburg, Pa.
	New Bedford Copper Co., New Bedford, Mass.

Park Bro. & Co., Ltd., Pittsburg, Pa.
Phelps, Dodge & Co., 11 Cliff St., New York.
Randolph & Clowes, Waterbury, Conn.
Revere Copper Co., 63 Franklin St., Boston, Mass.
Rome Brass & Copper Co., Rome, N. Y.
Ronalds & Johnson Co., 54 Cliff St., New York.

Y. SILICON COPPER.
Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.

2375. EXPANDED METALS.
Central Expanded Metal Co., 531 Wood St., Pittsburg, Pa.
Northwest. Expand. Metal Co., Old Colony Bldg., Chic., Ill.
St. Louis Expanded Metal Fire Proofing Co., St. Louis, Mo.

2376. GOLD.

A. GOLD ORE.
Aetna Standard Iron & Steel Co., Bridgeport, Conn.
Alice Gold & Silver Mining Co., Walkersville, Mont.
Bi-Metallic Smelting Co., Leadville, Col.
Con. Kansas City Smelting & Refining Co., Argentine, Kan.
Moulton Mining Co., Butte, Mont.
Trimble & Hunter, Leadville, Col.

B. RIBBON GOLD.
W. H. Coe Mfg. Co., 230 Westminster St., Providence, R. I.

C. SHEET GOLD.
A. T. Wall & Co., Providence, R. I.

D. SMELTED GOLD.
Bi-Metallic Smelting Co., Leadville, Col.
Boston & Colorado Smelting Co., Denver, Col.
Colorado Smelting Co., Pueblo, Col.
Con. Kansas City Smelting & Refining Co., Argentine, Kan.
Globe Smelting & Refining Co., Denver, Col.
Newark Smelting & Refining Works, Newark, N. J.
Omaha & Grant Smelting Co., Omaha, Neb.
Pueblo Smelting & Refining Co., Pueblo, Col.
Rio Grande Smelting Works, Socorro, New Mexico.
Selby Smelting & Lead Co., San Francisco, Cal.

2377. IRON.

A. ARMOR PLATE.
Bethlehem Iron Co., Bethlehem, Pa.
Ogden & Wallace, 577 Greenwich St., New York.

B. BAND IRON.
Union Iron & Steel Co., Youngstown, O.

C. BAR IRON.
Aetna Standard Iron & Steel Co., Bridgeport, O.
Alleghany Iron Co., 29 Broadway, New York.
Allentown Rolling Mills, Allentown, Pa.
Altoona Iron Co., Altoona, Pa.
Andrews Bros. Co., Youngstown, O.
Birmingham Rolling Mill Co., Birmingham, Ala.
Buhl Sons Co., Detroit, Mich.
Burden Iron Co., Troy, N. Y.
Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
Camden Iron Works, 400 Chestnut St., Philadelphia, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Central Iron & Steel Co., Brazil, Ind.
Diamond State Iron Co., 29 Broadway, New York.
Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
Ewald Iron Co., St. Louis, Mo.
Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Knoxville Iron Co., Knoxville, Tenn.
Lake Erie Iron Co., Cleveland, O.
Livermore Foundry & Mach. Co., Memphis, Tenn.
Mahoning Valley Iron Co., Youngstown, O.
Mitchell, Tranter & Co., Cincinnati, O.
Montour Coal & Iron Co., Danville, Pa.
Muncie Iron & Steel Co., Muncie, Ind.
Ogden & Wallace, 577 Greenwich St., New York.
Old Dominion Iron Nail Works Co., Richmond, Va.
Otis Steel Co., Ltd., Cleveland, O.
Passaic Rolling Mill Co., Paterson, N. J.
Penn. Bolt & Nut Co., Lebanon, Pa.
Pickands, Mather & Co., Cleveland, O.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Portage Iron Co., Ltd., Duncansville, Pa.
Portland Rolling Mills, Portland, Me.
Reading Iron Co., Reading, Pa.
A. & P. Roberts Co., Pencoyd, Pa.
Shoenberger Steel Co., Pittsburg, Pa.
Springfield Iron Co., Springfield, Ill.
J. H. Sternbergh & Son, Reading, Pa. *33
Troy Steel Co., Troy, N. Y.
Union Iron & Steel Co., Youngstown, O.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.

D. BAR IRON, REFINED.
Knoxville Iron Co., Knoxville, Tenn.

E. BLACK PLATE BARS.
Aetna Standard Iron & Steel Co., Bridgeport, O.

F. BLACK PLATES.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	Cumberland Steel & Tin Plate Works, Cumberland, Md.
	Whitaker Iron Co., Wheeling, W. Va.
G. BLOOMS, IRON.	Benjamin Atha & Illingworth Co., Harrison, N. J.
	Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Ewald Iron Co., St. Louis, Mo.
	Jefferson Iron Works, Steubenville, O.
	H. Lloyd's Sons Co., Pittsburg, Pa.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa
H. BOLT RODS.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	R. F. Hawkins Iron Works, Springfield, Mass.
	New Haven Rolling Mill Co., New Haven, Conn.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	Portland Rolling Mills, Portland, Me.
	J. H. Sternbergh & Son, Reading, Pa.
I. BRIDGE RODS.	Columbus Bolt Works, Columbus, O.
	Diamond State Iron Co., 29 Broadway, New York.
	R. F. Hawkins Iron Works, Springfield, Mass.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	Pittsburg Forge & Iron Co., Pittsburg, Pa.
	Portland Rolling Mills, Portland, Me.
J. CARRIAGE IRON.	Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
	Ogden & Wallace, 577 Greenwich St., New York.
K. CAR WHEEL IRON.	Elliott Car Co., Gadsden, Ala.
	Ogden & Wallace, 577 Greenwich St., New York.
	Shelby Iron Co., Shelby, Ala.
	Woodstock Iron Works, Anniston, Ala.
L. CHAIN & RIVET IRON.	Union Iron & Steel Co., Youngstown, O.
M. CHARCOAL IRON.	Richmond Iron Works, Richmond Furnace, Mass.
N. CYLINDER IRON.	H. Lloyd's Sons Co., Pittsburg, Pa.
	Ogden & Wallace, 577 Greenwich St., New York.
O. GALVANIZED IRON.	Abendroth & Root Mfg. Co., 28 Cliff St., New York.
	American Galvanizing & Tin Plate Co., Cincinnati, O.
	Appola Iron & Steel Co., Pittsburg, Pa.
	Bergen Mfg. Co., Canton, O.
	Cleveland Rolling Mill Co., Cleveland, O.
	Lefferts Galvanizing Works, 510 E. 20th St., New York.
	Maypole Bros., 8 S. Canal St., Chicago, Ill.
	John McVoy & Co., 25 Michigan St., Chicago, Ill.
	National Tube Works Co., Pittsburg, Pa.
	Wheeling Corrugating Co., Wheeling, W. Va.
P. GUARD & FINGER IRON.	Union Iron & Steel Co., Youngstown, O.
Q. HAMMERED IRON.	Cleveland City Forge & Iron Co., Cleveland, O.
	Ewald Iron Co., St. Louis, Mo.
	Ogden & Wallace, 577 Greenwich St., New York.
R. HINGE IRON.	Wm. Clark Sons Co., Pittsburg, Pa.
S. HOOP IRON.	Andrews Bros. Co., 810 New York Bldg., Chicago, Ill.
	Wm. Clark Sons Co., Pittsburg, Pa.
	Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.
	Lake Erie Iron Co., Cleveland, O.
	Lindsay & McCutcheon, Pittsburg, Pa.
	Livermore Foundry & Machine Co., Memphis, Tenn.
	Ogden & Wallace, 577 Greenwich St., New York.
	Portage Iron Co., Ltd., Duncansville, Pa.
	Union Iron & Steel Co., Youngstown, O.
	Wabach Iron Co., Terre Haute, Ind.
T. HORSE SHOE IRON.	Wm. Clark Sons Co., Pittsburg, Pa.
	Diamond State Iron Co., 29 Broadway, New York.
	Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
	Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
	Harriman Rolling Mill, Harriman, Tenn.
	Knoxville Iron Co., Knoxville, Tenn.
	Mitchell, Tranter & Co., Cincinnati, O.
	Muncie Iron & Steel Co., Muncie, Ind.
	Ogden & Wallace, 577 Greenwich St., New York.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	Union Iron & Steel Co., Youngstown, O.
	Wabach Iron Co., Terre Haute, Ind.
U. IRON CHUTE PLATES.	Taylor Iron & Steel Co., High Bridge, N. J.
V. IRON ORE.	American Coal & Coke Co., Birmingham, Ala.
	Birmingham Rolling Mill Co., Birmingham, Ala.
	Birmingham Smelting Co., Birmingham, Ala.
	Cahaba Southern Mining Co., Birmingham, Ala.
	Cleveland Cliffs Iron Co., Ishpeming, Mich.

Cleveland Iron Mining Co., Cleveland, O.
Colorado Coal & Iron Co., Denver, Col.
D. S. Cook, Wrightsville, Pa.
Cooper, Hewitt & Co., 17 Burling Slip, New York.
Dayton Coal & Iron Co., Ltd., Dayton, Tenn.
Kohinoor Coal Co., Birmingham, Ala.
Minnesota Iron Co., 355 Dearborn St., Chicago, Ill.
Phila. & Read. Coal & Iron Co., 3d fl. of Fisher Bldg., Phil., Pa.
Pickands, Brown & Co., 935 The Rookery, Chicago, Ill.
Pioneer Mining & Mfg. Co., Birmingham, Ala.
Poughkeepsie Iron Co., Poughkeepsie, N. Y.
J. Wesley Pullman, 238 S. 3d St., Philadelphia, Pa.
Richhill Coal Mining Co., Richhill, Mo.
Rochester & Pittsburg Coal & Iron Co., Rochester, N. Y.
Sloss Iron & Steel Co., Birmingham, Ala.
Southern Iron & Steel Works, Birmingham, Ala.
South West Virginia Imp. Co., 770 Bullitt Bldg., Phila., Pa.
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
Williams, Haskin & Co., Birmingham, Ala.
Woodward Iron Co., Woodward, Ala.

W. IRON ORE, POWDERED.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

X. IRON RODS.
Shenango Valley Steel Co., New Castle, Pa.

Y. IRON SHEET BARS.
Bellaire Steel Co., Bellaire, O.

Z. IRON SPONGE.
Connelly Iron Sponge & Governor Co., 357 Canal St., N. Y.

AA. JAIL PLATES.
Burgess Steel & Iron Works, Portsmouth, O.
Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.

BB. MALLEABLE IRON.
Albany Malleable Iron Works, Albany, N. Y.
Bridgeport Malleable Iron Co., Bridgeport, Conn.
Central Iron & Steel Co., Harrisburg, Pa.
Dayton Malleable Iron Co., Dayton, O.
Thos. Devlin & Co., Lehigh Av. & N. 3d St., Phila., Pa.
Erie Malleable Iron Co., Ltd., Erie, Pa.
Stanley G. Flagg & Co., N. 19th St. & Penn. Av., Phila., Pa.
Meriden Malleable Iron Co., Meriden, Conn.
Phila. Hdw. & Mall. Iron Wks., N. 9th & Jeff'son, Phil., Pa.
Pratt & Letchworth, Buffalo, N. Y.
Southern Malleable Iron Works, Chattanooga, Tenn.
Springfield Malleable Iron Co., Springfield, O.
Syracuse Malleable Iron Works, Syracuse, N. Y.
Troy Malleable Iron Co., Troy, N. Y.
Western Malleable & Grey Iron Mfg. Co., Milwaukee, Wis.

CC. MERCHANT IRON.
Harriman Rolling Mill, Harriman, Tenn.
Jackson & Woodin Mfg. Co., Berwick, Pa.
Morris, Wheeler & Co., 1608 Market St., Philadelphia, Pa.
New Haven Rolling Mill Co., New Haven, Conn.
Ogden & Wallace, 577 Greenwich St., New York.
Old Dominion Iron & Nail Works Co., Richmond, Va.
J. H. Sternbergh & Son, Reading, Pa. *33
Trenton Iron Co., Trenton, N. J.
Troy Steel Co., Troy, N. Y.
Union Rolling Mill Co., Cleveland, O.

DD. MUCK IRON.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Reading Iron Co., Reading, Pa.
Stewart Iron Co., Sharon, Pa.
Whitaker Iron Co., Wheeling, W. Va.

EE. NAIL RODS.
William & Harvey Rowland, Inc., Frankford, Phila., Pa.

FF. NORWAY IRON.
William & Harvey Rowland, Inc., Frankford, Phila., Pa.

GG. NUT RODS.
Aetna Standard Iron & Steel Co., Bridgeport, O.
New Haven Rolling Mill Co., New Haven, Conn.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Portland Rolling Mills, Portland, Me.
J. H. Sternbergh & Son, Reading, Pa. *33
Union Rolling Mill Co., Cleveland, O.

HH. PAN IRON.
Aetna Standard Iron & Steel Co., Bridgeport, O.

II. PIG IRON.
Aetna Coal & Iron Co., New York.
Andrews Bros. Co., Youngstown, O.
Anniston Coal Co., Anniston, Ala.
Barnum-Richardson Co., Lime Rock, Conn.
Belfont Iron Works Co., Ironton, O.
Bellaire Steel Co., Bellaire, O.
E. & G. Brooke Iron Co., Birdsbora, Pa.
Brown & Co., Inc., Pittsburg, Pa.
Burden Iron Co., Troy, N. Y.
Cahill Iron Works, Chattanooga, Tenn.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Central Iron & Steel Co., Brazil, Ind.

Chilhowee Mining Co., Knoxville, Tenn.
Citico Furnace Co., Chattanooga, Tenn.
Cleveland Rolling Mill Co., Cleveland, O.
Clifton Iron Co., Ironton, Ala.
D. S. Cook, Wrightsville, Pa.
Cooper, Hewitt & Co., 17 Burling Slip, New York.
Cranberry Iron & Coal Co., Philadelphia, Pa.
Detroit Copper Mining Co. of Arizona, 11 Cliff St., N. Y.
Eagle Iron & Steel Co., Ironton, O.
Elliott Pig Iron Co., Gadsden, Ala.
Ewald Iron Co., St. Louis, Mo.
Girard Iron Co., Girard, O.
Globe Iron Co., Jackson, O.
Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.
Horton Iron Works, Ashland, Ky.
Illinois Steel Co., Rookery Bldg., Chicago, Ill.
Jefferson Iron Works, Steubenville, O.
Jellico Coal Mining Co., Knoxville, Tenn.
Jenifer Furnace Co., Jenifer, Ala.
Kelly Iron & Nail Co., Ironton, O.
Knoxville Iron Co., Knoxville, Tenn.
Lime Rock Iron Co., Lime Rock, Conn.
Lincoln Iron Works, Boonton, N. J.
H. Lloyd's Sons Co., Pittsburg, Pa.
Mahoning Valley Iron Co., Youngstown, O.
Missouri Furnace Co., St. Louis, Mo.
Moorewood Coal & Coke Co., Ltd., Pittsburg, Pa.
Morris, Wheeler & Co., 1608 Market St., Philadelphia, Pa.
Mud River Coal, Coke & Iron Co., Mud River, Ky.
Norton Iron Works, Ashland, Ky.
Omaha & Grant Smelting Co., Omaha, Neb.
J. Painter & Son Co., Inc., Pittsburg, Pa.
Penn Iron & Coal Co., Canal Dover, O.
Pennsylvania Steel Co., Steelton, Pa.
Pickands, Brown & Co., 935 The Rookery, Chicago, Ill.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Portland Rolling Mills, Portland, Me.
Pottstown Iron Co., Pottstown, Pa.
Poughkeepsie Iron Co., Poughkeepsie, N. Y.
Pulaski Iron Co., Pulaski, Va.
Reading Iron Co., Reading, Pa.
Richmond Coal Co., Chattanooga, Tenn.
Richmond Iron Works, Richmond Furnace, Mass.
Riverside Iron Works, Wheeling, W. Va.
Roane Iron Co., Chattanooga, Tenn.
Royal Coal & Coke Co., Knoxville, Tenn.
Sale Creek Coal & Coke Co., Chattanooga, Tenn.
Sharpsville Furnace Co., Sharpsville, Pa.
Sheffield Coal, Iron & Steel Co., Sheffield, Ala.
Shenango Valley Steel Co., New Castle, Pa.
Sligo Coal Co., Anniston, Ala.
Sloss Iron & Steel Co., Birmingham, Ala.
Southern Mining Co., Atlanta, Ga.
Spang Steel & Iron Co., Pittsburg, Pa.
Standard Coal & Coke Co., Knoxville, Tenn.
Star Furnace Co., Jackson, O.
Stewart Iron Co., Sharon, Pa.
Tennessee Coal Co., Knoxville, Tenn.
Thomas Iron Co., Easton, Pa.
Troy Steel Co., Troy, N. Y.
Vigo Iron Co., Terre Haute, Ind.
Wabash Iron Co., Terre Haute, Ind.
Williamson Iron Co., Birmingham, Ala.
Woodstock Iron Works, Anniston, Ala.
Woodward Iron Co., Woodward, Ala.

JJ.	PIG IRON, ANTHRACITE.	Cooper, Hewitt & Co., 17 Burling Slip, New York.
KK.	PIG IRON, BESSEMER.	Andrews Bros. Co., Youngstown, O.
		Cooper, Hewitt & Co., 17 Burling Slip, New York.
LL.	REFINED IRON.	Diamond State Iron Co., 29 Broadway, New York.
		Old Dominion Iron & Nail Works Co., Richmond, Va.
		Portland Rolling Mills, Portland, Me.
		J. H. Sternbergh & Son, Reading, Pa.
		Union Iron & Steel Co., Youngstown, O.
MM.	RE-ROLLED NORWAY IRON.	Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
		Wm. & Harvey Rowland, Frankford, Philadelphia, Pa.
NN.	RIVET IRON.	Union Rolling Mill Co., Cleveland, O.

OO. ROLLED IRON.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	Birmingham Rolling Mill Co., Birmingham, Ala.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Tudor Iron Works, St. Louis, Mo.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
PP. SAFE PLATES.	Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.
	Pottstown Iron Co., Pottstown, Pa.
QQ. SHEET IRON.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	Andrews Bros. Co., Youngstown, O.
	Apolla Iron & Steel Co., Pittsburg, Pa.
	Beaver Tin Plate Co., Lisbon, O.
	Bergen Mfg. Co., Canton, O.
	Bessemer Rolling Mill Co., Birmingham, Ala.
	Birmingham Rolling Mill Co., Birmingham, Ala.
	Buhl Sons Co., Detroit, Mich.
	Canonsburg Iron & Steel Co., Pittsburg, Pa.
	Chattanooga Steel Roofing Co., Chattanooga, Tenn.
	Cleveland Rolling Mill Co., Cleveland, O.
	W. Dewees Wood Co., Pittsburg, Pa.
	Ewald Iron Co., St. Louis, Mo.
	Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.
	Lake Erie Iron Co., Cleveland, O.
	Mahoning Valley Iron Co., Youngstown, O.
	Marshall Iron Co., Newport, Del.
	Marshallton Iron & Steel Co., Marshallton, Del.
	McCullough Iron Co., Wilmington, Del.
	Mitchell, Tranter & Co., Cincinnati, O.
	Ogden & Wallace, 577 Greenwich St., New York.
	Reading Iron Co., Reading, Pa.
	St. Louis Stamping Co., St. Louis, Mo.
	Wheeling Corrugating Co., 81 Fulton St., New York.
	Whitaker Iron Co., Wheeling, W. Va.
RR. SHEET IRON BARS.	Aetna Standard Iron & Steel Co., Bridgeport, O.
SS. SHEET IRON, BLACK.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	Cincinnati Corrugating Co., Piqua, O.
	Cleveland Rolling Mill Co., Cleveland, O.
	Gummey, McFarland & Co., 151 N. 10th St., Phila., Pa.
TT. SHEET IRON, CORRUGATED.	Aetna Standard Iron & Steel Co., Bridgeport, O.
UU. SHEET IRON, GALVANIZED.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	Britton Rolling Mill Co., Cleveland, O.
	Buhl Sons Co., Detroit, Mich.
	Cincinnati Corrugating Co., Piqua, O.
	Lefferts Galvanizing Works, 510 E. 20th St., New York.
	John McVoy & Co., 25 Michigan St., Chicago, Ill.
	Union Iron & Steel Co., Youngstown, O.
	Wheeling Corrugating Co., Wheeling, W. Va.
	Whitaker Iron Co., Wheeling, W. Va.
VV. SHEET IRON, PLANISHED.	W. Dewees Wood Co., Pittsburg, Pa.
WW. SHEET IRON, PUNCHED & ROLLED.	Abendroth & Root Mfg. Co., 28 Cliff St., New York.
XX. SHEET IRON, REFINED.	Aetna Standard Iron & Steel Co., Bridgeport, O.
	Britton Rolling Mill Co., Cleveland, O.
	W. Dewees Wood Co., Pittsburg, Pa.
YY. SKELP IRON.	Union Iron & Steel Co., Youngstown, O.
ZZ. SPIKE RODS.	Duncannon Iron Co., 122 Race St., Philadelphia, Pa.
AAA. STAY BOLT IRON.	Ewald Iron Co., St. Louis, Mo.
	Falls Hollow Staybolt Co., Cuyahoga Falls, O.
	Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.
	Old Dominion Iron & Nail Works Co., Richmond, Va.
	J. H. Sternbergh & Son, Reading, Pa. *33
	Troy Steel Co., Troy, N. Y.
	Union Iron & Steel Co., Youngstown, O.
	West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
BBB. TIN PLATE BARS.	Bellaire Steel Co., Bellaire, O.
	Shenango Valley Steel Co., New Castle, Pa.
CCC. TIRE IRON.	Muncie Iron & Steel Co., Muncie, Ind.
DDD. UPSET RODS.	Birmingham Bolt & Nut Works, Birmingham, Ala.
	Michigan Bolt & Nut Works, Detroit, Mich.
EEE. WIRE RODS.	American Steel & Wire Co., 26 Cortlandt St., New York.
	American Wire Nail Co., Anderson, Ind.
	H. P. Nail Co., Cleveland, O.
	New Haven Rolling Mill Co., New Haven, Conn.
	Pittsburg Wire Co., Pittsburg, Pa.
	Portage Iron Co., Ltd., Duncansville, Pa.

St. Louis Wire & Iron Co., St. Louis, Mo.
Trenton Iron Co., Trenton, N. J.
Washburn & Moen Mfg. Co., Worcester, Mass.
P. H. Wolff & Co., ft. E. 118th St., New York.

2378. LEAD.

Baker & Adamson Chemical Co., Easton, Pa.
Chadwick Lead Works, Boston, Mass.
Colorado Smelting Co., Pueblo, Col.
Germania Lead Works, Salt Lake City, Utah.
Tatham & Bros., 82 Beekman St., New York.

A. ANTIMONIAL LEAD.
Selby Smelting & Lead Co., San Francisco, Cal.

B. BAR LEAD.
James Robertson Mfg. Co., Baltimore, Md.
Selby Smelting & Lead Co., San Francisco, Cal.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

C. DAMPER & KEY LEAD.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
Pierce Well Engineering & Supply Co., New York.
Selby Smelting & Lead Co., San Francisco, Cal.

D. GLAZIERS' LEAD.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.

E. GRANULATED LEAD.
Bissell Chemical Co., McKeesport, Pa.
Denver Fire Clay Co., Denver, Col.

F. LEAD BALLAST.
Boston Lead Mfg. Co., Boston, Mass.
Mowry & Phillips, Boston, Mass.
Penn. Lead Co., Pittsburg, Pa.
United States Foundry Co., 11 S. William St., New York.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

G. LEAD ORES.
Alice Gold & Silver Mining Co., Salt Lake City, Utah.
Anaconda Copper Mining Co., Butte, Mont.
Bi-Metallic Smelting Co., Leadville, Col.
Con. Kansas City Smelting & Refining Co., Argentine, Kan.
Moulton Mining Co., Butte, Mont.
Ontario Silver Mining Co., Salt Lake City, Utah.
St. Joseph Lead Co., 55 Liberty St., New York.
Small Hopes Consol. Mining Co., Leadville, Col.
Trimble & Hunter, Leadville, Col.
Union Smelting Works, Leadville, Col.
Wythe Lead & Zinc Mine Co., Austinville, Va.

H. PIG LEAD.
American Shot & Lead Co., 84 Van Buren St., Chicago, Ill.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
Chadwick Lead Works, Boston, Mass.
Colwell Lead Co., 63 Centre St., New York.
Con. Kansas City Smelting & Refining Co., Argentine, Kan.
Germania Lead Works, San Francisco, Cal.
Globe Smelting & Refining Co., Denver, Col.
Newark Smelting & Refining Works, Newark, N. J.
Omaha & Grant Smelting Co., Omaha, Neb.
Picher Lead Co., Chicago, Ill.
Pueblo Smelting & Refining Co., Pueblo, Col.
Raymond Lead Co., 51 W. Lake St., Chicago, Ill.
St. Joseph Lead Co., 55 Liberty St., New York.
Selby Smelting & Lead Co., San Francisco, Cal.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
Wythe Lead & Zinc Mine Co., Austinville, Va.

I. SHEET LEAD.
American Shot & Lead Co., 84 Vanburen St., Chicago, Ill.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
Boston Lead Mfg. Co., Boston, Mass.
Chadwick Lead Works, Boston, Mass.
Colwell Lead Co., 63 Centre St., New York.
National Lead Co., 100 William St., New York.
E. Phillips & Sons, South Hanover, Mass.
Raymond Lead Co., 51 Lake St., Chicago, Ill.
James Robertson Mfg. Co., Baltimore, Md.
Selby Smelting & Lead Co., San Francisco, Cal.
Tatham & Bros., 82 Beekman St., New York.

J. SHOT LEAD.
Colwell Lead Co., 63 Centre St., New York.
Selby Smelting & Lead Co., San Francisco, Cal.
Sidney Shepard & Co., Buffalo, N. Y.

K. TEST LEAD, CHEMICALLY PURE.
Pueblo Smelting & Refining Co., Pueblo, Col.

L. WEDGE LEAD.
Chadwick Lead Works, Boston, Mass.

2379. PERFORATED METALS.

Robt, Aitchison Perf. Metal Co., 269 Dearborn St., Chic., Ill.
A. J. Beckley & Co., Garwood, N. J.
Clinton Wire Cloth Co., Clinton, Mass.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Harrington & King Perf. Co., 224 N. Union St., Chicago, Ill.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Novelty Mfg. Co., Waterbury, Conn.

2380. PLATERS' METALS.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Geo. H. Fuller & Son, Pawtucket, R. I.
Linton & Co., Providence, R. I.
Riverside Metal Co., Riverside, N. J.
Union Hardware Co., Torrington, Conn.

2381. PLATINUM.
Baker & Co., Newark, N. J.
C. F. Croselmire, Newark, N. J.

2382. RUBBER MOULD METAL.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

2383. SILVER.

A. NON-CORROSIVE SILVER METAL.
Riverside Metal Co., Riverside, N. J.

B. SHEET SILVER.
A. T. Wall & Co., Providence, R. I.

C. SILVER BANDS.
C. Cowles & Co., New Haven, Conn.

D. SILVER ORES.
Alice Gold & Silver Mining Co., Walkersville, Mont.
Anaconda Copper Mining Co., Butte, Mont.
Boston & Mont. Con. Copper & Sil. Min. Co., Butte, Mont.
Bullion, Beck & Champion Min. Co., Salt Lake City, Utah.
Butte & Boston Cons. Mining Co., Butte, Mont.
Centennial Eureka Mining Co., Salt Lake City, Utah.
Dalton & Lark G., S. & L. Min. & Mill. Co., Salt Lake City.
Dalton Gold Min. & Milling Co., Salt Lake City, Utah.
Daly Mining Co., Salt Lake City, Utah.
Daly West Mining Co., Salt Lake City, Utah.
Eureka Hill Mining Co., Salt Lake City, Utah.
Geyser Marion Gold Mining Co., Salt Lake City, Utah.
Hanauer Smelting Works, Salt Lake City, Utah.
Moulton Mining Co., Butte, Mont.
Ontario Silver Mining Co., Salt Lake City, Utah.
Parott Silver & Copper Mining Co., Butte, Mont.
Small Hopes Cons. Mining Co., Leadville, Col.
South Western Mining Co., El Dorado Canon, Nev.

E. SMELTED SILVER.
Boston & Colorado Smelting Co., Denver, Col.
Boston & Mont. Cons. Copper & Sil. Min. Co., Butte, Mont.
Bullion, Beck & Champion Min. Co., Salt Lake City, Utah.
Butte & Boston Cons. Mining Co., Butte, Mont.
Centennial Eureka Mining Co., Salt Lake City, Utah.
Cons. Kansas City Smelt. & Refin. Co., Argentine, Kan.
Globe Smelting & Refining Co., Denver, Col.
Hanauer Smelt. Works, Salt Lake City, Utah.
Newark Smelting & Refining Works, Newark, N. J.
Omaha & Grant Smelting Co., Omaha, Neb.
Pennsylvania Lead Co., Pittsburg, Pa.
Phila. Smelting & Refining Co., Pueblo, Col.
Pueblo Smelting & Refining Co., Pueblo, Col.
Rio Grande Smelting Works, Socorra, New Mexico.
Selby Smelting Lead Co., San Francisco, Cal.

F. STERLING SILVER, FOR MANUFACTURERS' USE.
J. M. Ney & Co., Hartford, Conn.

2384. SOLDER.
Ajax Metal Co., 46 Richmond St., Philadelphia, Pa.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
J. Briggs & Sons Co., Providence, R. I.
Chadwick Lead Works, Boston, Mass.
Cincinnati Corrugating Co., Piqua, O.
Colwell Lead Co., 63 Centre St., New York.
V. Gill & Son, Birmingham, Ala.
E. L. Hand & Co., 616 Market St., Philadelphia, Pa.
C. G. Hussey & Co., Pittsburg, Pa.
Kester Electric Mfg. Co., Buffalo, N. Y.
E. M. Lang Co., Portland, Me.
National Cement & Rubber Mfg. Co., Toledo, O.
National Lead Co., 100 William St., New York.
James Robertson Mfg. Co., Baltimore, Md.
A. Schultz & Co., Baltimore, Md.
Scovill Mfg. Co., Waterbury, Conn.
Selby Smelting & Lead Co., San Francisco, Cal.
N. & G. Taylor Co., 301 Branch St., Philadelphia, Pa.
A. T. Wall & Co., Providence, R. I.
Wheeling Corrugating Co., Wheeling, W. Va.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

A. GOLD SOLDER.
J. Briggs & Sons Co., Providence, R. I.
Geo. H. Fuller & Son, Pawtucket, R. I.
E. N. Lang Co., Portland, Me.
J. M. Ney & Co., Hartford, Conn.

B. SILVER SOLDER.

Anderson, Du Puy & Co., Pittsburg, Pa.
J. Briggs & Sons Co., Providence, R. I.
Geo. H. Fuller & Son, Pawtucket, R. I.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

2385. SPIEGELEISEN.

Cambria Iron Co., Johnstown, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
James A. Coe & Co., Newark, N. J.
New Jersey Zinc Co., 52 Wall St., New York.
Passaic Zinc Co., Jersey City, N. J.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.

2386. STEEL.

A. AGRICULTURAL STEEL.

Aetna Standard Iron & Steel Co., Bridgeport, O.
Anderson, Du Puy & Co., Pittsburg, Pa.
Beaver Falls Steel Works, Beaver Falls, Pa.
Brown & Co., Inc., Pittsburg, Pa.
Burgess Steel & Iron Works, Portsmouth, O.
Cambria Iron Co., Johnstown, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Howe, Brown & Co., Ltd., Pittsburg, Pa.
La Belle Steel Co., Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Penn. Drop Forging Co., Pittsburg, Pa.
Single, Nimick & Co., Inc., Pittsburg, Pa.
Alex. Speer & Sons, Pittsburg, Pa.
Troy Steel Co., Troy, N. Y.
Union Iron & Steel Co., Youngstown, O.
A. R. Whitney, 29 Broadway, New York.

B. AXE STEEL.

Cambria Iron Co., Johnstown, Pa.
Ogden & Wallace, 577 Greenwich St., New York.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Sanderson Bros. Steel Co., Syracuse, N. Y.
Union Iron & Steel Co., Youngstown, O.

C. BAND & HOOP STEEL.

American Iron & Steel Works, Pittsburg, Pa.
Union Iron & Steel Co., Youngstown, O.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

D. BAR STEEL.

Aetna Standard Iron & Steel Co., Bridgeport, O.
American Iron & Steel Co., Pittsburg, Pa.
Benjamin Atha & Illingworth Co., Harrison, N. J.
Bellaire Steel Co., Bellaire, O.
Buhl Sons Co., Detroit, Mich.
Burgess Steel & Iron Works, Portsmouth, O.
Cambria Iron Co., Johnstown, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Chrome Steel Works, Kent Av. & Hooper St., Brooklyn, N.Y.
Farist Steel Co., Bridgeport, Conn.
Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.
Hart & Cooley Mfg. Co., South Chicago, Ill.
Mahoning Valley Iron Co., Youngstown, O.
Mitchell, Tranter & Co., Cincinnati, O.
New Haven Rolling Mill Co., New Haven, Conn.
Ogden & Wallace, 577 Greenwich St., New York.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Riverside Iron Works, Inc., Wheeling, W. Va.
A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa.
William & Harvey Rowland, Inc., Frankford, Phila., Pa.
J. H. Sternbergh & Son, Reading, Pa. *33
Troy Steel Co., Troy, N. Y.
Union Drawn Steel Co., Beaver Falls, Pa.
Union Iron & Steel Co., Youngstown, O.
Union Rolling Mill Co., Cleveland, O.

E. BESSEMER STEEL.

Bellaire Steel Co., Bellaire, O.
Wm. Clark Sons Co., Pittsburg, Pa.
Cumberland Steel & Tin Plate Co., Cumberland, Md.
Union Iron & Steel Co., Youngstown, Pa.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

F. BILLETS, STEEL.

Aetna Standard Iron & Steel Co., Bridgeport, O.
Bellaire Steel Co., Bellaire, O.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland Rolling Mill Co., Cleveland, O.
Jefferson Iron Works, Steubenville, O.
Midland Steel Co., Muncie, Ind.
Ogden & Wallace, 577 Greenwich St., New York.
Otis Steel Co., Ltd., Cleveland, O.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.

Pottstown Iron Co., Pottstown, Pa.
Riverside Iron Works, Inc., Wheeling, W. Va.
William & Harvey Rowland, Inc., Frankford, Phila., Pa.
Shenango Valley Steel Co., New Castle, Pa.
Troy Steel Co., Troy, N. Y.
Wheeling Steel & Iron Co., Inc., Wheeling, W. Va.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
Youngstown Steel Co., Youngstown, O.

G. BLOOMS, STEEL.
Aetna Standard Iron & Steel Co., Bridgeport, O.
Benjamin Atha & Illingworth Co., Harrison, N. J.
Bellaire Steel Co., Bellaire, O.
Cambria Iron Co., Johnstown, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland Rolling Mill Co., Cleveland, O.
Crescent Steel Co., Pittsburg, Pa.
Laughlin Nail Co., Inc., Wheeling, W. Va.
Linden Steel Co., Pittsburg, Pa.
Midland Steel Co., Muncie, Ind.
Ogden & Wallace, 577 Greenwich St., New York.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Pottstown Iron Co., Pottstown, Pa.
Riverside Iron Works, Inc., Wheeling, W. Va.
Troy Steel Co., Troy, N. Y.
Spang Steel & Iron Co., Pittsburg, Pa.
Springfield Iron Co., Springfield, Ill.

H. CALAMINE STEEL.
Republic Iron Works, Pittsburg, Pa.

I. CAST STEEL.
Benjamin Atha & Illingworth Co., Harrison, N. J.
Beaver Falls Steel Works, Beaver Falls, Pa.
Canton Steel Co., Canton, O.
Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.
Howe, Brown & Co., Ltd., Pittsburg, Pa.
Linden Steel Co., Pittsburg, Pa.
Ogden & Wallace, 577 Greenwich St., New York.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Pittsburg Steel Casting Co., Pittsburg, Pa.
Singer, Nimick & Co., Inc., Pittsburg, Pa.

J. CHROME STEEL.
Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.

K. COLD ROLLED STEEL.
Benjamin Atha & Illingworth Co., Harrison, N. J.
Beaver Tin Plate Co., Lisbon, O.
Cambria Iron Co., Johnstown, Pa.
Wm. Clark Sons Co., Pittsburg, Pa.
Elliott-Blair Steel Co., New Castle, Pa.
Hart & Cooley Mfg. Co., 35 S. Canal St., Chicago, Ill.
Ogden & Wallace, 577 Greenwich St., New York.
Wilmot & Hobbs Co., Ltd., Bridgeport, Conn. *23
R. H. Wolff & Co., Ltd., 260 E. 118th St., New York.

L. CRUCIBLE STEEL.
Brown & Co., Inc., Pittsburg, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
La Belle Steel Co., Pittsburg, Pa.
Park Bro. & Co., Pittsburg, Pa.
Sanderson Bros. Steel Co., Syracuse, N. Y.
Sterling Steel Co., Pittsburg, Pa.

M. CUTLERY STEEL.
Anderson, Du Puy & Co., Pittsburg, Pa.
Beaver Falls Steel Works, Beaver Falls, Pa.
Cambria Iron Co., Johnstown, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Sanderson Bros. Steel Co., Syracuse, N. Y.
Union Iron & Steel Co., Youngstown, O.

N. DIE BLOCK STEEL.
Anderson, Du Puy & Co., Pittsburg, Pa.
Beaver Falls Steel Co., Beaver Falls, Pa.
Bolton Iron & Steel Co., Canton, O.
Loring Coes & Co., Worcester, Mass.
Crescent Steel Co., Pittsburg, Pa.
Farist Steel Co., Bridgeport, Conn.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Sanderson Bros. Steel Co., Syracuse, N. Y.
Sterling Steel Co., Pittsburg, Pa.

O. DRAWING STEEL.
American Iron & Steel Co., Pittsburg, Pa.
Park Bro. & Co., Ltd., Pittsburg, Pa.
Wilmot & Hobbs Co., Bridgeport, Conn. *23

P. DRILL STEEL.
Anderson, Du Puy & Co., Pittsburg, Pa.
Benjamin Atha & Illingworth, Harrison, N. J.
Canton Iron Co., Canton, O.
Crescent Steel Co., Pittsburg, Pa.
Abner Doble Co., San Francisco, Cal.

	Park Bro. & Co., Ltd., Pittsburg, Pa.	
	Rand Drill Co., 100 Broadway, New York.	
	Sanderson Bros. Steel Co., Syracuse, N. Y.	
	Sterling Steel Co., Pittsburg, Pa.	
Q. HAMMERED STEEL.	Anderson, Du Puy & Co., Pittsburg, Pa.	
	Brown & Co., Inc., Pittsburg, Pa.	
	Cambria Iron Co., Johnstown, Pa.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Cleveland City Forge & Iron Co., Cleveland, O.	
	Ogden & Wallace, 577 Greenwich St., New York.	
	Sanderson Bros. Steel Co., Syracuse, N. Y.	
	Singer, Nimick & Co., Pittsburg, Pa.	
	Wilmot & Hobbs Co., Bridgeport, Conn.	*23
R. KEY STEEL.	Cambria Iron Co., Johnstown, Pa.	
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.	*23
S. MACHINERY STEEL.	Anderson, Du Puy & Co., Pittsburg, Pa.	
	Brown & Co., Inc., Pittsburg, Pa.	
	Burgess Steel & Iron Works, Portsmouth, O.	
	Cambria Iron Co., Johnstown, Pa.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Cleveland City Forge & Iron Co., Cleveland, O.	
	Crescent Steel Co., Pittsburg, Pa.	
	Cumberland Steel & Tin Plate Co., Cumberland, Md.	
	La Belle Steel Co., Pittsburg, Pa.	
	Midvale Steel Co., Nicetown, Philadelphia, Pa.	
	Ogden & Wallace, 577 Greenwich St., New York.	
	Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.	
	Sanderson Bros. Steel Co., Syracuse, N. Y.	
	Singer, Nimick & Co., Inc., Pittsburg, Pa.	
	Spang Steel & Iron Co., Pittsburg, Pa.	
T. MANGANESE STEEL.	Taylor Iron & Steel Co., High Bridge, N. J.	
U. MERCHANT STEEL.	American Iron & Steel Co., Pittsburg, Pa.	
	Anderson, Du Puy & Co., Pittsburg, Pa.	
	Bethlehem Iron Co., Bethlehem, Pa.	
	Cambria Iron Co., Johnstown, Pa.	
	Carnegie Steel Co., Pittsburg, Pa.	
	Cleveland Rolling Mill Co., Cleveland, O.	
	Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.	
	Midvale Steel Co., Nicetown, Philadelphia, Pa.	
	Morris, Wheeler & Co., 1608 Market St., Philadelphia, Pa.	
	Park Bro. & Co., Ltd., Pittsburg, Pa.	
	Wm. & Harvey Rowland, Frankford, Philadelphia, Pa.	
	Singer, Nimick & Co., Inc., Pittsburg, Pa.	
	Sloss Iron & Steel Co., Birmingham, Ala.	
	Spang Steel & Iron Co., Pittsburg, Pa.	
	Troy Steel Co., Troy, N. Y.	
	Union Iron & Steel Co., Youngstown, O.	
V. OPEN HEARTH STEEL.	Cambria Iron Co., Johnstown, Pa.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Ewald Iron Co., St. Louis, Mo.	
	La Belle Steel Co., Pittsburg, Pa.	
	Linden Steel Co., Pittsburg, Pa.	
	Park Bro. & Co., Ltd., Pittsburg, Pa.	
	Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.	
	Pottstown Iron Co., Pottstown, Pa.	
	Union Iron & Steel Co., Youngstown, O.	
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.	*23
W. PLOW STEEL.	Anderson, Du Puy & Co., Pittsburg, Pa.	
	Beaver Falls Steel Works, Beaver Falls, Pa.	
	Brown & Co., Pittsburg, Pa.	
	Burgess Steel & Iron Works, Portsmouth, O.	
	Cambria Iron Co., Johnstown, Pa.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Cumberland Steel & Tin Plate Co., Cumberland, Md.	
	Globe Rolling Mill, Iron & Steel Co., Cincinnati, O.	
	La Belle Steel Co., Pittsburg, Pa.	
	Thos. Meikle & Co., Louisville, Ky.	
	Park Bros. & Co., Ltd., Pittsburg, Pa.	
	Wm. & Harvey Rowland Co., Frankford, Philadelphia, Pa.	
X. ROLLED STEEL.	Bethlehem Iron Co., South Bethlehem, Pa.	
	Brown & Co., Inc., Pittsburg, Pa.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Ewald Iron Co., St. Louis, Mo.	
	Illinois Steel Co., Chicago, Ill.	
	Singer, Nimick & Co., Inc., Pittsburg, Pa.	
	J. H. Sternbergh & Son, Reading, Pa.	*33

Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

Y. SAFE STEEL.
Anderson, Du Puy & Co., Pittsburg, Pa.
Brown & Co., Inc., Pittsburg, Pa.
Burgess Steel & Iron Works, Portsmouth, O.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.
Park Bros. & Co., Ltd., Pittsburg, Pa.
William & Harvey Rowland, Inc., Frankford, Phila., Pa.

Z. SAW PLATES.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
William & Harvey Rowland, Frankford, Phila., Pa.
Singer, Nimick & Co., Inc., Pittsburg, Pa.

AA. SAW STEEL.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Crescent Steel Co., 480 Pearl St., New York.
Howe, Brown & Co., Ltd., Pittsburg, Pa.

BB. SHEET STEEL.
Aetna Standard Iron & Steel Co., Bridgeport, Conn.
American Iron & Steel Co., Pittsburg, Pa.
Anderson, Du Puy & Co., Pittsburg, Pa.
Andrews Bros. Co., Youngstown, O.
Beaver Falls Steel Works, Beaver Falls, Pa.
Beaver Tin Plate Co., Lisbon, O.
Bergen Mfg. Co., Canton, O.
Britton Rolling Mill Co., Cleveland, O.
Buhl Sons Co., Detroit, Mich.
Burgess Steel & Iron Works, Portsmouth, O.
Canonsburg Iron & Steel Co., Pittsburg, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cincinnati Corrugating Co., Piqua, O.
Wm. Clark Sons Co., Pittsburg, Pa.
Crescent Steel Co., Pittsburg, Pa.
Dennison Rolling Mills, Dennison, O.
Duquesne Co., Pittsburg, Pa.
Ewald Iron Co., St. Louis, Mo.
Grand Rapids Brass Co., Grand Rapids, Mich.
O. K. Harry Steel Works, St. Louis, Mo.
Hart & Cooley Mfg. Co., 35 S. Canal St., Chicago, Ill.
Howe, Brown & Co., Ltd., Pittsburg, Pa.
Jennings Steel Co., Ltd., Pittsburg, Pa.
Marshall Iron Co., Newport, Del.
Marshallton Iron & Steel Co., Marshallton, Del.
John McVoy & Co., 25 Michigan St., Chicago, Ill.
Midland Steel Co., Muncie, Ind.
Mitchell, Tranter & Co., Cincinnati, O.
Park Bro. & Co., Pittsburg, Pa.
Republic Iron Works, Pittsburg, Pa.
William & Harvey Rowland, Inc., Frankford, Phila., Pa.
Singer, Nimick & Co., Inc., Pittsburg, Pa.
Union Iron & Steel Co., Youngstown, O.
Wheeling Corrugating Co., Wheeling, W. Va.
Whitaker Iron Co., Wheeling, W. Va.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
Alan Wood Co., 519 Arch St., Philadelphia, Pa.
W. Dewees Wood Co., Pittsburg, Pa.

CC. SHOVEL STEEL.
Anderson, Du Puy & Co., Pittsburg, Pa.
Avery Stamping Co., Cleveland, O.
Cambria Iron Co., Johnstown, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Wm. & Harvey Rowland, Frankford, Philadelphia, Pa.

DD. SOFT STEEL.
Aetna Standard Iron & Steel Co., Bridgeport, O.
Cambria Iron Co., Johnstown, Pa.
New Haven Rolling Mill Co., New Haven, Conn.
Pottstown Iron Co., Pottstown, Pa.
J. H. Sternbergh & Son, Reading, Pa. *33
Union Iron & Steel Co., Youngstown, O.
A. & R. Whitney & Co., 29 Broadway, New York.

EE. SPRING STEEL.
Burgess Steel & Iron Works, Portsmouth, O.
Cambria Iron Co., Johnstown, Pa.
Canton Steel Co., Canton, O.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland Rolling Mill Co., Cleveland, O.
Crescent Steel Co., Pittsburg, Pa.
Harrow Spring Co., Kalamazoo, Mich.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Park Bros. & Co., Ltd., Pittsburg, Pa.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
William & Harvey Rowland, Inc., Frankford, Phila., Pa.
Troy Steel Co., Troy, N. Y.

	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.	*23
FF. STEEL PLATES.	Britton Rolling Mill Co., Cleveland, O.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Mahoning Valley Iron Co., Youngstown, O.	
	Mitchell, Tranter & Co., Cincinnati, O.	
	Pottstown Iron Co., Pottstown, Pa.	
	Republic Iron Works, Pittsburg, Pa.	
GG. STEEL RODS.	Shenango Valley Steel Co., New Castle, Pa.	
HH. STEEL SHELLS, PRESSED.	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.	*23
II. STEEL SLABS.	Bellaire Steel Co., Bellaire, O.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Laughlin Nail Co., Inc., Wheeling, W. Va.	
	Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.	
	Pottstown Iron Co., Pottstown, Pa.	
	Riverside Iron Works, Inc., Wheeling, W. Va.	
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.	*23
JJ. STRIP STEEL.	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Wm. Clark Sons Co., Pittsburg, Pa.	
	Hart & Cooley Mfg. Co., 35 S. Canal St., Chicago, Ill.	
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.	*23
KK. TIRE STEEL.	Aetna Standard Iron & Steel Co., Bridgeport, O.	
	Burgess Steel & Iron Works, Portsmouth, O.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Wm. Clark Sons Co., Pittsburg, Pa.	
	Old Dominion Iron Nail Mfg. Co., Richmond, Va.	
	Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.	
	Wm. & Harvey Rowland, Inc., Frankford, Philadelphia, Pa.	
	J. H. Sternbergh & Son, Reading, Pa.	*33
	Troy Steel Co., Troy, N. Y.	
	Union Iron & Steel Co., Youngstown, O.	
LL. TOE CALK STEEL.	Aetna Standard Iron & Steel Co., Bridgeport, O.	
	P. F. Burke, Boston, Mass.	
	Cambria Iron Co., Johnstown, Pa.	
	Park Bro. & Co., Ltd., Pittsburg, Pa.	
	Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.	
	Wm. & Harvey Rowland, Frankford, Philadelphia, Pa.	
	Troy Steel Co., Troy, N. Y.	
MM. TOOL STEEL.	Anderson, Du Puy & Co., Pittsburg, Pa.	
	Beaver Falls Steel Works, Beaver Falls, Pa.	
	Brown & Co., Inc., Pittsburg, Pa.	
	Buckeye Engine Co., Salem, O.	
	Cambria Iron Co., Johnstown, Pa.	
	Canton Steel Co., Canton, O.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.	
	Crescent Steel Co., Pittsburg, Pa.	
	Cumberland Steel & Tin Plate Works, Cumberland, Md.	
	Farist Steel Co., Bridgeport, Conn.	
	Howe, Brown & Co., Ltd., Pittsburg, Pa.	
	La Belle Steel Co., Pittsburg, Pa.	
	Linden Steel Co., Pittsburg, Pa.	
	Midvale Steel Co., Nicetown, Philadelphia, Pa.	
	Park Bro. & Co., Ltd., Pittsburg, Pa.	
	William & Harvey Rowland, Inc., Frankford, Phila., Pa.	
	Sanderson Bros. Steel Co., Syracuse, N. Y.	
	Singer, Nimick & Co., Inc., Pittsburg, Pa.	
NN. WELDED VAULT STEEL.	Anderson, Du Puy & Co., Pittsburg, Pa.	
	Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.	
	Park Bro. & Co., Ltd., Pittsburg, Pa.	
2387. TIN.	Baker & Adamson Chemical Co., Easton, Pa.	
	Bissell Chemical Co., McKeesport, Pa.	
	Chadwick Lead Works, Boston, Mass.	
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.	
A. BAR TIN.	Selby Smelting & Lead Co., San Francisco, Cal.	
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.	
B. ROOFING TIN.	Amer. Galvanized & Tin Plate Co., Cincinnati, O.	
	Beaver Tin Plate Co., Lisbon, O.	
	Britton Rolling Mill Co., Cleveland, O.	
	Canonsburg Iron & Steel Co., Pittsburg, Pa.	
	P. H. Laufman Co., Ltd., Apollo, Pa.	
	Marshall Bros. & Co., 1156 Beach St., Philadelphia, Pa.	
	Old Dominion Iron & Nail Works Co., Richmond, Va.	
	N. & G. Taylor Co., 301 Branch St., Philadelphia, Pa.	
	Wheeling Corrugating Co., Wheeling, W. Va.	
C. SHEET TIN, BRIGHT.	Aetna Standard Iron & Steel Co., Bridgeport, O.	
	Beaver Tin Plate Co., Lisbon, O.	

Canonsburg Iron & Steel Co., Pittsburg, Pa.
Chadwick Lead Works, Boston, Mass.
Cumberland Steel & Tin Plate Co., Cumberland, Md.
Dennison Rolling Mills, Dennison, O.
Duquesne Co., Pittsburg, Pa.
Gummey, McFarland & Co., Philadelphia, Pa.
Record Mfg. Co., Conneaut, O.
St. Louis Stamping Co., St. Louis, Mo.
Somers Bros., 3d St., c. 3d Av., Brooklyn, N. Y.
N. & G. Taylor Co., 301 Branch St., Philadelphia, Pa.
U. S. Iron & Tin Plate Mfg. Co., Demmler, Pa.
Wheeling Corrugated Co., Wheeling, W. Va.

D. TEATHERED TIN. — John C. Wiarda & Co., 259 Green St., Brooklyn, N. Y.

E. TIN FOIL. — John Conley & Son, 2 Dominick St., New York.
J. J. Crooke Co., 186 Grand St., New York.
W. H. Hutchinson & Co., Inc., Chicago, Ill.
Johnson Tin Foil & Metal Co., St. Louis, Mo.
Lehmaier, Schwartz & Co., 207 E. 22d St., New York.
Witteman Bros., 188 William St., New York.

F. TIN ORE. — Selby Smelting & Lead Co., San Francisco, Cal.

2388. TUYERE METAL. — Eastwood Wire Mfg. Co., Belleville, N. J.

2389. ZINC. — Baker & Adamson Chemical Co., Easton, Pa.

A. BRAZING SPELTER. — National Cement & Rubber Mfg. Co., Toledo, O.
U. S. Smelting Works, 1615 Spring Garden St., Phila., Pa.

B. GRANULATED ZINC. — Bissell Chemical Co., McKeesport, Pa.

C. SPELTER. — Ansonia Brass & Copper Co., 19 Cliff St., New York.
Baker & Adamson Chemical Co., Easton, Pa.
Bertha Mineral Co., 66 Maiden Lane, New York.
Cherokee-Lanyon Spelter Co., St. Louis, Mo.
Delaware Metal Refinery, 18th St. & Washn. Av., Phila., Pa.
Detroit White Lead Works, Detroit, Mich.
Edes Mfg. Co., Plymouth, Mass.
S. C. Edgar, St. Louis, Mo.
Granby Mining & Smelting Co., St. Louis, Mo.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Illinois Zinc Co., Peru, Ill.
W. & J. Lanyon, Pittsburg, Pa.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
New Jersey Zinc Co., 52 Wall St., New York.
Passaic Zinc Co., 111 Liberty St., New York.
Phelps, Dodge & Co., 11 Cliff St., New York.
Taunton Copper Mfg. Co., Taunton, Mass.
U. S. Smelting Works, Philadelphia, Pa.
R. T. Wilson & Co., New York.
Wythe Lead & Zinc Mine Co., Austinville, Va.

D. ZINC ORES. — Wythe Lead & Zinc Mine Co., Austinville, Va.

E. ZINC PLATES. — E. Phillips & Sons, South Hanover, Mass.

F. ZINC RODS. — Taunton Copper Mfg. Co., Taunton, Mass.

XXVII. MUSICAL INSTRUMENTS.

2390. AUTOMATIC MUSICAL INSTRUMENTS. — Aeolian Co., 18 W. 23d St., New York.
Maestro Co., Elbridge, New York.
Wilcox & White Co., Meriden, Conn.

A. ORGAN, AUTOMATIC PLAYING ATTACHMENTS. — Maestro Co., Elbridge, N. Y.

B. PIANO, AUTOMATIC PLAYING ATTACHMENTS. — Maestro Co., Elbridge, N. Y.
Wilcox & White Co., Meriden, Conn.

2391. BAND INSTRUMENTS. — Theo. Berteling & Co., 177 Bowery, New York.
Jos. Bohmann, 376 W. Madison St., Chicago, Ill.
Boston Musical Instrument Manufactory, Boston, Mass.
Buescher Mfg. Co., Elkhart, Ind.
Fred. Busch, 51 Bowery, New York.

C. G. Conn, Elkhart, Ind.

2392. BANJOS. Jos. Bohmann, 376 W. Madison St., Chicago, Ill.
Excelsior Drum Works, 923 Locust St., Philadelphia, Pa.
L. B. Gatcomb Co., Boston, Mass.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
John C. Haynes & Co., Boston, Mass.
J. F. Luscomb Co., Boston, Mass.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
Stewart & Bauer, 1016 Chestnut St., Philadelphia, Pa.
John F. Stratton, 62 Grand St., New York.

A. ALUMINUM BANJO PINS. Pratt Mfg. Co., 167 Wooster St., New York.

B. BANJO HEADS. Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.

C. BANJO KEYS. Arlington Mfg. Co., 475 Broadway, New York.

2393. BASSOONS. August Gemunder & Sons, 42 E. 23d St., New York.

2394. BASS VIOLS. Jos. Bohmann, 376 W. Madison St., Chicago, Ill.
Thompson & Odell Co., Boston, Mass.

2395. BELLS, ORCHESTRA. B. Shoninger Co., New Haven, Conn.

2396. BOWS. Chas. F. Albert, 205 S. 9th St., Philadelphia, Pa.
August Gemunder & Sons, 42 E. 23d St., New York.

2397. CASES, MUSICAL INSTRUMENT.
Crane Bros., Westfield, Mass.
Mrs. Peter Gilgen, 676 W. 14th St., Chicago, Ill.
Hugo Kleineick, Newark, N. J.
Maulbetsch & Whittemore, Newark, N. J.
J. J. Warren Co., Worcester, Mass.

A. MUSICAL INSTRUMENT BAGS. G. E. Constantin, 82 Sackman St., Brooklyn, N. Y.
Chas. F. Hanson & Sons, Worcester, Mass.

B. MUSICAL INSTRUMENT CASES, LEATHER. Maulbetsch & Whittemore, Newark, N. J.

C. VIOLIN CASES. Theo. Kraft & Sons, 534 W. Broadway, New York.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.

D. VIOLIN COVERS. Goodyears India Rubber Glove Mfg. Co., 503 B'way, N. Y.

2398. CLARINETS. T. Berteling & Co., 177 Bowery, New York.
Buescher Mfg. Co., Elkhart, Ind.
George Cloos, 39 Stagg St., Brooklyn, N. Y.
C. G. Conn, Elkhart, Ind.

2399. CYMBALS. August Gemunder & Sons, 42 E. 23d St., New York.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.

2400. DOOR HARPS. Hartmann Bros. & Reinhard, 225 Bowery, New York.
A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.

2401. DRUMS. John Church Co., Cincinnati, O.
Henry Eisele, New York.
Excelsior Drum Works, 923 Locust St., Philadelphia, Pa.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
Samuel Wells & Son, 219 Middleton St., Brooklyn, N. Y.

A. BASS DRUMS. John Church Co., Cincinnati, O.
C. G. Conn, Elkhart, Ind.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.

B. DRUM HEADS. Chicago Rawhide Mfg. Co., 77 Ohio St., Chicago, Ill.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.

C. DRUM SLINGS. J. J. Warren Co., Worcester, Mass.

D. KETTLE DRUMS. C. G. Conn, Elkhart, Ind.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.

E. ORCHESTRA DRUMS. C. G. Conn, Elkhart, Ind.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.

F. SNARE DRUMS. C. G. Conn, Elkhart, Ind.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.

2402. DULCIMERS. Hartmann Bros. & Reinhard, 225 Bowery, New York.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.

2403. FIFES. George Cloos, 39 Stagg St., Brooklyn, N. Y.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.

2404. FLAGEOLETS, BRASS.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.

2405. FLUTES. T. Berteling & Co., 177 Bowery, New York.
George Cloos, 39 Stagg St., Brooklyn, N. Y.
C. G. Conn, Elkhart, Ind.
John C. Haynes & Co., Boston, Mass.

2406. GUITARS. Arlington Mfg. Co., 475 Broadway, New York.
Jos. Bohmann, 276 W. Madison St., Chicago, Ill.
Carnegie Steel Co., Ltd., Braddock, Pa.
G. A. Emsh, Camden, N. J.

Excelsior Drum Works, 923 Locust St., Philadelphia, Pa.
L. B. Gatcomb Co., 171 Tremont St., Boston, Mass.
August Gemunder & Sons, 42 E. 23d St., New York.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
Hartmann Bros. & Reinhard, 225 Bowery, New York.
John C. Haynes & Co., Boston, Mass.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
Sundberg & Co., 524 W. 43d St., New York.

2407. HARPS. Lyon & Healy, 199 Wabash Av., Chicago, Ill.

2408. MANDOLINS. Jos. Bohmann, 276 W. Madison St., Chicago, Ill.
L. B. Gatcomb Co., Boston, Mass.
August Gemunder & Sons, 42 E. 23d St., New York.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
Hartmann Bros. & Reinhard, 225 Bowery, New York.
John C. Haynes & Co., Boston, Mass.
Hutchins Mfg. Co., Springfield, Mass.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
S. F. Myers Co., 48 Maiden Lane, New York.
Sundberg & Co., 524 W. 43d St., New York.

2409. METALLOPHONES. A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.

2410. MUSIC RESTS. Aeolian Co., 18 W. 23d St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Foster, Merriam & Co., Meriden, Conn.
Gould-Mersereau Co., 259 Canal St., New York.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.

A. MUSIC STANDS, ORCHESTRA. Wm. J. Bishop, Edward & N. Hancock Sts., Phila., Pa.
Gould-Mersereau Co., 259 Canal St., New York.
Krauth & Benninghafen, Hamilton, O.

2411. OBOES. T. Berteling & Co., 177 Bowery, New York.
August Gemunder & Sons, 42 E. 23d St., New York.

2412. ORCHESTRIONS. Bernard Dufner, Buffalo, N. Y.

2413. ORGAN PARTS & SUPPLIES.

A. COUPLER JACKS. Samuel Pierce Organ Pipe Co., Reading, Mass.

B. OCTAVE COUPLERS. Samuel Pierce Organ Pipe Co., Reading, Mass.

C. ORGAN ACTIONS. E. P. Carpenter Co., Brattleboro, Vt.
Sylvanus Elliott's Son, Winchester, Mass.
Samuel Pierce Organ Pipe Co., Reading, Mass.

D. ORGAN ARMS. Samuel Pierce Organ Pipe Co., Reading, Mass.

E. ORGAN CASES. Bauerle & Stark Co., 224 Ohio St., Chicago, Ill.

F. ORGAN HARDWARE. Blake & Johnson, Waterbury, Conn.
Homer D. Bronson Co., Beacon Falls, Conn.
Cornwall & Patterson Mfg. Co., Bridgeport, Conn.
New Britain Hardware Mfg. Co., New Britain, Conn.

G. ORGAN KEYS. Comstock, Cheney & Co., Ivoryton, Conn.
Sylvester Tower, Cambridgeport, Mass.

H. ORGAN LEATHER. White Bros. & Co., Boston, Mass.

I. ORGAN PIPES. A. B. Felgemaker, Erie, Pa.
Edwin Hedges, Westfield, Mass.
Samuel Pierce Organ Pipe Co., Reading, Mass.
Marcellus A. Ware, Millis, Mass.

J. ORGAN REEDS. Brown & Simpson Co., Worcester, Mass.
Chicago Brass Co., 76 Monroe St., Chicago, Ill.
Hammond Reed Co., Worcester, Mass.
Loring & Blake Organ Co., Worcester, Mass.

K. ORGAN SPRINGS. Chas. E. Austin, Lowell, Mass.
Wallace Barnes Co., Bristol, Conn.
Blake, Lamb & Co., Waterbury, Conn.
Dunbar Bros., Bristol, Conn.
Sabine Machine Co., Montpelier, Vt.

L. ORGAN SQUARES. Samuel Pierce Organ Pipe Co., Reading, Mass.

M. ORGAN STOPS. Denison Bros., Deep River, Conn.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Novelty Twining Co., Fitchburg, Mass.

N. ORGAN STUDS. Samuel Pierce Organ Pipe Co., Reading, Mass.

O. ORGAN TRACKERS. Samuel Pierce Organ Pipe Co., Reading, Mass.

2414. ORGANS.

A. CABINET REED ORGANS. Aeolian Co., 18 W. 23d St., New York.
George P. Bent, 209 Wabash Av., Chicago, Ill.
Bridgeport Organ Co., Bridgeport, Conn.
E. P. Carpenter Co., Brattleboro, Vt.
A. B. Chase Co., Norwalk, O.
Chicago Cottage Organ Co., 258 Wabash Av., Chicago, Ill.
Clough & Warren Co., Detroit, Mich.
Estey Organ Co., Brattleboro, Vt.
Farrand & Votey Organ Co., Detroit, Mich.

Fort Wayne Organ Co., Fort Wayne, Ind.
Hughes & Son, Foxcroft, Me.
W. W. Kimball Co., 243 Wabash Av., Chicago, Ill.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
Mason & Hamlin Co., 3 W. 18th St., New York.
Reuben Midmer & Son, 95 Steuben St., Brooklyn, N. Y.
Miller Organ Co., Lebanon, Pa.
Needham Piano & Organ Co., 96 5th Av., New York.
Newman Bros. Co., Dix., c. W. Chicago Av., Chicago, Ill.
Prescott Piano Co., Concord, N. H.
Frank L. Raymond, Cleveland, O.
B. Showinger Co., New Haven, Conn.
Sterling Co., Derby, Conn.
Storey & E. A. Clark Co., 1349 State St., Chicago, Ill.
Taber Organ Co., Worcester, Mass.
Waterloo Organ Co., Waterloo, N. Y.
Weaver Organ & Piano Co., York, Pa.
Clark J. Whitney, Detroit, Mich.
A. H. Whitney Co., Quincy, Ill.
Wilcox & White Co., Meriden, Conn.

B. CHURCH ORGANS.
Estey Organ Co., Brattleboro, Vt.
Fort Wayne Organ Co., Fort Wayne, Ind.
Hook & Hastings Co., Kendal Green, Mass.
G. Jardine & Son, 318 E. 39th St., New York.
Mason & Hamlin Co., 3 W. 18th St., New York.
Reuben Midmer & Son, 95 Steuben St., Brooklyn, N. Y.
J. H. & C. S. Odell & Co., 407 W. 42d St., New York.
Sherman, Clay & Co., Inc., San Francisco, Cal.
Weaver Organ & Piano Co., York, Pa.
Wilcox & White Co., Meriden, Conn.

C. MECHANICAL ORGANS.
Aeolian Co., 18 W. 23d St., New York.
Autophone Co., Ithaca, N. Y.

D. ORCHESTRAL ORGANS.
Fort Wayne Organ Co., Fort Wayne, Ind.

E. PIPE ORGANS.
Estey Organ Co., Brattleboro, Vt.
Farrand & Votey Organ Co., Detroit, Mich.
Lewis C. Harrison & Co., Bloomfield, N. J.
Hook & Hastings Co., Boston, Mass.
G. Jardine & Son, 318 E. 39th St., New York.
W. W. Kimball Co., 243 Wabash Av., Chicago, Ill.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
Mason & Risch Vocalion Co., Ltd., Worcester, Mass.
Votey Organ Co., Detroit, Mich.
Jesse Woodberry & Co., 414 Albany St., Boston, Mass.

F. ROLLER ORGANS.
Autophone Co., Ithaca, N. Y.

2415. ORGUINETTES.
Aeolian Co., 18 W. 23d St., New York.

2416. PIANO PARTS.

A. ACTION BRACKETS.
Comstock, Cheney & Co., Ivoryton, Conn.
Davenport & Treacy Co., 743 E. 11th St., New York.
Strauch Bros., 30 10th Av., New York.

B. ORCHESTRA CHIMES.
Comstock, Cheney & Co., Ivoryton, Conn.
B. Shoninger Co., New Haven, Conn.

C. PIANO ACTIONS.
Strauch Bros., 30 10th Av., New York.
Sylvester Tower, Cambridgeport, Mass.

D. PIANO CASES.
Dielmann & Lincks, 517 W. 19th St., New York.
Grand Rapids Piano Case Co., Grand Rapids, Mich.
J. H. Lockey Piano Case Co., Leominster, Mass.
Freeborn G. Smith, 774 Fulton St., Brooklyn, N. Y.

E. PIANO FOOT CLAMPS.
R. Bliss Mfg. Co., Pawtucket, R. I.

F. PIANO FRAMES.
Davenport & Treacy Co., 743 E. 11th St., New York.
Geo. H. Faxon Co., Everett, Mass.
H. C. Harney & Co., Dupont & Franklin Sts., B'klyn, N. Y.
Walker Foundry Co., Erie, Pa.

G. PIANO HAMMERS.
Comstock, Cheney & Co., Ivoryton, Conn.
David H. Schmidt, 667 E. 163d St., New York.
Strauch Bros., 30 10th Av., New York.

H. PIANO HARDWARE.
Homer D. Bronson Co., Beacon Falls, Conn.
Cornwall & Patterson Mfg. Co., Bridgeport, Conn.
Geo. H. Faxon Co., Everett, Mass.
Henry Haas & Son, 551 W. 35th St., New York.
New Britain Hardware Mfg. Co., New Britain, Conn.

I. PIANO KEY IVORY.
Comstock, Cheney & Co., Ivoryton, Conn.

J. PIANO KEY LEADS.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

K. PIANO KEY PINS.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.

L. PIANO KEYS.
Comstock, Cheney & Co., Ivoryton, Conn.

C. A. Houghton, Cambridgeport, Mass.
Pratt, Reed & Co., Deep River, Conn.
Strauch Bros., 30 10th Av., New York.
Sylvester Tower, Cambridgeport, Mass.

M. PIANO LEGS. Standard Wood Turning Co., Jersey City, N. J.

N. PIANO MATERIALS. Alfred Dolge & Son, 112 E. 13th St., New York.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.

O. PIANO WIRE. Frasse Co., 19 Warren St., New York.

P. SOUNDING BOARDS. Alfred Dolge & Son, New York.
Parker & Young Co., Lisbon, N. H.

Q. TWISTED PIANO TRUSSES. Ohio Scroll & Lumber Co., Covington, Ky.

2417. PIANOS.

A. GRAND PIANOS.
Briggs Piano Co., Boston, Mass.
Chickering & Sons, 5th Av. & 18th St., New York.
Emerson Piano Co., Boston, Mass.
Estey Organ Co., Brattleboro, Vt.
Estey Piano Co., 505 S. Boulevard, New York.
Fort Wayne Organ Co., Fort Wayne, Ind.
Ernest Gabler & Bro., 214 E. 22d St., New York.
Hallet & Davis Piano Mfg. Co., Boston, Mass.
Ivers & Pond Piano Co., Boston, Mass.
Krakauer Bros., 159 E. 126th St., New York.
W. W. Kimball Co., 243 Wabash Av., Chicago, Ill.
Wm. Knabe & Co. Mfg. Co. of Balto. City, 148 5th Av., N. Y.
Mason & Hamlin Co., 3 W. 18th St., New York.
Mathushek Piano Mfg. Co., New Haven, Conn.
Henry F. Miller & Sons Piano Co., Boston, Mass.
Schomacker Pianoforte Mfg. Co., 1109 Chestnut St., Phila., Pa.
Sohmer & Co., 170 5th Av., New York.
Geo. Steck & Co., 11 E. 14th St., New York.
Steinway & Sons, Inc., 109 E. 14th St., New York.
Charles M. Stieff, Baltimore, Md.
Weber, Wheelock Co., 108 5th Av., New York.
Webster Piano Co., 241 Willoughby Av., Brooklyn, N. Y.

B. SQUARE PIANOS. Henry F. Miller & Sons Piano Co., Boston, Mass.

C. UPRIGHT PIANOS. Julius Bauer Co., Inc., 156 Wabash Av., Chicago, Ill.
Behr Bros. & Co., 298 11th Av., New York.
Boardman & Gray, Albany, N. Y.
Briggs Piano Co., Boston, Mass.
Cable & Sons, 550 W. 38th St., New York.
Chickering & Sons, 5th Av. & 18th St., New York.
Clough & Warren Co., Detroit, Mich.
Decker & Son, 975 E. 135th St., New York.
Emerson Piano Co., Boston, Mass.
Estey Organ Co., Brattleboro, Vt.
Estey Piano Co., 505 S. Boulevard, New York.
Fort Wayne Organ Co., Fort Wayne, Ind.
Ernest Gabler & Bro., 214 E. 22d St., New York.
Haines Bros., Inc., Boulevard & Alexander Av., New York.
Hallet & Davis Piano Mfg. Co., Boston, Mass.
Hazelton Bros., 34 University Place, New York.
Hughes & Son, Foxcroft, Me.
Ivers & Pond Piano Co., Boston, Mass.
W. W. Kimball Co., 243 Wabash Av., Chicago, Ill.
Wm. Knabe Mfg. Co. of Balto. City, 148 5th Av., New York.
Krakauer Bros., 159 E. 126th St., New York.
Kranich & Bach, Inc., 235 E. 23d St., New York.
Mason & Hamlin Co., 3 W. 18th St., New York.
Mathushek Piano Mfg. Co., New Haven, Conn.
Henry F. Miller & Sons Piano Co., Boston, Mass.
Needham Piano & Organ Co., 96 5th Av., New York.
Pease Piano Co., 316 W. 43d St., New York.
Peek & Son, 1569 Broadway, New York.
Prescott Piano Co., Concord, N. H.
F. L. Raymond Co., Cleveland, O.
Schomacker Pianoforte Mfg. Co., 1109 Chestnut St., Phila., Pa.
Schubert Piano Co., 535 E. 134th St., New York.
B. Shoninger Co., New Haven, Conn.
Freeborn G. Smith, 774 Fulton St., Brooklyn, N. Y.
Sohmer & Co., 170 5th Av., New York.
Geo. Steck & Co., 11 E. 14th St., New York.
Steinway & Sons, Inc., 109 E. 14th St., New York.
Sterling Co., Derby, Conn.
Chas. M. Stieff, Baltimore, Md.
Stultz & Bauer, Inc., 338 E. 31st St., New York.

	Vose & Sons Piano Co., Boston, Mass.
	Waterloo Organ Co., Waterloo, N. Y.
	Weaver Organ & Piano Co., York, Pa.
	Weber, Wheelock Co., 108 5th Av., New York.
	Webster Piano Co., 241 Willoughby Av., Brooklyn, N. Y.
	A. H. Whitney Co., Quincy, Ill.
D. UPRIGHT PIANO CHIME ATTACHMENTS.	Briggs Piano Co., Boston, Mass.
	B. Shoninger Co., New Haven, Conn.
2418. PICCOLOS.	John C. Haynes & Co., Boston, Mass.
2419. SAXOPHONES.	C. G. Conn, Elkhart, Ind.
2420. STRINGS, MUSICAL INSTRUMENT.	
A. HARP STRINGS.	National Musical String Co., New Brunswick, N. J.
	N. Y. Co-Operative Piano String Co., 316 E. 95th St., N. Y.
B. PIANO STRINGS.	Alfred Dolge & Son, 112 E. 13th St., New York.
	Jacob Doll, 144 5th Av., New York.
	Estate of Francis Ramacciotti, 167 W. 27th St., New York.
	Geo. H. Faxon Co., Everett, Mass.
	National Musical String Co., New Brunswick, N. J.
C. VIOLIN & BANJO STRINGS.	Hartmann Bros. & Reinhard, 225 Bowery, New York.
	National Musical String Co., New Brunswick, N. J.
D. WIRE COVERED STRINGS.	Chas. F. Albert, 205 S. 9th St., Philadelphia, Pa.
	Jacob Doll, 144 5th Av., New York.
	August Gemunder & Sons, 42 E. 23d St., New York.
	Francis Ramacciotti, 164 W. 27th St., New York.
2421. TAMBOURINES.	John Church Co., Cincinnati, O.
	Henry Eisele, 209 Grand St., New York.
	Excelsior Drum Works, 923 Locust St., Philadelphia, Pa.
	J. Howard Foote, 31 Cortlandt St., New York.
	Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
	Lyon & Healy, 199 Wabash Av., Chicago, Ill.
	Samuel Wells & Son, 219 Middleton St., Brooklyn, N. Y.
2422. TIN WHISTLES.	Geo. Sherman & Bro., Pearsalls, N. Y.
2423. TRIANGLES.	Wm. H. Anderson & Sons, Detroit, Mich.
	Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.
	Humason & Beckley Mfg. Co., New Britain, Conn.
2424. TUNING FORKS.	Humason & Beckley Mfg. Co., New Britain, Conn.
2425. VIOLAS.	Chas. F. Albert, 205 S. 9th St., Philadelphia, Pa.
	Jos. Bohmann, 376 State St., Chicago, Ill.
	August Gemunder & Sons, 42 E. 23d St., New York.
	Thompson & Odell Co., Boston, Mass.
2426. VIOLINS.	Chas. F. Albert, 205 S. 9th St., Philadelphia, Pa.
	Jos. Bohmann, 376 W. Madison St., Chicago, Ill.
	J. Friedrich & Bro., 16 Cooper Union, New York.
	August Gemunder & Sons, 42 E. 23d St., New York.
	S. F. Myers Co., 33 Liberty St., New York.
	Thompson & Odell Co., Boston, Mass.
A. VIOLIN KEYS.	Arlington Mfg. Co., 475 Broadway, New York.
2427. VIOLONCELLOS.	Chas. F. Albert, 205 S. 9th St., Philadelphia, Pa.
	Jos. Bohmann, 376 W. Madison St., Chicago, Ill.
	August Gemunder & Sons, 42 E. 23d St., New York.
	Thompson & Odell Co., 186 Washn. St., Boston, Mass.
2428. XYLOPHONES.	John Church Co., Cincinnati, O.
	Hartmann Bros. & Reinhard, 225 Bowery, New York.
	A. Schoenhut Co., 2215 Adam St., Philadelphia, Pa.
2429. ZITHERS.	Jos. Bohmann, 376 W. Madison St., Chicago, Ill.
	G. A. Ernst, Camden, N. J.
	Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.
	Hartmann Bros. & Reinhard, 225 Bowery, New York.
	John C. Haynes & Co., Boston, Mass.
	Lyon & Healy, Inc., 199 Wabash Av., Chicago, Ill.
A. TOY ZITHERS.	Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.

XXVIII. OILS, GREASE AND TALLOW.

2430. ANTI-RUST OIL.	Binghamton Oil Refining Co., Binghamton, N. Y.
	E. H. Kellogg & Co., 243 South St., New York.
	F. H. Melville, 57 N. Moore St., New York.

W. F. Nye, New Bedford, Mass.
Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.

2431. ARTISTS' OIL.
F. W. Devoe & C. F. Raynolds Co., 101 Fulton St., N. Y.
Harrison Bros. & Co., 117 Fulton St., New York.

A. CHINA DECORATIVE OIL.
F. W. Devoe & C. F. Raynolds Co., 101 Fulton St., N. Y.

2432. BELTING OIL.
Borne-Scrymser Co., 80 South St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Fiske Bros. Refining Co., 59 Water St., New York.
Parke & Lacey Co., San Francisco, Cal.
E. L. Post & Co., 50 Cliff St., New York.
Standard Oil Co. of New York, 26 Broadway, New York.
World Refining Co., Easton, Pa.

2433. BLACK OIL.
Emery Candle Co., Cincinnati, O.
Globe Oil Co., Cleveland, O.
Tide Water Oil Co., 12 Broadway, New York.

2434. CORN OIL.
Chicago Sugar Refining Co., W. Taylor & Beach, Chic., Ill.

2435. COTTON SEED OIL.

A. CRUDE COTTON SEED OIL.
American Cotton Oil Co., 46 Cedar St., New York.
Anderson Oil & Fertilizer Co., Anderson, S. C.
Belton Oil Co., Belton, Tex.
A. P. Brantley Co., Blackshear, Ga.
Edgecombe Country Oil Co., Tarboro, N. C.
Elberton Oil Mills, Elberton, Ga.
Ennis Cotton Oil & Ginning Co., Ennis, Tex.
Florida Mfg. Co., Madison, Fla.
Galveston Oil Co., Galveston, Tex.
Gate City Oil Co., Atlanta, Ga.
Jacksonville Oil Mill Co., Jacksonville, Ala.
P. B. Maynard & Co., Forsyth, Ga.
Mutual Cotton Oil Co., Columbus, Ga.
Port Gibson Oil Works, Port Gibson, Miss.
Sherman Oil & Cotton Co., Sherman, Tex.
Southern Cotton Oil Co., Memphis, Tenn.
Swan & Finch Co., 151 Maiden Lane, New York.
Taylor Cotton Oil Works, Taylor, Tex.
Union Oil Co., New Orleans, La.
Valley Oil Mills, Memphis, Tenn.

B. REFINED COTTON SEED OIL.
American Cotton Oil Co., 46 Cedar St., New York.
Belton Oil Co., Belton, Tex.
Gate City Oil Co., Atlanta, Ga.
Josiah Macy's Sons, 191 Front St., New York.
Manhattan Oil Co., 51 Front St., New York.
Reed & Hewlett, 20 Platt St., New York.
Southern Cotton Oil Co., Memphis, Tenn.
Swan & Finch Co., 151 Maiden Lane, New York.
Union Oil Co., Providence, R. I.
Valley Oil Mills, Memphis, Tenn.

2436. COTTON SEED SOAP STOCK.
American Cotton Oil, 46 Cedar St., New York.
Gate City Oil Co., Atlanta, Ga.
Manhattan Oil Co., 51 Front St., New York.
Southern Cotton Oil Co., Memphis, Tenn.
Union Oil Co., Providence, R. I.
Valley Oil Mills, Memphis, Tenn.

2437. CURRIERS' OIL.
Binghamton Oil Refining Co., Binghamton, N. Y.
Fiske Bros. Refining Co., 59 Water St., New York.
Globe Oil Co., Cleveland, O.
Leander M. Haskins, Boston, Mass.
Ilsley, Doubleday & Co., 229 Front St., New York.
Merchants' Oil Co., Cleveland, O.
Tidewater Oil Co., 12 Broadway, New York.

2438. DEAD OIL, CREOSOTING.
McClintock & Irvine, Allegheny, Pa.

2439. ELAINE OIL.
Emery Candle Co., Cincinnati, O.
Josiah Macy's Sons, 191 Front St., New York.
Manhattan Oil Co., 51 Front St., New York.

2440. FINE MACHINE OIL.

A. BICYCLE OIL.
American Oil Co., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Cleveland Petrolatum Co., Cleveland, O.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
Lovell & Tracy Oil Co., Hartford, Conn.
R. McWilliams, Ltd., New Orleans, La.
National Cement & Rubber Mfg. Co., Toledo, O.
William F. Nye, New Bedford, Mass.
Specialty Supply Co., 150 5th Av., New York.

Standard Oil Co. of New York, 26 Broadway, New York.
Swan & Finch Co., 151 Maiden Lane, New York.
World Refining Co., Easton, Pa.

B. CLOCK & WATCH OIL.
Ezra Kelley, New Bedford, Mass.
William F. Nye, New Bedford, Mass.
World Refining Co., Easton, Pa.

C. GUN OIL.
E. H. Kellogg & Co., 243 South St., New York.
William F. Nye, New Bedford, Mass.
Standard Oil Co. of New York, 26 Broadway, New York.

D. JEWELERS' LATHE OIL.
William F. Nye, New Bedford, Mass.

E. SEWING MACHINE OIL.
American Oil Co., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Brooks Oil Co., Cleveland, O.
Cleveland Petrolatum Co., Cleveland, O.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Fiske Bros. Refining Co., 59 Water St., New York.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
Franklin Oil Works, Franklin, Pa.
Ilsley, Doubleday & Co., 229 Front St., New York.
Ezra Kelley Co., New Bedford, Mass.
Manhattan Oil Co., 51 Front St., New York.
McKesson & Robbins, 91 Fulton St., New York.
R. McWilliams, Ltd., New Orleans, La.
Frank Miller Co., 349 W. 26th St., New York.
William F. Nye, New Bedford, Mass.
Vacuum Oil Co., Rochester, N. Y.
Vail Bros., 816 Cherry St., Philadelphia, Pa.
Whittemore Bros. & Co., Boston, Mass.
World Refining Co., Easton, Pa.

F. TYPEWRITER OIL.
Arctic Oil Works, San Francisco, Cal.
Ezra Kelley, New Bedford, Mass.
W. F. Nye, New Bedford, Mass.
F. S. Webster Co., Boston, Mass.

2441. FISH OIL.
American Fisheries Co., 135 Front St., New York.
Barren Island Fertilizer & Oil Wks., Inc., 36 West St., N. Y.
Geo. Delano's Sons, New York.
Dey & Bro., Beaufort, N. C.
Jarecki Chemical Co., Sandusky, O.
Manhattan Oil Co., 51 Front St., New York.
William F. Nye, New Bedford, Mass.
Pacific Steam Whaling Co., San Francisco, Cal.
W. A. Robinson & Co., New Bedford, Mass.
Round Pond Oil & Guano Co., Round Pond, Me.

2442. FLOOR OIL.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Dreher Grease & Oil Co., 80 Cortlandt St., New York.

2443. GAS OIL.
Tide Water Oil Co., 12 Broadway, New York.

2444. GASOLINE.
Atlantic Refining Co., 125 Arch St., Philadelphia, Pa.
Freedom Oil Works, Freedom, Pa.
Pacific Coast Oil Co., San Francisco, Cal.
Standard Oil Co., 26 Broadway, New York.

2445. GREASE.
Adam Cook's Sons, 313 West St., New York.
McMillan Fur & Wool Co., Minneapolis, Minn.

A. AXLE GREASE.
Brooks Oil Co., Cleveland, O.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
J. Dixon Crucible Co., Jersey City, N. J.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.
Frazer Lubricator Co., 31 Superior St., Chicago, Ill.
Freedom Oil Works, Freedom, Pa.
Galena Axle Grease Co., Galena, Ill.
Globe Oil Co., Cleveland, O.
F. C. Johnson, Kishwaukee, Ill.
Ilsley, Doubleday & Co., 229 Front St., New York.
Longman & Martinez, 207 Pearl St., New York.
Lovell & Tracy Oil Co., Hartford, Conn.
R. McWilliams, Ltd., New Orleans, La.
Monitor Oil Co., Cleveland, O.
Wm. F. Nye, New Bedford, Mass.
D. J. Ogilvy, Cincinnati, O.
Smith & Nichols, 143 Front St., New York.
Smith Railroad Lubricating Co., Elizabethport, N. J.
Star Mfg. Co., Easton, Pa.
D. A. Stuart & Co., Inc., 447 Illinois St., Chicago, Ill.
Swan & Finch Co., 151 Maiden Lane, New York.
Union Grease Co., Boston, Mass.

Waters-Pierce Oil Co., St. Louis, Mo.
World Refining Co., Easton, Pa.

B. BELT GREASE.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Freedom Oil Works, Freedom, Pa.
Ilsley, Doubleday & Co., 229 Front St., New York.
Longman & Martinez Co., 207 Pearl St., New York.
R. McWilliams, Ltd., New Orleans, La.
Smith & Nichols, 143 Front St., New York.
Swan & Finch Co., 151 Maiden Lane, New York.
C. A. Turner, Pittsburg, Pa.
Union Grease Co., Boston, Mass.
World Refining Co., Easton, Pa.

C. BICYCLE CHAIN GREASE.
Fiske Bros. Refining Co., 59 Water St., New York.

D. BONE GREASE.
Lister's Agricultural Chemical Works, Newark, N. J.

E. CAR GREASE.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Fiske Bros. Refining Co., 59 Water St., New York.
Frazer Lubricator Co., 31 Superior St., Chicago, Ill.
Ilsley, Doubleday & Co., 229 Front St., New York.
Longman & Martinez, 207 Pearl St., New York.
Reliance Oil & Grease Co., Cleveland, O.
Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.
Swan & Finch Co., 151 Maiden Lane, New York.
Waters-Pierce Oil Co., St. Louis, Mo.
World Refining Co., Easton, Pa.

F. CUP GREASE.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Fiske Bros. Refining Co., 59 Water St., New York.
Freedom Oil Works, Freedom, Pa.
Globe Oil Co., Cleveland, O.
Swan & Finch Co., 151 Maiden Lane, New York.
Ilsley, Doubleday & Co., 229 Front St., New York.
R. McWilliams, Ltd., New Orleans, La.
Monitor Oil Co., Cleveland, O.
Reliance Oil & Grease Co., Cleveland, O.
Smith & Nichols, 143 Front St., New York.

G. CYLINDER GREASE.
Binghamton Oil Refining Co., Binghamton, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Ilsley, Doubleday & Co., 229 Front St., New York.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Reliance Oil & Grease Co., Cleveland, O.
Smith & Nichols, 143 Front St., New York.
Swan & Finch Co., 151 Maiden Lane, New York.

H. GEAR GREASE.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
J. Dixon Crucible Co., Jersey City, N. J.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.
Freedom Oil Works, Freedom, Pa.
Ilsley, Doubleday & Co., 229 Front St., New York.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn. N. Y.
Reliance Oil & Grease Co., Cleveland, O.
Smith & Nichols, 143 Front St., New York.
Swan & Finch Co., 151 Maiden Lane, New York.
World Refining Co., Easton, Pa.

I. GRAPHITE GREASE.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Joseph Dixon Crucible Co., Jersey City, N. J.
Ilsley, Doubleday & Co., 229 Front St., New York.
S. Obermayer Co., Cincinnati, O.
Swan & Finch Co., 151 Maiden Lane, New York.
World Refining Co., Easton, Pa.

J. MACHINERY GREASE.
American Oil Co., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Columbia Refining Co., 18 Broadway, New York.
Adam Cook's Sons, 313 West St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.
Frazer Lubricator Co., 31 Superior St., Chicago, Ill.
Ilsley, Doubleday & Co., 229 Front St., New York.
E. H. Kellogg Co., 243 South St., New York.
Lackawanna Lubricating Co., Scranton, Pa.
McClintock & Irvine, Allegheny, Pa.
R. McWilliams, Ltd., New Orleans, La.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.
Tide Water Oil Co., 12 Broadway, New York.
World Refining Co., Easton, Pa.

K. PRINTING INK GREASE.
Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.

L. SHOE GREASE.
World Refining Co., Easton, Pa.

M. WIRE ROPE GREASE.
A. Leschen & Sons Rope Co., St. Louis, Mo.

2446. HARNESS OIL.
Bonner, Miller & Co., St. Louis, Mo.
Brooks Oil Co., Cleveland, O.
Buffalo Specialty Mfg. Co., Buffalo, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Eclipse Cement & Blacking Co., 1238 Belmont Av., Phila.,
Freedom Oil Works, Freedom, Pa.
Germania Oil Co., Detroit, Mich.
Lovell & Tracy Oil Co., Hartford, Conn.
R. McWilliams, Ltd., New Orleans, La.
Frank Miller Co., 349 W. 26th St., New York.
A. D. Miller's Sons Co., Pittsburg, Pa.
Wm. F. Nye, New Bedford, Mass.
Vacuum Oil Co., Rochester, N. Y.
L. M. West Mfg. Co., Rockford, Ill.
World Refining Co., Easton, Pa.

2447. HELMET OIL.
Charles H. Besly & Co., 10 N. Canal St., Chicago, Ill.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.

2448. ILLUMINATING OIL.
Atlantic Refining Co., 125 Arch St., Philadelphia, Pa.
Campbell & Thayer, 89 Maiden Lane, New York.
Columbia Refining Co., New York.
Crew-Levick Co., 113 Arch St., Philadelphia, Pa.
Eclipse Lubricating Oil Works, Franklin, Pa.
Ensign Refining Co., Cleveland, O.
Fiske Bros. Refining Co., 59 Water St., New York.
Freedom Oil Works Co., Freedom, Pa.
Longman & Martinez, 207 Pearl St., New York.
A. D. Miller's Sons Co., Pittsburg, Pa.
Pacific Coast Oil Co., San Francisco, Cal.
Peerless Transit Co., Cleveland, O.
Standard Oil Co. of New York, 26 Broadway, New York
Swan & Finch Co., 151 Maiden Lane, New York.
Tide Water Oil Co., 12 Broadway, New York.
Union Petroleum Co., 138 S. 4th St., Philadelphia, Pa.
Waters-Pierce Oil Co., St. Louis, Mo.

A. MINERS' OIL.
American Cotton Oil Co., Cincinnati, O.
Binghamton Oil Refining Co., Binghamton, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
A. G. Harbough Co., Cleveland, O.
A. D. Miller's Sons Co., Pittsburg, Pa.
National Cement & Rubber Mfg. Co., Toledo, O.
D. A. Stewart & Co., Inc., 447 Illinois St., Chicago, Ill.

B. SIGNAL OIL.
American Oil Co., Providence, R. I.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Freedom Oil Works, Freedom, Pa.
Ilsley, Doubleday & Co., 229 Front St., New York.
E. H. Kellogg Co., 243 South St., New York.
A. D. Miller's Sons Co., Pittsburg, Pa.
William F. Nye, New Bedford, Mass.
Reed & Hewlett, 20 Platt St., New York.
Signal Oil Co., Franklin, Pa.
Standard Oil Co. of New York, 26 Broadway, New York
Tide Water Oil Co., 12 Broadway, New York.
Union Grease Co., 39 Hartford St., Boston, Mass.
Vacuum Oil Co., Rochester, N. Y.

2449. JUTE OIL.
Crew-Levick Co., 113 Arch St., Philadelphia, Pa.
Fiske Bros. Refining Co., 59 Water St., New York.
Standard Oil Co. of New York, 26 Broadway, New York.
Swan & Finch Co., 151 Maiden Lane, New York.

2450. LARD OIL.
American Oil Co., Providence, R. I.
Borne-Scrymser Co., 80 South St., New York.
Burckhardt & Co., Cincinnati, O.
James Dalzell, Son & Co., Inc., Pittsburg, Pa.
Davis Oil Co., 95 9th St., Brooklyn, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Fiske Bros. Refining Co., 59 Water St., New York.
A. G. Harbaugh Co., Cleveland, O.
G. Janton & Sons, Columbus, O.
Josiah Macy's Sons, 191 Front St., New York.
Manhattan Oil Co., 51 Front St., New York.
Wm. H. Place Mfg. Co., Providence, R. I.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.
Swan & Finch Co., 151 Maiden Lane, New York.

2451. LINSEED OIL.
Archer & Co., St. Paul, Minn.

Geo. W. Blabon, 34 N. 5th St., Philadelphia, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Burlington Linseed Oil Co., Burlington, Iowa.
Campbell & Thayer, 89 Maiden Lane, New York.
Cedar Rapids Linseed Oil Works, Cedar Rapids, Iowa.
Chicago White Lead & Oil Co., N. Greene & Fulton, Chic., Ill.
Cincinnati Linseed Oil Co., Cincinnati, O.
Cleveland Linseed & Oil Co., Cleveland, O.
Crown Linseed Oil Works, St. Louis, Mo.
Dean Linseed Oil Co., 181 Front St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Dubuque Linseed Oil Co., Dubuque, Iowa.
Fredonia Oil Works, Fredonia, Kan.
Freedom Oil Works Co., Freedom, Pa.
Griswold Linseed Oil Co., Cleveland, O.
Leavenworth Linseed Oil Works, Leavenworth, Kan.
J. T. Lewis & Bros. Co., 231 S. Front St., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
Mann Bros. & Co., Buffalo, N. Y.
Mansfield Linseed Oil Works, Mansfield, O.
Metzger Linseed Oil Co., 1205 W. 18th St., Chicago, Ill.
Mound City Paint & Color Co., St. Louis, Mo.
Nat'l Lead & Oil Co. of Pa., Pittsburg, Pa.
National Lead Co., St. Louis, Mo.
National Linseed Oil Co., 1285 Old Colony Bldg., Chic., Ill.
O'Brien Varnish Co., South Bend, Ind.
St. Paul White Lead & Oil Co., St. Paul, Minn.
S. P. Shotter Co., Savannah, Ga.
Sioux City Linseed Oil Works, Sioux City, Iowa.
Topeka Linseed Oil Works, Topeka, Kan.
World Refining Co., Easton, Pa.
Wright & Lawther O. & L. Mfg. Co., 33 W. Polk, Chic., Ill.

A. BOILED LINSEED OIL.
Campbell & Thayer, 89 Maiden Lane, New York.
H. H. Clark & Co. Linseed Oil Works, Decatur, Ill.
Crown Linseed Oil Works, St. Louis, Mo.
Griswold Linseed Oil Co., Warren, O.
Leavenworth Linseed Oil Works, Leavenworth, Kan.
Metzger Linseed Oil Co., 1205 W. 18th St., Chicago, Ill.
Nat'l Lead & Oil Co. of Pa., Pittsburg, Pa.
National Linseed Oil Co., 1285 Old Colony Bldg., Chic., Ill.
Thresher & Co., Dayton, O.
Woodman Linseed Oil Works, Omaha, Neb.
Wright & Lawther O. & L. Mfg. Co., 33 W. Polk, Chic., Ill.

B. LINSEED OIL SUBSTITUTE.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
L. Emery, Jr., & Co., Bradford, Pa.
Wm. H. Magoffin, 710 Drexel Bldg., Philadelphia, Pa.

C. PRINTING INK LINSEED OIL.
S. P. Shotter Co., Savannah, Ga.
Wright & Lawther O. & L. Mfg. Co., 33 W. Polk, Chic., Ill.

D. REFINED LINSEED OIL.
Metzger Linseed Oil Co., 1205 W. 18th St., Chicago, Ill.
Nat'l Lead & Oil Co. of Pa., Pittsburg, Pa.
Wright & Lawther O. & L. Mfg. Co., 33 W. Polk, Chic., Ill.

2452. LUBRICATING COMPOUNDS.

American Oil Co., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Adam Cook's Sons, 313 West St., New York.
Frazer Lubricator Co., 31 Superior St., Chicago, Ill.
Galena Oil Co., Franklin, Pa.
Ilsley, Doubleday & Co., 229 Front St., New York.
Keystone Lubricating Co., 20th & Allegheny Av., Phila., Pa.
Lackawanna Lubricating Co., Scranton, Pa.
Lovell & Tracy Oil Co., Hartford, Conn.
Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Nat'l Cement & Rubber Mfg. Co., Toledo, O.
William F. Nye, New Bedford, Mass.
Ohio Electric Specialty Mfg. Co., Troy, O.
Peter Pulver & Sons, 214 Franklin St., New York.
Reliance Oil & Grease Co., Cleveland, O.
D. A. Stuart Co., Inc., 447 Illinois St., Chicago, Ill.
Union Oil Co., Pittsburg, Pa.
Upsons Oil & Soap Co., Parkersburg, W. Va.
World Refining Co., Easton, Pa.

2453. LUBRICATING OIL.

Charles H. Besly & Co., 10 N. Canal St., Chicago, Ill.
Cleveland Petrolatum Co., 767 Pearl St., Cleveland, O.
Crescent Oil Works, Franklin, Pa.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.

Franklin Oil Works, Franklin, Pa.
Freedom Oil Works Co., Freedom, Pa.
W. P. Fuller & Co., Pine & Front Sts., San Francisco, Cal.
National Cement & Rubber Mfg. Co., Toledo, O.
Wm. H. Place Mfg. Co., Providence, R. I.
Star Mfg. Co., Dock St., Easton, Pa.
Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.
Union Petroleum Co., 138 S. 4th St., Philadelphia, Pa.
Upsons Oil & Soap Co., Parkersburg, W. Va.

A. AXLE OIL, CAR.
Borne-Scrymser Co., 80 South St., New York.
Brooks Oil Co., Cleveland, O.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Fiske Bros. Refining Co., 59 Water St., New York.
Gay & Parsons, Augusta, Me.
Ilsley, Doubleday & Co., 229 Front St., New York.
E. H. Kellogg & Co., 243 South St., New York.
Frank Miller Co., 349 W. 26th St., New York.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Peter Pulver & Sons, 214 Franklin St., New York.
Reliance Oil & Grease Co., Cleveland, O.
World Refining Co., Easton, Pa.

B AXLE OIL, WAGON.
American Shaft Holder Co., Wabash, Ind.
James B. Campbell & Co., 416 W. Madison St., Chicago, Il
Fiske Bros. Refining Co., 59 Water St., New York.
Ilsley, Doubleday & Co., 229 Front St., New York.
Frank Miller Co., 349 W. 26th St., New York.
Standard Oil Co. of New York, 26 Broadway, New York.

C. COMMERCIAL CASTOR OIL.
Merchants' Oil Co., Cleveland, O.

D. CYLINDER OIL.
American Oil Co., 180 S. Water St., Providence, R. I.
Atlantic Refining Co., 125 Arch St., Philadelphia, Pa.
Binghamton Oil Refining Co., Binghamton, N. Y.
Borne-Scrymser Co., 80 South St., New York.
Cleveland Petrolatum Co., Cleveland, O.
Adam Cook's Sons, 313 West St., New York.
Crew-Levick Co., 113 Arch St., Philadelphia, Pa.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Eagle Refining Co., Cleveland, O.
Fiske Bros. Refining Co., 59 Water St., New York.
Freedom Oil Works Co., Freedom, Pa.
Globe Oil Co., Cleveland, O.
Ilsley, Doubleday & Co., 229 Front St., New York.
E. H. Kellogg & Co., 243 South St., New York.
Longman & Martinez, 207 Pearl St., New York.
Manhattan Oil Co., 51 Front St., New York.
R. McWilliams, Ltd., New Orleans, La.
Merchants' Oil Co., Cleveland, O.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
A. D. Miller's Sons Co., Pittsburg, Pa.
Monitor Oil Co., Cleveland, O.
Wm. F. Nye, New Bedford, Mass.
Reed & Hewlett, 20 Platt St., New York.
Reliance Oil & Grease Co., Cleveland, O.
Smith Railroad Lubricating Co., Elizabethport, N. J.
Standard Oil Co. of New York, 26 Broadway, New York.
D. A. Stuart & Co., Inc., 447 Illinois St., Chicago, Ill.
Swan & Finch Co., 151 Maiden Lane, New York.
Tide Water Oil Co., 12 Broadway, New York.
Troy Belting & Supply Co., Troy, N. Y.
Troy Oil Works, Troy, N. Y.
Union Oil Co., Pittsburg, Pa.
Vacuum Oil Co., Rochester, N. Y.
World Refining Co., Easton, Pa.

E. DRILL OIL.
Binghamton Oil Refining Co., Binghamton, N. Y.
Borne-Scrymser Co., 80 South St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.
Ilsley, Doubleday & Co., 229 Front St., New York.
Reliance Oil & Grease Co., Cleveland, O.
Standard Oil Co. of New York, 26 Broadway, New York.

F. DYNAMO OIL.
American Oil Co., 180 S. Water St., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Adam Cook's Sons, 313 West St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Fiske Bros. Refining Co., 59 Water St., New York.
Freedom Oil Works Co., Freedom, Pa.

Ilsley, Doubleday & Co., 229 Front St., New York.
E. H. Kellogg & Co., 243 South St., New York.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Wm. F. Nye, New Bedford, Mass.
Reliance Oil & Grease Co., Cleveland, O.
Standard Oil Co. of New York, 26 Broadway, New York.
Swan & Finch Co., 151 Maiden Lane, New York.
Tide Water Oil Co., 12 Broadway, New York.
Union Oil Co., Pittsburg, Pa.
World Refining Co., Easton, Pa.

G. ENGINE OIL.

American Oil Co., 180 S. Water St., Providence, R. I.
Atlantic Refining Co., 125 Arch St., Philadelphia, Pa.
Binghamton Oil Refining Co., Binghamton, N. Y.
Borne-Scrymser Co., 80 South St., New York.
Adam Cook's Sons, 313 West St., New York.
Crescent Oil Works, Franklin, Pa.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Detroit Lubricator Co., Detroit, Mich.
Eagle Refining Co., Cleveland, O.
Fiske Bros. Refining Co., 59 Water St., New York.
Franklin Oil Works, Franklin, Pa.
Freedom Oil Works Co., Freedom, Pa.
Globe Oil Co., Cleveland, O.
Ilsley, Doubleday & Co., 229 Front St., New York.
E. H. Kellogg, 243 South St., New York.
Manhattan Oil Co., 51 Front St., New York.
R. McWilliams, Ltd., New Orleans, La.
Merchants' Oil Co., Cleveland, O.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
A. D. Miller's Sons Co., Pittsburg, Pa.
Monitor Oil Co., Cleveland, O.
Wm. F. Nye, New Bedford, Mass.
Reed & Hewlett, 20 Platt St., New York.
Reliance Oil & Grease Co., Cleveland, O.
Standard Oil Co. of New York, 26 Broadway, New York.
Swan & Finch Co., 151 Maiden Lane, New York.
Tide Water Oil Co., 12 Broadway, New York.
Troy Oil Works, Troy, N. Y.
Union Oil Co., Pittsburg, Pa.
Vacuum Oil Co., Rochester, N. Y.
World Refining Co., Easton, Pa.

H. MACHINERY CASTOR OIL.

Merchants' Oil Co., Cleveland, O.

I. MACHINERY OIL.

American Oil Co., 180 S. Water St., Providence, R. I.
Atlantic Refining Co., 125 Arch St., Philadelphia, Pa.
Binghamton Oil Refining Co., Binghamton, N. Y.
Borne-Scrymser Co., 80 South St., New York.
Brooke Oil Co., Cleveland, O.
Cleveland Petrolatum Co., Cleveland, O.
Columbia Refining Co., 18 Broadway, New York.
Adam Cook's Sons, 313 West St., New York.
Crescent Oil Works, Franklin, Pa.
Crew-Levick Co., 113 Arch St., Philadelphia, Pa.
James Dalzell, Son & Co., Inc., Pittsburg, Pa.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Eagle Refining Co., Cleveland, O.
Fiske Bros. Refining Co., 59 Water St., New York.
Franklin Oil Works, Franklin, Pa.
Freedom Oil Works Co., Freedom, Pa.
Globe Oil Co., Cleveland, O.
Hoffman Lubricator & Oil Co., Binghamton, N. Y.
E. F. Houghton & Co., 240 W. Somerset St., Phila., Pa.
Ilsley, Doubleday & Co., 229 Front St., New York.
Ezra Kelley, New Bedford, Mass.
E. H. Kellogg Co., 243 South St., New York.
Leonard & Ellis, 11 Broadway, New York.
Longman & Martinez, 207 Pearl St., New York.
Lovel-Tracy Oil Co., Hartford, Conn.
Manhattan Oil Co., 51 Front St., New York.
R. McWilliams, Ltd., New Orleans, La.
Merchants' Oil Co., Cleveland, O.
W. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Wm. F. Nye, New Bedford, Mass.
Pacific Coast Oil Co., San Francisco, Cal.
Wm. H. Place Mfg. Co., Providence, R. I.
Reed & Hewlett, 20 Platt St., New York.

Reliance Oil & Grease Co., Cleveland, O.
Smith & Nichols, 143 Front St., New York.
Standard Oil Co. of New York, 26 Broadway, New York.
D. A. Stuart & Co., Inc., 447 Illinois St., Chicago, Ill.
Swan & Finch Co., 151 Maiden Lane, New York.
Tide Water Oil Co., 12 Broadway, New York.
Troy Belting & Supply Co., Troy, N. Y.
Vacuum Oil Co., Rochester, N. Y.
Waters-Pierce Oil Co., Olive & 9th Sts., St. Louis, Mo.
West Virginia Oil Co., Inc., Parkersburg, W. Va.
World Refining Co., Easton, Pa.

J. RAILWAY OIL.
American Oil Co., Providence, R. I.
Atlantic Refining Co., 125 Arch St., Philadelphia, Pa.
Binghamton Oil Refining Co., Binghamton, N. Y.
Borne-Scrymser Co., 80 South St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.
Frazer Lubricator Co., 31 Superior St., Chicago, Ill.
Ilsley, Doubleday & Co., 229 Front St., New York.
Manhattan Oil Co., 51 Front St., New York.
Standard Oil Co. of New York, 26 Broadway, New York.
Swan & Finch Co., 151 Maiden Lane, New York.
Vacuum Oil Co., Rochester, N. Y.

K. RED OIL.
American Soap Co., 75 Murray St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.
Goodwin Mfg. Co., St. Louis, Mo.
Harkness & Cowing Co., Cincinnati, O.
Josiah Macy's Sons, 151 Front St., New York.
Manhattan Oil Co., 51 Front St., New York.
Monitor Oil Co., Cleveland, O.
Tide Water Oil Co., 12 Broadway, New York.
Will & Baumer Co., Syracuse, N. Y.
World Refining Co., Easton, Pa.

L. SPINDLE OIL.
American Oil Co., 180 S. Water St., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Drehler Grease & Oil Co., 80 Cortlandt St., New York.
Fiske Bros. Refining Co., 59 Water St., New York.
Freedom Oil Works Co., Freedom, Pa.
Manhattan Oil Co., 51 Front St., New York.
Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Monitor Oil Co., Cleveland, O.
Wm. F. Nye, New Bedford, Mass.
Standard Oil Co. of New York, 26 Broadway, New York.
Swan & Finch Co., 151 Maiden Lane, New York.
Tide Water Oil Co., 12 Broadway, New York.
Vacuum Oil Co., Rochester, N. Y.
World Refining Co., Easton, Pa.

M. VALVE OIL.
American Oil Co., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Borne-Scrymser Co., 80 South St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Eclipse Lubricating Oil Works, Franklin, Pa.
Fiske Bros. Refining Co., 59 Water St., New York.
Franklin Oil Works, Franklin, Pa.
Ilsley, Doubleday & Co., 229 Front St., New York.
Manhattan Oil Co., 51 Front St., New York.
Merchants' Oil Co., Cleveland, O.
Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Reed & Hewlett, 20 Platt St., New York.
Signal Oil Co., Franklin, Pa.
Vacuum Oil Co., Rochester, N. Y.

2454. MINERAL OIL.
American Oil Co., Providence, R. I.
Borne-Scrymser Co., 80 South St., New York.
Crew-Levick Co., 113 Arch St., Philadelphia, Pa.
Freedom Oil Works Co., Freedom, Pa.
Glade Oil Works, Warren, Pa.
Manhattan Oil Co., 51 Front St., New York.
A. D. Miller's Sons Co., Pittsburg, Pa.
Standard Oil Co. of New York, 26 Broadway, New York.
Swan & Finch Co., 151 Maiden Lane, New York.

A. WOOL OIL STOCK.
Tide Water Oil Co., 12 Broadway, New York.

2455. MUSTARD SEED OIL.
Reed & Hewlett, 20 Platt St., New York.
Reliance Oil & Grease Co., Cleveland, O.
C. L. Stickney, 257 Bowery, New York.

2456. NAPHTHA.
American Oil Works, Ltd., Titusville, Pa.
Barrett Mfg. Co., 290 Broadway, New York.

Climax Gasoline Co., Titusville, Pa.
Climax Oil Mfg. Co., Titusville, Pa.
Freedom Oil Works Co., Freedom, Pa.
Standard Oil Co. of New York, 26 Broadway, New York.
Tide Water Oil Co., 12 Broadway, New York.

A. DEODORIZED NAPHTHA. Freedom Oil Works Co., Freedom, Pa.

2457. NEATSFOOT OIL. Armour & Co., Chicago, Ill.
Brooks Oil Co., Cleveland, O.
John Bullock & Son, Baltimore, Md.
Davis Oil Co., 95 9th St., Brooklyn, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Manhattan Oil Co., 51 Front St., New York.
Michigan Carbon Works, Detroit, Mich.
Wm. H. Place Mfg. Co., Providence, R. I.
Swan & Finch Co., 151 Maiden Lane, New York.
World Refining Co., Easton, Pa.

2458. NEUTRAL OIL. Freedom Oil Works Co., Freedom, Pa.
Monitor Oil Co., Cleveland, O.

2459. OLEOMARGARINE OIL. John Reardon & Sons, 24 Commerce St., Boston, Mass.

2460. PARAFFINE OIL. American Oil Co., 180 S. Water St., Providence, R. I.
Pennsylvania Paraffine Works, Titusville, Pa.
Tide Water Oil Co., 12 Broadway, New York.

2461. PETROLEUM, CRUDE.
Barnsdall & McDermott, Bradford, Pa.
Bisett Bros., Bradford, Pa.
C. K. Book, Bradford, Pa.
James E. Cochrane, Bradford, Pa.
Coleman Oil Co., Bradford, Pa.
Coleman, Penny & Boyne, Bradford, Pa.
C. P. Collins, Bradford, Pa.
Columbia Oil Co., Pittsburg, Pa.
Wm. L. Curtis, Bradford, Pa.
Devonian Oil Co., Bradford, Pa.
A. J. Edgett, Bradford, Pa.
L. Emery, Jr., Bradford, Pa.
Emery Oil Co., Bradford, Pa.
J. E. Haskell, Bradford, Pa.
A. C. Hawkins, Bradford, Pa.
Hazlewood Oil Co., Pittsburg, Pa.
J. H. Healey, Bradford, Pa.
Jennings & Roth, Bradford, Pa.
J. T. Jones, Bradford, Pa.
W. C. Kennedy & Co., Bradford, Pa.
C. H. Lavens, Bradford, Pa.
L. E. Mallory, Bradford, Pa.
McCray Bros., Bradford, Pa.
McKinney Bros., Titusville, Pa.
George M. Potter, Bradford, Pa
Potts & Potter, Bradford, Pa.
Quintuple Oil Co., Bradford, Pa.
Rice Petroleum & Soap Co., Titusville, Pa.
T. P. Thompson, Bradford, Pa.
Tide Water Oil Co., 12 Broadway, New York.

2462. RAPE SEED OIL. Reed & Hewlett, 20 Platt St., New York.

2463. RESTORATIVE OIL. U. S. Gutta Percha Paint Co., Providence, R. I.

2464. ROPE OIL. Binghamton Oil Refining Co., Binghamton, N. Y.
Crew-Levick Co., 113 Arch St., Philadelphia, Pa.
Fiske Bros. Refining Co., 59 Water St., New York.
David J. Ogilvy, Cincinnati, O.
Standard Oil Co. of New York, 26 Broadway, New York.

2465. ROSIN OIL. S. P. Shotter Co., Savannah, Ga.

2466. RUBBING OIL. Freedom Oil Works Co., Freedom, Pa.
World Refining Co., Easton, Pa.

2467. SPERMACETI. W. A. Robinson & Co., New Bedford, Mass.

2468. SPERM OIL. American Oil Co., 180 S. Water St., Providence, R. I.
Arctic Oil Works, San Francisco, Cal.
Borne-Scrymser Co., 80 South St., New York.
Colgate & Co., 53 John St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Geo. Delano's Sons, New Bedford, Mass.
Josiah Macy's Sons, 191 Front St., New York.
Manhattan Oil Works, 51 Front St., New York.
Wm. F. Nye, New Bedford, Mass.
W. A. Robinson & Co., New Bedford, Mass.

2469. STEARINE. American Cotton Oil Co. of Ohio, Cincinnati, O.

Armour Packing Co., Kansas City, Mo.
Davis Oil Co., 95 9th St., New York.
Emery Candle Co., Cincinnati, O.
Manhattan Oil Co., 51 Front St., New York.
John J. Reardon & Sons, Boston, Mass.
T M. Sinclair & Co., Cedar Rapids, Iowa.
Union Oil Co., Providence, R I.

2470. TALLOW.

Abel & Co., 620 Cherry St., Macon, Ga.
Armour Packing Co., Kansas City, Mo.
Colgate & Co., 53 John St., New York.
Davis Oil Co., 95 9th St., New York.
N. K. Fairbank Co., 62 Wabash Av., Chicago, Ill.
G. H. Hammond Co., Hammond, Ind.
Manhattan Oil Co., 51 Front St., New York.
McMillan Fur & Wool Co., Minneapolis, Minn.
Carroll S. Page, Hyde Park, Vt.
J. Reardon & Sons, 24 Commerce St., Boston, Mass.
John P. Squire & Co., Inc., East Cambridge, Mass.
Swan & Finch Co., 151 Maiden Lane, New York.
Welch, Holme & Clark Co., 381 West St., New York.
White's Golden Lubricator Co., Cincinnati, O.

A. TALLOW OIL.

N. K. Fairbank Co., 277 Dearborn St., Chicago, Ill.
G. H. Hammond Co., Hammond, Ind.
A. G. Harbaugh Co., Cleveland, O.
Nelson Morris & Co., 147 S. Water St., Chicago, Ill.
W. & H. Walker, Pittsburg, Pa.
W. J. Wilcox Lard & Refining Co., 211 Prod. Exch., N. Y.
World Refining Co., Easton, Pa.

2471. WHALE OIL.

American Oil Co., 180 S. Water St., Providence, R. I.
Binghamton Oil Refining Co., Binghamton, N. Y.
Borne-Scrymser Co., 80 South St., New York.
Columbia Refining Co., 18 Broadway, New York.
Geo. Delano's Sons, New Bedford, Mass.
Manhattan Oil Co., 51 Front St., New York.
Wm. F. Nye, New Bedford, Mass.
W. A. Robinson & Co., New Bedford, Mass.

2472. WOOL OIL.

American Oil Co., Providence, R. I.
Crew-Levick Co., 113 Arch St., Philadelphia, Pa.
Eclipse Lubricating Oil Works, Franklin, Pa.
Fiske Bros. Refining Co., 59 Water St., New York.
Freedom Oil Works Co., Freedom, Pa.
E. F. Houghton & Co., 240 Somerset St., Philadelphia, Pa.
Standard Oil Co. of New York, 26 Broadway, New York.
D. A. Stuart & Co., Inc., 447 Illinois St., Chicago, Ill.
Tide Water Oil Co., 12 Broadway, New York.
Troy Belting & Supply Co., Troy, N. Y.
Troy Oil Works, Troy, N. Y.
World Refining Co., Easton, Pa.

XXIX. PAINTS AND COLORS.

2473. BLACKS.

Acme White Lead & Color Works, Detroit, Mich.
Central Commercial Co., 194 Randolph St., Chicago, Ill.
L. Martin & Co., 627 Bourse, Philadelphia, Pa.
C. K. Williams & Co., Easton, Pa.

A. BONE BLACK.

Binney & Smith, 257 Pearl St., New York.

B. CARBON BLACK.

Binney & Smith, 257 Pearl St., New York.
Peerless Carbon Black Co., Ltd., Pittsburg, Pa.

C. DROP BLACK.

Binney & Smith, 257 Pearl St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Felton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
Longman & Martinez, 207 Pearl St., New York.
Seaver & Co., 120 Milk St., Boston, Mass.
D. F. Tiemann & Co., 140 W. Broadway, New York.
C. A. Wooley Paint & Color Co., Jersey City, N. J.

D. GAS BLACK.

L. Martin & Co., 627 Bourse, Philadelphia, Pa.

E. IVORY BLACK.

Essex Paint Works, Essex, Conn.

Michigan Carbon Works, Detroit, Mich.
Seaver & Co., 120 Milk St., Boston, Mass.
D. F. Tiemann Co., 140 W. Broadway, New York.

F. LAMP BLACK.
Bihn & Co., Bridesburg, Pa.
Binney & Smith, 257 Pearl St., New York.
Samuel Cabot, 70 Kilby St., Boston, Mass.
Central Commercial Co., 194 Randolph St., Chicago, Ill.
Longman & Martinez, 207 Pearl St., New York.
L. Martin & Co., 627 Bourse, Philadelphia, Pa.
D. F. Tiemann, 140 W. Broadway, New York.
C. A. Wooley Paint & Color Co., Jersey City, N. J.

2474. BRONZE POWDER.
Gerstendorfer Bros., 17 Barclay St., New York.
A. A. Griffing Iron Co., 66 Centre St., New York.
Longman & Martinez, 207 Pearl St., New York.
Sigmund Ullman Co., 446 E. 146th St., New York.

2475. BRONZE POWDER LIQUID.
A. A. Griffing Iron Co., 66 Centre St., New York.
F. O. Pierce Co., 170 Fulton St., New York.

2476. COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Adams Etting Co., 278 E. Madison St., Chicago, Ill.
Binney & Smith, 257 Pearl St., New York.
Hammond's Paint & Slug Shot Wks., Fishkill-on-Hudson, N.Y.
John T. Lewis & Bros. Co., 231 S. Front St., Phila., Pa.
Wm. J. Matheson & Co., Ltd., 182 Front St., New York.
Schoellkopf Aniline & Chemical Co., Buffalo, N. Y.
George D. Wetherell & Co., 56 N. Front St., Phila., Pa.

A. AGRICULTURAL COLORS.
Adler Color & Chemical Works, 197 Pearl St., New York.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
A. B. Ansbacher & Co., New York.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., New York.
Eagle White Lead Co., Cincinnati, O.
John Lucas & Co., 141 N. 4th St., Philadelphia, Pa.
Rubber Paint Co., 30 Boston Av., Chicago, Ill.
D. F. Tiemann & Co., 140 W. Broadway, New York.

B. ANILINE COLORS.
Schoellkopf Aniline & Chemical Co., Buffalo, N. Y.

C. ARTISTS' DRY COLORS.
Adler Color & Chemical Works, 197 Pearl St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
John Lucas & Co., N. 4th & Race Sts., Philadelphia, Pa.
J. Marsching & Co., 27 Park Place, New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Valentine & Co., 57 Broadway, New York.

D. ARTISTS' TUBE COLORS.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Chas. Moser Co., Cincinnati, O.
A. Sartorius & Co., 46 W. Broadway, New York.
E. Smith & Co., 45 Broadway, New York.
Wadsworth-Howland Co., Boston, Mass.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

E. BRICK COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.

F. CAR & COACH COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Billings, Taylor & Co., Cleveland, O.
Chicago Wood Finishing Co., 259 Elston St., Chicago, Ill.
Detroit White Lead Works, 101 Jones St., Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
Fenton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
W. P. Fuller & Co., Pine & Front Sts., San Francisco, Cal.
Gerstendorfer Bros., 17 Barclay St., New York.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
B. L. James Mercantile & Mfg. Co., Denver, Col.
H. W. Johns Mfg. Co., 100 William St., New York.
W. W. Lawrence & Co., Inc., Pittsburg, Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Chas. Moser Co., 213 Main St., Cincinnati, O.
F. O. Pierce Co., 170 Fulton St., New York.
Peninsular Lead & Color Works, Ltd., Detroit, Mich.
Rubber Paint Co., 63 Boston Av., Chicago, Ill.
Sherwin-Williams Co., Cleveland, O.

E. Smith Co., 45 Broadway, New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Valentine & Co., 57 Broadway, New York.
Wadsworth-Howland Co., Boston, Mass.
A. Wilhelm Co., Reading, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

G. CERAMIC COLORS.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Roessler & Hasslacher Chem. Co., 100 William St., N. Y.
A. Sartorius & Co., 46 W. Broadway, New York.

H. CHROMO-PHOTOGRAPH COLORS.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Peninsular Lead & Color Works, Detroit, Mich.

I. DECORATORS' COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Adler Color & Chemical Wks., 100 William St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Harrison Bros. & Co., S. 35th & Gray's Ferry Av., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
F. O. Pierce Co., 170 Fulton St., New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
U. S. Gutta Percha Paint Co., Providence, R. I.

J. DISTEMPER COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Adler Color & Chemical Wks., 100 William St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Harrison Bros. & Co., S. 35th & Gray's Ferry Av., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
F. O. Pierce Co., 170 Fulton St., New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Valentine & Co., 57 Broadway, New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

K. DRY COLORS.
Acme White Lead & Color Co., Detroit, Mich.
Adler Color & Chemical Wks., 100 William St., New York.
Alabastine Co., Grand Rapids, Mich.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
American Bronze Powder Mfg. Co., 132 Church St., N. Y.
Ault & Wiborg Co., Cincinnati, O.
Billings, Taylor & Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eagle White Lead Co., Cincinnati, O.
Essex Paint Works, Essex, Conn.
Ferric Chemical & Color Works, Worcester, Mass.
Harrison Bros. & Co., Inc., S. 35th & Gray's Ferry Av., Phila., Pa.
Iron Clad Paint Co., Cleveland, O.
Chas. Eneu Johnson & Co., 509 S. 10th St., Philadelphia, Pa.
Fred. L. Lavanburg, 165 William St., New York.
Longman & Martinez, 207 Fulton St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Geo. S. Mepham & Klein, St. Louis, Mo.
Mound City Paint & Color Co., St. Louis, Mo.
Peninsular Lead & Color Works, Ltd., Detroit, Mich.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Toch Bros., 468 W. Broadway, New York.
Sigmund Ullman Co., 446 E. 146th St., New York.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

L. FAT COLORS.
Schoellkopf Aniline & Chemical Co., Buffalo, N. Y.

M. FLITTERS.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.

N. FRESCO COLORS.
Acme White Lead & Color Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
H. M. Johnston, 82 Washington Av., Brooklyn, N. Y.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Muralo Co., New Brighton, N. Y.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
D. F. Tiemann & Co., 140 W. Broadway, New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

O. GRAINING COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
B. L. James Mercantile Mfg. Co., Denver, Col.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
F. O. Pierce Co., 170 Fulton St., New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Valentine & Co., 57 Broadway, New York.

A. Wilhelm Co., Reading, Pa.
C. A. Woolsey's Paint Co., Jersey City, N. J.

P. HAM CANVAS COLORS.
Adler Color & Chemical Wks., 100 William St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eagle White Lead Co., 20 Spring St., Cincinnati, O.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Chas. Moser Co., 213 Main St., Cincinnati, O.
D. F. Tiemann & Co., 140 W. Broadway, New York.

Q. INCANDESCENT LAMP COLORING.
Webster Chemical Co., St. Paul, Minn.

R. JAPAN COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Chilton Mfg. Co., 69 Cortlandt St., New York.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
W. P. Fuller & Co., Pine & Front Sts., San Francisco, Cal.
Hampton Paint & Chemical Co., Springfield, Mass.
H. W. Johns Mfg. Co., 100 William St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Mound City Paint & Color Co., St. Louis, Mo.
Rubber Paint Co., 36 Boston Av., Chicago. Ill.
D. F. Tiemann & Co., 140 W. Broadway, New York.
C. A. Woolsey Color & Paint Works, Jersey City, N. J.

S. MARBLEIZERS' COLORS
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
D. F. Tiemann & Co., 140 W. Broadway, New York.

T. MOIST WATER COLORS.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Rubber Paint Co., Chicago, Ill.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Valentine & Co., 57 Broadway, New York.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

U. MORTAR COLORS.
Samuel Cabot, 79 Kilby St., Boston, Mass.
Clinton Metallic Paint Co., Clinton, N. Y.
S. H. French Co., 4th & Callowhill Sts., Philadelphia, Pa.
Geo. S. Mepham & Klein, St. Louis, Mo.
Toch Bros., 468 W. Broadway, New York.
Calvin Tompkins, 120 Liberty St., New York.
C. K. Williams & Co., Easton, Pa.

V. NAPLES YELLOW.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

W. OIL COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Adler Color & Chemical Wks., 100 William St., New York.
Alstori Mfg. Co., 170 Randolph St., Chicago, Ill.
John Babcock & Co., Boston, Mass.
Charles M. Childs & Co., 225 Pearl St., New York.
Chilton Mfg. Co., 69 Cortlandt St., New York.
Clinton & Co., 211 S. Clinton St., Philadelphia, Pa.
Coit & Co., 33 W. Washington St., Chicago, Ill.
Detroit White Lead & Color Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
W. P. Fuller & Co., Pine & Front Sts., San Francisco, Cal.
Hampden Paint & Chemical Co., Springfield, Mass.
Heath & Milligan Mfg. Co., 179 Randolph St., Chicago, Ill.
B. L. James Mercantile & Mfg. Co., Denver, Col.
H. W. Johns Mfg. Co., 100 William St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Charles Moser Co., 213 Main St., Cincinnati, O.
Mound City Paint & Color Co., St. Louis, Mo.
National Paint Works, Williamsport, Pa.
Rubber Paint Co., Chicago, Ill.
Senour Mfg. Co., 2520 Quarry St., Chicago, Ill.
Sherwin-Williams Co., Cleveland, O.
D. F. Tiemann & Co., 140 W. Broadway, New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
Wadsworth, Howland Co., Boston, Mass.
A. Wilhelm Co., Reading, Pa.
C. A. Woolsey Paint Co., Jersey City, N. J.

X. PAPER MAKERS' COLORS.
Adler Color & Chemical Wks., 100 William St., New York.
Hampden Paint & Chemical Co., Springfield, Mass.
A. Klipstein & Co., 122 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.

Rubber Paint Co., 36 Boston Av., Chicago, Ill.
D. F. Tiemann Co., 140 W. Broadway, New York.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Color Works, Jersey City, N. J.

Y. PASTEL COLORS.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

Z. PULP COLORS.
Adler Color & Chemical Wks., 100 William St., New York.
A. B. Ansbacher & Co., 4 Murray St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Fred. L. Lavanburg, 165 William St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Mahlon L. Savage, Frankford, Philadelphia, Pa.
D. F. Tiemann, 140 W. Broadway, N. Y.

AA. SCENE PAINTERS' DRY COLORS.
Adler Color & Chemical Wks., 100 William St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Valentine & Co., 57 Broadway, New York.

BB. STRIPING COLORS.
Acme White Lead & Color Works, Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
W. W. Lawrence & Co., Pittsburg, Pa.

CC. WAX FLOWER COLORS.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Valentine & Co., 57 Broadway, New York.

2477. DRY ENAMEL.
Herman J. Schmidt, Detroit, Mich.

2478. KALSOMINE.
Coit & Co., 33 W. Washington St., Chicago, Ill.
Edson, Starks & Co., Saxtons River, Vt.
S. H. French & Co., 4th & Callowhill Sts., Philadelphia, Pa.
H. M. Johnston, 82 Washington Av., Brooklyn, N. Y.
Longman & Martinez, 207 Pearl St., New York.
Mound City Paint & Color Co., St. Louis, Mo.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Daniel F. Tiemann & Co., 140 W. Broadway, New York.
Tileite Paint Mfg. Co., 56 N. 2d St., Philadelphia, Pa.
Valentine & Co., 57 Broadway, New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

2479. LEADS.

A. COACH MAKERS' LEAD.
National Lead & Oil Co. of Pa., Pittsburg, Pa.

B. GLASS MAKERS' LEAD.
National Lead & Oil Co. of Pa., Pittsburg, Pa.
National Lead Co., 100 William St., New York.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

C. LITHARGE.
Boston Lead Mfg. Co., Boston, Mass.
Carter White Lead Co., 84 Vanburen St., Chicago, Ill.
Chadwick Lead Works, Boston, Mass.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eagle White Lead Co., 26 Spring St., Cincinnati, O.
W. P. Fuller & Co., San Francisco, Cal.
Harrison Bros. & Co., S. 35th & Gray's Ferry Av., Phila., Pa.
John T. Lewis & Bros., 231 S. Front St., Philadelphia, Pa.
Longman & Martinez, 207 Pearl St., New York.
J. H. Morley Lead Works, Cleveland, O.
National Lead & Oil Co. of Pa., Pittsburg, Pa.
National Lead Co., 100 William St., New York.
T. H. Nevin Co., Pittsburg, Pa.
Pueblo Smelting & Refining Co., Pueblo, Col.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Sterling White Lead Co., Pittsburg, Pa.
Valentine & Co., 57 Broadway, New York.
Wetherill & Bro. White Lead Wks., 30th & Chestnut, Phila., Pa.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.
A. Wilhelm & Co., Reading, Pa.

D. RED LEAD.
Boston Lead Mfg. Co., Boston, Mass.
Carter White Lead Co., Omaha, Neb.
Chadwick Lead Works, Boston, Mass.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eagle White Lead Co., Cincinnati, O.
W. P. Fuller & Co., San Francisco, Cal.
Harrison Bros. & Co., S. 35th & Gray's Ferry Av., Phila., Pa.
John T. Lewis & Bros. Co., 231 S. Front St., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
J. H. Morley Lead Works, Cleveland, O.
National Lead & Oil Co. of Pa., Pittsburg, Pa.
National Lead Co., 100 William St., New York.
National Paint Works, Williamsport, Pa.
T. H. Nevin Co., Pittsburg, Pa.

Picher Lead Co., Joplin, Mo.
Sterling White Lead Co., Pittsburg, Pa.
M. B. Suydam & Co., Allegheny, Pa.
Wetherill & Bro., 30th & Chestnut Sts., Philadelphia, Pa.
A. Wilhelm & Co., Reading, Pa.

E. TINTED LEAD.
Acme White Lead & Color Works, Detroit, Mich.
Alston Mfg. Co., 170 Randolph St., Chicago, Ill.
Boston Lead Mfg. Co., Boston, Mass.
Carter White Lead Co., Omaha, Neb.
Chadwick Lead Works, Boston, Mass.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Harrison Bros. & Co., Inc., S. 35th & Gray's Ferry Av., Phila., Pa.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
B. L. James Mercantile & Mfg. Co., Denver, Col.
Lincoln Paint & Color Co., Lincoln, Neb.
T. H. Nevin Co., Pittsburg, Pa.
Pacific Oil & Lead Works, San Francisco, Cal.
Peninsular Lead & Color Works, Ltd., Detroit. Mich.
Pennsylvania White Lead Co., Pittsburg, Pa.
Seymour Mfg. Co., 2520 Quarry St., Chicago, Ill.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.
A. Wilhelm & Co., Reading, Pa.

F. VARNISH MAKERS' LEAD.
National Lead & Oil Co. of Pa., Pittsburg, Pa.

G. WHITE LEAD.
Acme White Lead & Color Works, Detroit, Mich.
American White Lead Co., Louisville, Ky.
Armstrong-McKelvey Lead & Oil Co., Pittsburg, Pa.
Carter White Lead Co., 84 Vanburen St., Chicago, Ill.
Chadwick Lead Works, Boston, Mass.
Cornell Lead Co., Buffalo, N. Y.
Detroit White Lead Works, Detroit, Mich.
Samuel H. French & Co., 4th & Callowhill Sts., Phila., Pa.
W. P. Fuller & Co., San Francisco, Cal.
F. Hammar Paint Co., St. Louis, Mo.
Hammond's Paint, Slug&ShotWks., Fishkill-on-Hudson, N.Y.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Kellogg & McDougall, Buffalo, N. Y.
Kentucky Lead & Oil Co., Louisville, Ky.
John T. Lewis & Bro., 231 Front St., Philadelphia, Pa.
Maryland White Lead Co., Baltimore, Md.
Wm. J. Matheson & Co., Ltd., 182 Front St., New York.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
J. H. Morley Lead Works, Cleveland, O.
Charles Moser Co., 213 Main St., Cincinnati, O.
Mound City Paint & Color Co., St. Louis, Mo.
National Lead & Oil Co. of Pa., Pittsburg, Pa.
National Lead Co., 100 William St., New York.
Picher Lead Co., Joplin, Mo.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.
Sterling White Lead Co., Pittsburg, Pa.
U. S. Gutta Percha Paint Co., Providence, R. I.
Wetherill & Bro. White Lead Wks., 30th & Chestnut, Phila., Pa.
Geo. D. Wetherill & Co., 56 N. Front St., Philadelphia, Pa.
White Lead Co., Buffalo, N. Y.

2480. LEAF METAL.

A. ALUMINUM LEAF.
W. H. Coe Mfg. Co., Providence, R. I.

B. COMPOSITION LEAF.
W. H. Coe Mfg. Co., Providence, R. I.
John Conley & Son, 2-4 Dominick St., New York.

C. GOLD LEAF.
Henry Auer, 1046 Ridge Av., Philadelphia, Pa.
Hastings & Co., 819 Filbert St., Philadelphia, Pa.
W. H. Kemp Co., 178 Hudson St., New York.
Henry Nelms & Son, 48 N. 7th St., Philadelphia, Pa.
John M. Ney & Co., Hartford, Conn.
Schultz & Co., 25 St. Mark's Place, New York.
Valleau Mfg. Co., 506 Broome St., New York.

D. SILVER LEAF.
W. H. Coe Mfg. Co., Providence, R. I.
Schultz & Co., 25 St. Mark's Place, New York.

2481. OCHRE.

Acme White Lead & Color Works, Detroit, Mich.
Enos Adams Co., Bennington, Vt.
Bermuda Ochre Co., Bermuda Hundred, Va.
Cherokee Ochre & Barytes Co., Atlanta, Ga.
Detroit White Lead Works, Detroit, Mich.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Geo. S. Mepham & Klein, St. Louis, Mo.

D. F. Tiemann & Co., 140 W. Broadway, New York.
A. Wilhelm Co., Reading, Pa.
C. K. Williams & Co., Easton, Pa.

2482. ORANGE MINERAL.

F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eagle White Lead Co., Cincinnati, O.
John T. Lewis & Bros. Co., 231 S. Front St., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
National Lead & Oil Co. of Pa., Pittsburg, Pa.
National Lead Co., 100 William St., New York.
Picher Lead Co., Joplin, Mo.
Sterling White Lead Co., Pittsburg, Pa.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Wetherill & Bro., S. 30th & Chestnut Sts., Philadelphia, Pa.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

2483. PAINTS.

Acme White Lead & Color Works, Detroit, Mich.
Lewis U. Bean & Co., 922 Cherry St., Philadelphia, Pa.
Billings, Taylor & Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
Samuel H. French & Co., 4th & Callowhill Sts., Phila., Pa.
F. Hammar Paint Co., St. Louis, Mo.
John T. Lewis & Bros. Co., 231 S. Front St., Phila., Pa.
Long Island Paint & Color Works, 26 Broadway, New York.
Massachusetts Chemical Co., Boston, Mass.
Muralo Co., New Brighton, N. Y.
National Paint Works, Williamsport, Pa.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.
Prince Mfg. Co., 71 Maiden Lane, New York.
Reno Bros., Pulaski, Pa.
Sherwin-Williams Co., Cleveland, O.
Starks, Edson & Co., Saxtons River, Vt.
Toch Bros., 468 W. Broadway, New York.

A. ACID PROOF PAINT.

George D. Wetherell & Co., 56 N. Front St., Phila., Pa.
Bridgeport Wood Finishing Co., New Milford, Conn.
H. W. Johns Mfg. Co., 100 William St., New York.
Standard Paint Co., 81 John St., New York.

B. ASPHALTUM PAINT.

Acme White Lead & Color Works, Detroit, Mich.
Long Island Paint & Color Wks., 26 Broadway, New York.
McClintock & Irvine, Allegheny, Pa.

C. BARN PAINT.

Detroit White Lead Works, Detroit, Mich.
W. W. Lawrence & Co., Pittsburg, Pa.
Mound City Paint & Color Co., St. Louis, Mo.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.
Prince Mfg. Co., 71 Maiden Lane, New York.

D. BARREL PAINT.

Detroit White Lead Works, Detroit, Mich.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Heller & Merz Co., 55 Maiden Lane, New York.
Long Island Paint & Color Wks., 26 Broadway, New York.
John Lucas & Co., 4th & Race Sts., Philadelphia. Pa.
Rubber Paint Co., 90 Nassau St., New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

E. BLACKBOARD PAINT.

Bridgeport Wood Finishing Co., New Milford, Conn.
Detroit White Lead Works, Detroit, Mich.

F. BRICK PAINT.

John Lucas & Co., Gibbsboro, N. J.

G. BRIDGE PAINT.

Allentown Mfg. Co., Allentown, Pa.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
Chilton Mfg. Co., 69 Cortlandt St., New York.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Prince Mfg. Co., 71 Maiden Lane, New York.
Rubber Paint Co., 90 Nassau St., New York.
Standard Paint Co., 81 John St., New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
A. Wilhelm Co., Reading, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

H. BRONZE PAINT.

F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Fuchs & Lang Mfg. Co., 29 Warren St., New York.
Gerstendorfer Bros., 17 Barclay St., New York.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
W. H. Kemp Co., 178 Hudson St., New York.
Wm. T. Lindeman & Co., 1400 Frankford Av., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.

Henry Nelms & Son, 46 N. 7th St., Philadelphia, Pa.
Arthur W. Pope Co., 339 Broadway, New York.
Roessler & Hasslacher Chem. Co., 100 William St., N. Y.
A. Sartorius & Co., 46 W. Broadway, New York.
Standard Paint Co., 81 John St., New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

I. CARRIAGE PAINT.
Acme White Lead & Color Works, Detroit, Mich.
Allentown Mfg. Co., Allentown, Pa.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
Billings, Taylor & Co., Cleveland, O.
Coit & Co., 33 W. Washington St., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
W. W. Lawrence & Co., Pittsburg, Pa.
Hallack Paint, Oil & Glass Co., Denver, Col.
B. L. James Mercantile & Mfg. Co., Denver, Col.
Lincoln Paint & Color Co., Lincoln, Neb.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Chas. Moser Co., Cincinnati, O.
F. O. Pierce Co., 170 Fulton St., New York.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.
Rubber Paint Co., 90 Nassau St., New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

J. COLD WATER PAINT.
Geo. S. Adams, 100 William St., New York.
Muralo Co., New Brighton, N. Y.
Starks, Edson & Co., Saxtons River, Vt.

K. COPPER PAINT.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Harrison Bros. & Co., Inc., S. 35th & Gray's Ferry Av., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Benjamin Moore Co., 262 Water St., Brooklyn, N. Y.
New Jersey Paint Works, Jersey City, N. J.
F. O. Pierce Co., 170 Fulton St., New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Tarr & Wonson, Ltd., Gloucester, Mass.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

L. CREOSOTE PAINT.
H. F. Watson Co., Erie, Pa.

M. DIPPING PAINT.
Detroit White Lead Works, Detroit, Mich.
Mound City Paint & Color Co., St. Louis, Mo.
National Paint Works, Williamsport, Pa.

N. ELASTIC PAINT.
National Cement & Rubber Mfg. Co., Toledo, O.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Standard Paint Co., 81 John St., New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

O. ENAMEL PAINT.
Acme White Lead & Color Works, Detroit, Mich.
Adams Etting Co., 278 E. Madison St., Chicago, Ill.
Alston Mfg. Co., 177 Randolph St., Chicago, Ill.
Lewis U. Bean & Co., 922 Cherry St., Philadelphia, Pa.
Billings, Taylor & Co., Cleveland, O.
Bridgeport Wood Finishing Co., New Milford, Conn.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Gerstendorfer Bros., 17 Barclay St., New York.
Glidden Varnish Co., Cleveland, O.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Charles Moser Co., Cincinnati, O.
F. O. Pierce Co., 170 Fulton St., New York.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.
Rinald Bros., 30 N. 6th St., Philadelphia, Pa.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Standard Varnish Works, 29 Broadway, New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

P. FIRE PROOF PAINT.
Allentown Mfg. Co., Allentown, Pa.
Chicago Fire Proof Covering Co., 48 Franklin St., Chic., Ill.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Jaemison Fire-Resisting Paint Co., 62 William St., N. Y.
H. W. Johns Mfg. Co., 100 William St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Starks, Edson & Co., Saxtons River, Vt.
H. F. Watson Co., Erie, Pa.

C. K. Williams & Co., Easton, Pa.

Q. FLOOR PAINT.
Acme White Lead & Color Works, Detroit, Mich.
Allentown Mfg. Co., Allentown, Pa.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
Bridgeport Wood Finishing Co., New Milford, Conn.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
W. P. Fuller & Co., San Francisco, Cal.
Hallack Paint, Oil & Glass Co., Denver, Col.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Charles Moser Co., Cincinnati, O.
Mound City Paint & Color Co., St. Louis, Mo.
F. O. Pierce Co., 170 Fulton St., New York.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Senour Mfg. Co., 2520 Quarry St., Chicago, Ill.
Wadsworth, Howland Co., Boston, Mass.
A. Wilhelm Co., Reading, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

R. GAS HOLDER PAINT.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
National Paint Works, Williamsport, Pa.
Prince Mfg. Co., 71 Maiden Lane, New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Standard Paint Co., 81 John St., New York.
Valentine & Co., 57 Broadway, New York.

S. GOLD PAINT.
Gerstendorfer Bros., 17 Barclay St., New York.
A. Sartorius & Co., 46 W. Broadway, New York.

T. GRAPHITE PAINT.
Acme White Lead & Color Works, Detroit, Mich.
Billings, Taylor & Co., Cleveland, O.
Cleveland Iron Ore Paint Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
Franklin Co., Bound Brook, N. J.
Ilsley, Doubleday & Co., 229 Front St., New York.
Long Island Paint & Color Wks., 26 Broadway, New York.

U. INSULATING PAINT.
Bradford Belting Co., Cincinnati, O.
Massachusetts Chemical Co., Boston, Mass.

V. IRON PAINT.
Allentown Mfg. Co., Allentown, Pa.
Atlas Paint Co., Ltd., Pittsburg, Pa.
Chattanooga Paint Co., Chattanooga, Tenn.
Cleveland Iron Ore Paint Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Joseph Dixon Crucible Co., Jersey City, N. J.
A. B. Hazzard, 615 N. 2d St., St. Louis, Mo.
Ilsley, Doubleday & Co., 229 Front St., New York.
Iron Clad Paint Co., Cleveland, O.
H. W. Johns Mfg. Co., 100 William St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
McClintock & Irvine, Allegheny, Pa.
R. McWilliams, Ltd., New Orleans, La.
T. H. Nevin Co., Pittsburg, Pa.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo
Prince Mfg. Co., 71 Maiden Lane, New York.
Rinald Bros., 30 N. 6th St., Philadelphia, Pa.
E. Smith & Co., 45 Broadway, New York.
Standard Paint Co., 81 John St., New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Wheeling Corrugating Co., 81 Fulton St., New York.
A. Wilhelm Co., Reading, Pa.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

W. IRON ROOF PAINT.
Allentown Mfg. Co., Allentown, Pa.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Ilsley, Doubleday & Co., 229 Front St., New York.
R. McWilliams, Ltd., New Orleans, La.
Prince Mfg. Co., 71 Maiden Lane, New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Standard Paint Co., 81 John St., New York.
A. Wilhelm Co., Reading, Pa.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

X. LIQUID PAINT.
Acme White Lead & Color Works, Detroit, Mich.

Allentown Mfg. Co., Allentown, Pa.
Chilton Mfg. Co., 69 Cortlandt St., New York.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
H. W. Johns Mfg. Co., 100 William St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Mound City Paint & Color Co., St. Louis, Mo.
T. H. Nevin Co., Pittsburg, Pa.
F. O. Pierce Co., 170 Fulton St., New York.
Arthur W. Pope Co., 339 Broadway, New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Standard Paint Co., 81 John St., New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
A. Wilhelm Co., Reading, Pa.

Y. LUSTRE PAINT.

F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Valentine & Co., 57 Broadway, New York.
E. A. Woolsey Paint & Color Co., Jersey City, N. J.

Z. METALLIC PAINT.

Acme White Lead & Color Works, Detroit, Mich.
Allentown Mfg. Co., Allentown, Pa.
Atlas Paint Co., Ltd., Pittsburg, Pa.
Clinton Metallic Paint Co., Clinton, N. Y.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Garry Iron & Steel Roofing Co., Cleveland, O.
Hallack Paint, Oil & Glass Co., Denver, Col.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Iron Clad Paint Co., Cleveland, O.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Arthur W. Pope Co., 339 Broadway, New York.
Prime's Metallic Paint Co., 77 Maiden Lane, New York.
Prince Mfg. Co., 71 Maiden Lane, New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
D. F. Tiemann & Co., 140 W. Broadway, New York.
H. F. Watson Co., Erie, Pa.
A. Wilhelm Co., Reading, Pa.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

AA. MIXED PAINT.

Allentown Mfg. Co., Allentown, Pa.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
Lewis U. Bean & Co., 922 Cherry St., Philadelphia, Pa.
Billings, Taylor & Co., Cleveland, O.
Bridgeport Wood Finishing Co., New Milford, Conn.
Burgess, Fobes & Co., Portland, Me.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eagle White Lead Co., Cincinnati, O.
Felton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
Franklin Co., Bound Brook, N. J.
Samuel H. French & Co., 4th & Callowhill Sts., Phila., Pa.
W. P. Fuller & Co., San Francisco, Cal.
Hallack Paint, Oil & Glass Co., Denver, Col.
F. Hammar Paint Co., St. Louis, Mo.
Hampden Paint & Chemical Co., Springfield, Mass.
Harrison Bros. & Co., Inc., S. 35th & Gray's Ferry Av., Phila., Pa.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Heller & Merz Co., 55 Maiden Lane, New York.
Chas. H. Howell & Co., 212 Race St., Philadelphia, Pa.
Iron Clad Paint Co., Cleveland, O.
B. L. James Mercantile & Mfg. Co., Denver, Col.
H. W. Johns Mfg. Co., 100 William St., New York.
W. W. Lawrence & Co., Pittsburg, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Wm. T. Lindeman & Co., 1400 Frankford Av., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Charles Moser Co., 213 Main St., Cincinnati, O.
Mound City Paint & Color Co., St. Louis, Mo.

National Paint Works, Williamsport, Pa.
T. H. Nevin Co., Pittsburg, Pa.
Peninsular Lead & Color Works, Ltd., Detroit, Mich.
F. O. Pierce Co., 170 Fulton St., New York.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.
St. Paul White Lead & Oil Co., St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Robert Shoemaker & Co., 201 N. 4th St., Philadelphia, Pa.
Standard Paint Co., 81 John St., New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Toch Bros., 468 W. Broadway, New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
Wadsworth, Howland Co., Boston, Mass.
Walker Lead Co., 152 Court St., Cincinnati, O.
A. Wilhelm Co., Reading, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

BB. PASTE FORM PAINT.
Allentown Mfg. Co., Allentown, Pa.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Iron Clad Paint Co., Cleveland, O.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
D. F. Tiemann & Co., 140 W. Broadway, New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
A. Wilhelm Co., Reading, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

CC. PRESERVATIVE PAINT.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
National Paint Works, Williamsport, Pa.
Standard Paint Co., 81 John St., New York.
U. S. Gutta Percha Paint Co., Providence, R. I.

DD. RAILROAD PAINT.
Allentown Mfg. Co., Allentown, Pa.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
H. W. Johns Mfg. Co., 100 William St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Charles Moser Co., Cincinnati, O.
Mound City Paint & Color Co., St. Louis, Mo.
Prince Mfg. Co., 71 Maiden Lane, New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
D. F. Tiemann & Co., 140 W. Broadway, New York.
A. Wilhelm Co., Reading, Pa.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

EE. ROOF PAINT.
Acme White Lead & Color Works, Detroit, Mich.
Allentown Mfg. Co., Allentown, Pa.
Armitage Mfg. Co., Richmond, Va.
Atlas Paint Co., Ltd., Pittsburg, Pa.
Chilton Mfg. Co., 69 Cortlandt St., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Jos. Dixon Crucible Co., Jersey City, N. J.
Hallack Paint, Oil & Glass Co., Denver, Col.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
Ilsley, Doubleday & Co., 229 Front St., New York.
Kansas City Roof & Corrugating Co., Kansas City, Mo.
W. W. Lawrence & Co., Pittsburg, Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Prince Mfg. Co., 71 Maiden Lane, New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Standard Paint Co., 81 John St., New York.
U. S. Gutta Percha Paint Co., Providence, R. I.
Wadsworth, Howland Co., Boston, Mass.
Wheeling Corrugating Co., Wheeling, W. Va.
A. Wilhelm Co., Reading, Pa.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

FF. SHIP PAINT.
Acme White Lead & Color Works, Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.

Essex Paint Works, Essex, Conn.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
F. O. Pierce Co., 170 Fulton St., New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Tarr & Wonson, Ltd., Gloucester, Mass.
D. F. Tiemann & Co., 140 W. Broadway, New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

GG. SILICATE PAINT.
Bridgeport Wood Finishing Co., New Milford, Conn.

HH. SLATE PAINT.
Detroit White Lead Works, Detroit, Mich.
C. K. Williams & Co., Easton, Pa.

II. TRANSPARENT PAINT.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Valentine & Co., 57 Broadway, New York.

2484. PARIS WHITE.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
H. F. Taintor Mfg. Co., 101 Beekman St., New York.

2485. PLASTER FINISH.
Anti-Kalsomine Co., Grand Rapids, Mich.

2486. PRESERVATIVE COATING.
Lewis U. Bean & Co., 922 Cherry St., Philadelphia, Pa.
Chicago Tie Preserving Co., 94th St., Chicago, Ill.
Lehigh Valley Creosoting Co., Perth Amboy, N. J.
Preservaline Mfg. Co., 12 Cedar St., New York.
J. E. Rhoads & Son, 239 Market St., Philadelphia, Pa.
Edward Smith & Co., 45 Broadway, New York.
Standard Paint Co., 81 John St., New York.
Summerville Fernoline Works, Summerville, S. C.

2487. PRIMERS.
Detroit White Lead Works, Detroit, Mich.
Platt & Thornburgh Paint & Glass Co., St. Louis, Mo.

2488. PUTTY.
Acme White Lead & Color Works, Detroit, Mich.
Allentown Mfg. Co., Allentown, Pa.
E. S. Belknap Mfg. Co., 8 Gold St., New York.
Chicago, White Lead & Oil Co., N. Greene St., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Dicks & Wiggin, Dayton, O.
Felton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
Samuel H. French & Co., 4th & Callowhill Sts., Phila., Pa.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
C. H. Howell & Co., 212 Race St., Philadelphia, Pa.
B. L. James Mercantile & Mfg. Co., Denver, Col.
W. W. Lawrence & Co., Inc., Pittsburg, Pa.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
S. Obermayer Co., Cincinnati, O.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
St. Paul White Lead & Oil Co., St. Paul, Minn.
D. F. Tiemann & Co., 140 W. Broadway, New York.
A. Wilhelm Co., Reading, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

A. PUTTY POWDER.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

B. STOVE PUTTY.
Joseph Dixon Crucible Co., Jersey City, N. J.
S. Obermayer Co., Cincinnati, O.
J. D. Smith Foundry Supply Co., Cincinnati, O.

2489. RED OXIDE.
Chattanooga Paint Co., Chattanooga, Tenn.
Clinton Metallic Paint Co., Clinton, N. Y.
Ferric Chemical & Color Co., Worcester, Mass.
Iron Clad Paint Co., Cleveland, O.
H. W. Johns Mfg. Co., 100 William St., New York.
National Paint Works, Williamsport, Pa.
Prince Mfg. Co., 71 Maiden Lane, New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
C. K. Williams & Co., Easton, Pa.

2490. ROUGH STUFF.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
F. O. Pierce Co., 170 Fulton St., New York.
Valentine & Co., 57 Broadway, New York.

2491. SIENNA.
Geo. S. Mepham & Klein, St. Louis, Mo.
C. K. Williams & Co., Easton, Pa.

2492. SMALTS.
Central Commercial Co., 194 Randolph St., Chicago, Ill.
Longman & Martinez, 207 Pearl St., New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

2493. STAINS.
Acme White Lead & Color Works, Detroit, Mich.
Adams Etting Co., 278 E. Madison St., Chicago, Ill.
Alston Mfg. Co., 177 Randolph St., Chicago, Ill.
Billings, Taylor & Co., Cleveland, O.

Detroit White Lead Works, Detroit, Mich.
W. W. Lawrence & Co., Pittsburg, Pa.
R. McWilliams, Ltd., New Orleans, La.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.

A. CREOSOTE STAIN.
Samuel Cabot, Boston, Mass.

B. PINK STAIN.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

C. VARNISH STAIN.
Billings, Taylor & Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
Gerstendorfer Bros., 17 Barclay St., New York.
W. W. Lawrence & Co., Pittsburg, Pa.
R. McWilliams, Ltd., New Orleans, La.
Mound City Paint & Color Co., St. Louis, Mo.
F. O. Pierce Co., 170 Fulton St., New York.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
U. S. Gutta Percha Paint Co., Providence, R. I.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

D. WATER STAIN.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

E. WOOD STAIN.
Acme White Lead & Color Works, Detroit, Mich.
Adams Etting Co., 278 E. Madison St., Chicago, Ill.
Am. Pat. Portable House Mfg. Co., Corono, N. Y.
Billings, Taylor & Co., Cleveland, O.
Bridgeport Wood Finishing Co., New Milford, Conn.
Chicago Wood Finishing Co., 259 Elston Av., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Hallack Paint, Oil & Glass Co., Denver, Col.
H. W. Johns Mfg. Co., 100 William St., New York.
Wm. T. Lindeman & Co., 1400 Frankford Av., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Mound City Paint & Color Co., St. Louis, Mo.
F. O. Pierce Co., 170 Fulton St., New York.
Pratt & Lambert, Inc., 100 William St., New York.
Summerville Fernoline Works, Summerville, S. C.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.
W. Zinsser & Co., 197 William St., New York.

2494. ULTRAMARINE.
A. B. Ansbacher & Co., 4 Murray St., New York.
Heller & Merz Co., 55 Maiden Lane, New York.
International Ultramarine Wks., Ltd., 71 Maiden Lane, N. Y.
D. F. Tiemann & Co., 140 W. Broadway, New York.

2495. UMBER.
Geo. S. Mepham & Klein, St. Louis, Mo.

2496. VENETIAN RED.
Acme White Lead & Color Works, Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
Ferric Chemical & Color Co., Worcester, Mass.
Longman & Martinez, 207 Pearl St., New York.
Geo. S. Mepham & Klein, St. Louis, Mo.
D. F. Tiemann & Co., 140 W. Broadway, New York.
C. K. Williams & Co., Easton, Pa.

2497. VERMILION.
Acme White Lead & Color Works, Detroit, Mich.
Charles Moser Co., Cincinnati, O.

2498. WHITING.
Geo. S. Mepham & Klein, St. Louis, Mo.
H. F. Taintor Mfg. Co., 101 Beekman St., New York.
Thomas Mfg. Co., Baltimore, Md.
Truslow & Co., 4 Platt St., New York.

2499. WOOD FILLER.
Acme White Lead & Color Works, Detroit, Mich.
Adams Etting Co., 278 E. Madison St., Chicago, Ill.
Alston Mfg. Co., 177 Randolph St., Chicago, Ill.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
John Babcock & Co., Boston, Mass.
Billings, Taylor & Co., Cleveland, O.
Bridgeport Wood Finishing Co., New Milford, Conn.
Chicago Wood Finishing Co., 259 Elston Av., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Felton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
Glidden Varnish Co., Cleveland, O.
Hallack Paint, Oil & Glass Co., Denver, Col.
Chas. H. Howell & Co., 212 Race St., Philadelphia, Pa.
H. W. Johns Mfg. Co., 100 William St., New York.
Kroeger Bros., Baltimore, Md.
W. W. Lawrence & Co., Pittsburg, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.

Wm. T. Lindeman & Co., 1400 Frankford Av., Phila., Pa.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., Gibbsboro, N. J.
R. McWilliams, Ltd., New Orleans, La.
Moller & Schuman, Marcy & Flushing Avs., B'klyn, N. Y.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
Mound City Paint & Color Co., St. Louis, Mo.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., Newark, N. J.
Reno Bros., Pulaski, Pa.
Rinald Bros., 30 N. 6th St., Philadelphia, Pa.
Rubber Paint Co., 36 Boston Av., Chicago, Ill.
Senour Paint Co., 2520 Quarry St., Chicago, Ill.
U. S. Gutta Percha Paint Co., Providence, R. I.
C. K. Williams & Co., Easton, Pa.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

2500. YELLOW OXIDE.
C. K. Williams & Co., Easton, Pa.

2501. ZINC WHITE.
Alston Mfg. Co., 212 Randolph St., Chicago, Ill.
Heath & Milligan Mfg. Co., 170 Randolph St., Chicago, Ill.
R. McWilliams, Ltd., New Orleans, La.
Benjamin Moore & Co., 262 Water St., Brooklyn, N. Y.
F. O. Pierce & Co., 170 Fulton St., New York.
D. F. Tiemann & Co., 140 W. Broadway, New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

XXX. PAPER.

2502. ANTI-RUST PAPER.
C. H. Dexter & Pond, Windsor Locks, Conn.

2503. BAG PAPER.
Cushnoc Paper Co., Augusta, Me.

2504. BLACK PAPER.
C. H. Dexter & Sons, Windsor Locks, Conn.

2505. BLANK BOOK PAPER.
Agawam Paper Co., Mittineague, Mass.
P. H. Glatfelter, Spring Forge, Pa.
Hampshire Paper Co., South Hadley Falls, Mass.
Linden Paper Co., Holyoke, Mass.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
Wauregan Paper Co., Holyoke, Mass.

2506. BLOTTING PAPER.
Albemarle Paper Mfg. Co., Richmond, Va.
Geo. K. Baird Paper Co., Lee, Mass.
Bardeen Paper Co., Otsego, Mich.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Joseph Parker & Son Co., New Haven, Conn.
Richmond Paper Mfg. Co., Richmond, Va.
Wm. Russell & Son, Boston, Mass.
Springfield Paper Co., Rainbow, Conn.
Whitmore Mfg. Co., Holyoke, Mass.
Wrenn Paper Co., Middletown, O.

2507. BOARDS.

A. ALBUM BOARD.
Brookside Paper Co., South Manchester, Conn.
E. T. Carrier, South Manchester, Conn.
Keeney Bros., Manchester, Conn.
Rhode Island Card Board Co., Pawtucket, R. I.
Ripley Mfg. Co., Unionville, Conn.
Henry E. Rogers, South Manchester, Conn.
D. L. Swan & Sons, Springfield, Mass.

B. ASBESTOS BOARD.
Asbestos Mfg. Co., Philadelphia, Pa.
Asbestos Paper Co., Boston, Mass.
Philip Carey Mfg. Co., Lockland, O.
R. M. Gilmour Mfg. Co., 84 John St., New York.
H. W. Johns Mfg. Co., 100 William St., New York.
Keasby & Matteson Co., Ambler, Pa.
H. F. Watson Co., Erie, Pa.

C. BINDERS' BOARD.
American Straw Board Co., 84 Vanburen St., Chicago, Ill.
Brookside Paper Co., South Manchester, Conn.
E. H. Davey Co., Bloomfield, N. J.
Hamilton Mfg. Co., Two Rivers, Wis.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

	Keeney Bros., Manchester, Conn.
	Ripley Mfg. Co., Unionville, Conn.
	Henry E. Rogers, South Manchester, Conn.
	John B. Shepler, Toledo, O.
	Shryock Bros., 914 Filbert St., Philadelphia, Pa.
	D. L. Swan & Sons, Springfield, Mass.
D. BOX BOARD.	Brownville Paper Co., Brownville, N. Y.
	Elkhart Boxboard & Paper Co., Elkhart, Ind.
	Niagara Surface Coating Co., Niagara Falls, N. Y.
	Ohio Paper Co., Niles, Mich.
	James Ramage Paper Co., Monroe Bridge, Mass.
	Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
	Traders' Paper Co., Lockport, N. Y.
	Tytus-Gardner Paper & Mfg. Co., Middletown, O.
	Whitmore Mfg. Co., Holyoke, Mass.
E. BRISTOL BOARD.	Agawan Paper Co., Mittineague, Mass.
	Geo. K. Baird Paper Co., Lee, Mass.
	C. H. Dexter & Sons, Windsor Locks, Conn.
	Franklin Paper Co., Holyoke, Mass.
	Hampshire Paper Co., South Hadley Falls, Mass.
	Holyoke Paper Co., Holyoke, Mass.
	Horlbut Paper Mfg. Co., South Lee, Mass.
	Massaoit Paper Mfg. Co., Holyoke, Mass.
	Mittineague Paper Co., Mittineague, Mass.
	Old Berkshire Mills, Co., Dalton, Mass.
	Parsons Paper Co., Holyoke, Mass
	James Ramage Paper Co., Monroe Bridge, Mass.
	R. I. Card Board Co., Pawtucket, R. I.
	Sebago Wood Board Co., Portland, Me.
	Geo. W. Wheelwright Paper Co., 95 Milk St., Boston, Mass.
	Whiting Paper Co., Holyoke, Mass.
	Whitmore Mfg. Co., Holyoke, Mass.
	Worthy Paper Co., Mittineague, Mass.
F. BUTTER DISH BOARD.	Traders' Paper Co., Lockport, N. Y.
G. BUTTON BOARD.	Brookside Paper Co., South Manchester, Conn.
	Holyoke Card & Paper Co., Springfield, Mass.
	Keeney Bros., Manchester, Conn.
	Rhode Island Card Board Co., Pawtucket, R. I.
	H. E. Rogers, South Manchester, Conn.
	Whitmore Mfg. Co., Holyoke, Mass.
H. INSULATING BOARD.	Case Mfg. Co., Unionville, Conn.
	H. E. Rogers, South Manchester, Conn.
I. LEATHER BOARD.	Consumers' Paper Co., Muncie, O.
	Jas. A. Muir, Morristown, N. J.
	Ohio Straw Board Co., Urbana, O.
	Paragon Paper Co., Hartford City, Ind.
	Ripley Mfg. Co., Unionville, Conn.
	Sherman & Co., Belfast, Me.
	Spaulding Bros. Co,, West Townsend, Mass.
	Utility Paper Co., Hartford, Conn.
	Wilder & Co., Boston, Mass.
J. LITHOGRAPH BLANKS.	Franklin Paper Co., Holyoke, Mass.
	Hampden Glazed Paper & Card Co., Holyoke, Mass.
	Holyoke Card & Paper Co., Springfield, Mass.
	N. E. Card & Paper Co., Springfield, Mass.
	R. I. Card Board Co., Pawtucket, R. I.
	Whitmore Mfg. Co., Holyoke, Mass.
K. PRESS BOARD.	Case Bros., Highland Park, Conn.
	Chas. F. Crehore & Son, 87 Milk St., Boston, Mass.
	H. E. Rogers, South Manchester, Conn.
	Richard R. Vernon, Rainbow, Conn.
L. RAILROAD BLANKS.	Hampden Glazed Paper & Card Co., Holyoke, Mass.
	Holyoke Card & Paper Co., Springfield, Mass.
	R. I. Card Board Co., Pawtucket, R. I.
	Whitmore Mfg. Co., Holyoke, Mass.
M. STRAW BOARD.	American Straw Board Co., 84 Vanburen St., Chicago, Ill.
	Elkhart Boxboard & Paper Co., Elkhart, Ind.
	Wm. Foulds, Manchester, Conn.
	Keeney Bros., Manchester, Conn.
	F. R. Lewis, Flint, Mich.
	Lydall & Foulds Paper Co., Manchester, Conn.
	Mason-Perkins Paper Co., Bristol, N. H.
	Ohio Paper Co., Niles, Mich.
	Ohio Straw Board Co., Urbana, O.
	S. D. Paddack, Elbridge, N. Y.
	Paragon Paper Co., Hartford City, Ind.

Shryock Bros., 914 Filbert St., Philadelphia, Pa.
D. L. Swan & Sons, Springfield, Mass.
Utility Paper Co., Hartford City, Ind.
Western Straw Board Co., St. Mary's, O.

N. TAG BOARD.
Chemical Paper Co., Holyoke, Mass.
Jackson Paper Mfg. Co., Jackson, Mich.
James Ramage Paper Co., Monroe Bridge, Mass.
Traders' Paper Co., Lockport, N. Y.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Whitmore Mfg. Co., Holyoke, Mass.

O. TRANSLUCENT BRISTOL BOARD.
Martin Cantin Co., Saugerties, N. Y.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Holyoke Card & Paper Co., Springfield, Mass.
Rhode Island Card Board Co., Pawtucket, R. I.
Whitmore Mfg. Co., Holyoke, Mass.

P. TRUNK BOARD.
E. H. Davey Co., Bloomfield, N. J.
Diamond Mills Paper Co., 44 Murray St., New York.
Jas. A. Muir, Morristown, N. J.
New England Card & Paper Co., Springfield, Mass.
Ripley Mfg. Co., Unionville, Conn.
John B. Shepler, Toledo, O.

Q. WATERPROOF BOARD.
Traders' Paper Co., Lockport, N. Y.

R. WOOD PULP BOARD.
Androscoggin Pulp Co., Portland, Me.
Kennebec Mat & Duster Co., Waterville, Me.
Michigan Wood Pulp Co., Niles, Mich.
Umbago Pulp Co., Portland, Me.
H. W. Waldorf, Monroe, Mich.

2508. BOGUS MANILLA PAPER.

Enz & Miller, Ithaca, N. Y.
Estate of John Robertson, Waterford, Conn.
Hartford Manilla Co., Hartford, Conn.
James Jones, Shortsville, N. Y.
O. I. Newton's Sons Co., Sparta, Wis.
Tarentum Paper Mills, 704 Smithfield St., Pittsburg, Pa.

2509. BOOK PAPER.

Peter Adams Paper Co., 150 Nassau St., New York.
Albemarle Paper Mfg. Co., Richmond, Va.
Albion Paper Co., Holyoke, Mass.
Amoskeag Paper Mills Co., Manchester, N. H.
Bacon Paper Co., Lawrence, Mass.
Bancroft Mill, Bancroft, Mass.
Bardeen Paper Co., Otsego, Mich.
D. M. Bare & Co., Roaring Creek, Pa.
Bulkley, Dunton & Co., 75 Duane St., New York.
J. D. Carter & Son, Singerly, Md.
Cleveland Paper Co., Cleveland, O.
Crane & Co., Dalton, Mass.
Crocker, Burbank & Co., Fitchburg, Mass.
Crocker Mfg. Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
Dells Paper & Pulp Co., Eau Claire, Wis.
Deseret News Co., Salt Lake City, Utah.
Geo. R. Dickinson Paper Co., Holyoke, Mass.
Duncan Co., Mechanicsville, N. Y.
A. G. Elliot & Co., 30 S. 6th St., Philadelphia, Pa.
Excelsior Paper Co., Holyoke, Mass.
Fort Orange Pad Co., Castleton, N. Y.
Fox Paper Co., Lockland, O.
Fox River Paper Co., Appleton, Wis.
George H. Friend Paper & Tablet Co., West Carrollton, O.
C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
Gilbert Paper Co., Menasha, Wis.
P. H. Glatfelter, Spring Forge, Pa.
W. C. Hamilton & Sons, Wm. Penn. P. O. Mont. Co., Pa.
Hartford Paper Co., Hartford, Conn.
Indiana Paper Co., Indianapolis, Ind.
International Paper Co., 30 Broad St., New York.
Jessup & Moore Paper Co., 28 S. 6th St., Philadelphia, Pa.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly & Clark Co., Appleton, Wis.
Marietta Paper Mfg. Co., Marietta, Ga.
Mead Paper Co., Dayton, O.
Merrimac Paper Co., Lawrence, Mass.
Mittineague Paper Co., Mittineague, Mass.
Morrison & Cass Paper Co., Tyrone, Pa.
Nashua Card & Glazed Paper Co., Nashua, N. H.
Neenah Paper Co., Neenah, Wis.

Nekoasa Paper Co., Nekoasa, Wis.
New York & Penn. Co., 41 Park Row, New York.
Martin & Wm. H. Nixon Paper Co., Drex. Bldg., Phila., Pa.
Nonotuck Peper Co., Holyoke, Mass.
Ohio Paper Co., Miamisburg, O.
Orrs & Co., Troy, N. Y.
Patten Paper Co., Ltd., Appleton, Wis.
Peninsular Paper Co., Ypsilanti, Mich.
Perkins, Goodwin & Co., 66 Duane St., New York.
Poland Paper, Mechanic Falls, Me.
Reading Paper Mills, Reading, Pa.
Richmond Paper Mfg. Co., Richmond, Va.
Ripley Mfg. Co., Unionville, Conn.
Russell & Son, Penn Yan, N. Y.
Wm. Russell & Son, Boston, Mass.
Schuylerville Paper Co., Schuylerville, N. Y.
Seymour Paper Co., 540 Pearl St., New York.
Smith Paper Co., Lee, Mass.
Stone Fort Paper Co., Manchester, Tenn.
Sugar River Paper Mill Co., Claremont, N. H.
S. P. Taylor Co., San Francisco, Cal.
Three Rivers Paper Co., Three Rivers, Mich.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
Tileston & Hollingsworth Co., Boston, Mass.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
J. H. Walker, Burnside, Conn.
S. D. Warren & Co., Boston, Mass.
West Virginia Pulp & Paper Co., New York.
West Ware Paper Co., Ware, Mass.
Geo. W. Wheelwright Paper Co., Boston, Mass.
Geo. A. Whiting, Menasha, Wis.
Wolverine Paper Co., Kalamazoo, Mich.
Worthy Paper Co., Mittineague, Mass.
Wrenn Paper Co., Middletown, O.
Ypsilanti Paper Co., Ypsilanti, Mich.

2510. BUTTER PAPER. Albany Perforated Wrapping Paper Co., Albany, N. Y.

2511. CALENDER ROLL PAPER.
Kingsland Paper Mills, 150 Nassau St., New York.

2512. CARBON PAPER. Carter's Ink Co., 172 Columbus Av., Boston, Mass.
Eden Tissue Mills, Whippany, N. Y.
Henry Gerber, 93 Nassau St., New York.
A. P. Little, Rochester, N. Y.
N. Y. Carbon & Transfer Paper Co., 107 Liberty St., N. Y.
Typewriter Cushion Key Co., 297 Washn. St., Newark, N. J.
John Underwood & Co., 30 Vesey St., New York.
F. S. Webster Co., 246 Congress St., Boston, Mass.
Chas. H. Wood & Co., 614 5th Av., Chicago, Ill.

2513. CARD PAPER. Berlin & Jones Envelope Co., 136 William St., New York.
Brown Bros., Comstock's Bridge, Conn.
Carew Mfg. Co., South Hadley Falls, Mass.
Champion Coated Paper Co., Hamilton, O.
P. C. Cheney Co., Manchester, N. H.
Contoocook Valley Paper Co., West Henniker, N. H.
Crocker, Burbank & Co., Fitchburg, Mass.
Excelsior Paper Co., Holyoke, Mass.
Fort Orange Pad Co., Castleton, N. Y.
C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Hampshire Paper Co., South Hadley Falls, Mass.
Kalamazoo Paper Co., Kalamazoo, Mich.
Nashua Card & Glazed Paper Co., Nashua, N. H.
Ripley Mfg. Co., Unionville, Conn.
Geo. H. Simpson & Co., 8 Spruce St., New York.
Tileston & Hollingsworth Co., Boston, Mass.
Traders Paper Co., Lockport, N. Y.
Geo. W. Wheelwright Paper Co., Boston, Mass.
Whitmore Mfg. Co., Holyoke, Mass.

A. CARD MIDDLES. Androscoggin Pulp Co., Portland, Me.
Brown Bros., Comstock's Bridge, Conn.
C. S. Garrett & Sons, 20 S. Marshall St., Philadelphia, Pa.
International Paper Co., 30 Broad St., New York.
Lydall & Foulds Paper Co., Manchester, Conn.
Traders Paper Co., Lockport, N. Y.

2514. CASH REGISTER PAPER.
A. P. W. Paper Co., Albany, N. Y.

2515. CELLULOID PAPER. Eden Tissue Mills, Whippany, N. Y.

2516. CHROMO PAPER.
Peter Adams Paper Co., 150 Nassau St., New York.
Geo. K. Baird Paper Co., Lee, Mass.
A. G. Elliot & Co., 30 S. 6th St., Philadelphia, Pa.
Fall Mountain Paper Co., Bellows Falls, Vt.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Hartford Paper Co., Hartford, Conn.
Holyoke Card & Paper Co., Springfield, Mass.
Traders' Paper Co., Lockport, N. Y.
Whitmore Mfg. Co., Holyoke, Mass.

2517. CIGARETTE PAPER.
Diamond Mills Paper Co., 44 Murray St., New York.
Eden Tissue Mills, Whippany, N. Y.
Fisk Paper Co., Hinsdale, N. H.

2518. CLOTH FACED PAPER.
United Mfg. Co., 638 Broadway, New York.

2519. COATED PAPER.
Peter Adams Paper Co., 150 Nassau St., New York.
Chas. Beck Paper Co., 609 Chestnut St., Philadelphia, Pa.
Champion Coated Paper Co., Hamilton, O.
Crocker Mfg. Co., Holyoke, Mass.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Holyoke Card & Paper Co., Springfield, Mass.
N. E. Card & Paper Co., Springfield, Mass.
Niagara Surface Coating Co., Niagara Falls, N. Y.
Nonotuck Paper Co., Holyoke, Mass.
Reading Paper Mills, Reading, Pa.
Seymour Paper Co., 540 Pearl St., New York.
Whitmore Mfg. Co., Holyoke, Mass.

2520. COLLAR PAPER.
A. H. Hubbard & Co., Hartford, Conn.
Orrs & Co., Troy, N. Y.

2521. COLORED PAPER.
Agawan Paper Co., Mittineague, Mass.
S. Y. Beach Paper Co., Seymour, Conn.
Beckett Paper Co., Hamilton, O.
Brownville Paper Co., Brownville, N. Y.
Crocker Mfg. Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
Hartford Paper Co., Hartford, Conn.
Kalamazoo Paper Co., Kalamazoo, Mich.
Linden Paper Co., Holyoke, Mass.
Mason-Perkins Paper Co., Bristol, N. H.
Niagara Paper Mill, Lockport, N. Y.
Nixon & Costello Co., Dayton, O.
Nonotuck Paper Co., Holyoke, Mass.
Parsons Paper Co., Holyoke, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
John H. Tangeman & Co., Lockland, O.
S. P. Taylor Co., San Francisco, Cal.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Union Mills Paper Mfg. Co., New Hope, Pa.
Geo. A. Whiting, Menasha, Wis.
Wilkinson Bros. & Co., 419 Broome St., New York.

2522. COPYING PAPER.
Anchor Mills Paper Co., Windsor Locks, Conn.
C. H. Dexter & Sons, Windsor Locks, Conn.
Diamond Mills Paper Co., 44 Murray St., New York.
Eden Tissue Mills, Whippany, N. Y.
Linden Paper Co., Holyoke, Mass.
William Mann Co., 60 Maiden Lane, New York.
Springfield Paper Co., Rainbow, Conn.
Union Mills Paper Mfg. Co., New Hope, Pa.
Frank H. Whittelsey, Windsor Locks, Conn.

2523. COVER PAPER.
Bardeen Paper Co., Otsego, Mich.
Beckett Paper Co., Hamilton, O.
Case Mfg. Co., Unionville, Conn.
Crocker Mfg. Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
C. H. Dexter & Sons, Windsor Locks, Conn.
Eaton, May & Robbins Paper Co., Lee, Mass.
Knowlton Bros., Inc., Watertown, N. Y.
Mittineague Paper Co., Mittineague, Mass.
Niagara Paper Mill, Lockport, N. Y.
Nonotuck Paper Co., Holyoke, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
Seymour Paper Co., 540 Pearl St., New York.
Whitmore Mfg. Co., Holyoke, Mass.

A. EMBOSSED PAPER.
Chas. Beck Paper Co., 609 Chestnut St., Philadelphia, Pa.
Crocker Mfg. Co., Holyoke, Mass.
Griffith, Axtell & Cady Co., Holyoke, Mass.
Kingsland Paper Mills, 150 Nassau St., New York.

Nashua Card & Glazed Paper Co., Nashua, N. H.
Worthy Paper Co., Mittineague, Mass.

2524. DECORATED PAPER. Case Mfg. Co., Unionville, Conn.

2525. DRAWING PAPER. Levi L. Brown Paper Co., Adams, Mass.
Linden Paper Co., Holyoke, Mass.
Mittineague Paper Co., Mittineague, Mass.
J. Symington & Co., Lancaster, Pa.
Taylor & Co., Springfield, Mass.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
Tytus-Gardner Paper Mfg. Co., Middletown, O.
West Jersey Paper Mfg. Co., Camden, N. J.

2526. ENVELOPE PAPER. Chemical Paper Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
Cushnoc Paper Co., Augusta, Me.
Gilbert Paper Co., Menasha, Wis.
Hartford Manilla Co., Hartford, Conn.
Holyoke Paper Co., Holyoke, Mass.
Linden Paper Co., Holyoke, Mass.
Monotuck Paper Co., Holyoke, Mass.
Oakland Paper Co., Manchester, Conn.
Parsons Paper Co., Holyoke, Mass.
Jas. Symington & Co., Lancaster, Pa.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Wauregan Paper Co., Holyoke, Mass.

A. DUPLEX ENVELOPE PAPER. C. H. Dexter & Sons, Windsor Locks, Conn.
Franklin Paper Co., Holyoke, Mass.
Oakland Paper Co., Manchester, Conn.

2527. EXPRESS PAPER. N. Y. & Penna. Co., Lock Haven, Pa.
Perine Paper Co., Franklin, O.
Shryock Bros., 914 Filbert St., Philadelphia, Pa.
Tarentum Paper Mills, Pittsburg, Pa.
Wilkinson Bros. & Co., 419 Broome St., New York.

2528. FILTER PAPER. Baker & Adamson Chemical Co., Easton, Pa.
Bardeen Paper Co., Otsego, Mich.
Levi L. Brown Paper Co., Adams, Mass.
Thos. S. Marshall & Sons, Yorklyn, Del.

2529. FLOUR SACK PAPER. Arkell & Smiths, Canajoharie, N. Y.
Hollingsworth & Vose Co., 44 Federal St., Boston, Mass.
John A. Manning, Troy, N. Y.
Thos. S. Marshall & Sons, Yorklyn, Del.
Thos. Phillips Co., Akron, O.
West Jersey Paper Mfg. Co., Camden, N. J.

2530. FRUIT PAPER. C. H. Dexter & Sons, Windsor Locks, Conn.
Frank H. Whittelsey, Windsor Locks, Conn.

2531. GLAZED PAPER. Hampden Glazed Paper & Card Co., Holyoke, Mass.
Holyoke Card & Paper Co., Springfield, Mass.
Nashua Card & Glazed Paper Co., Nashua, N. H.
N. E. Card & Paper Co., Springfield, Mass.
Nonotuck Paper Co., Holyoke, Mass.
Pawtucket Glazed Paper Co., Pawtucket, R. I.
Whitmore Mfg. Co., Holyoke, Mass.

2532. HANGING PAPER. Allen Bros., Sandy Hill, N. Y.
Bancroft Mill, Bancroft, Mass.
Bayless Pulp & Paper Co., Binghamton, N. Y.
Cliff Paper Co., Niagara Falls, N. Y.
Estate of C. M. Robertson, Montville, Conn.
Fort Miller Pulp & Paper Co., Fort Miller, N. Y.
C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
Howland Paper Co., Sandy Hill, N. Y.
International Paper Co., 30 Broad St., New York.
Lockport Paper Co., Lockport, N. Y.
Thos. S. Marshall & Sons, Yorklyn, Del.
Middleton Paper Co., Middleton, Mass.
Munroe Felt & Paper Co., South Lawrence, Mass.
Pettebone-Cataract Paper Co., Niagara Falls, N. Y.
Orrs & Co., Troy, N. Y.
Phoenix Paper Co., Greenwich, N. Y.
Stark Paper Co., North Bennington, Vt.
Stevens & Thompson, North Hoosick, N. Y.
Taggarts Paper Co., Great Bend, N. Y.
Union Bag & Paper Co., Sandy Hill, N. Y.
White & Keeny Paper Mfg. Co., Manchester, Conn.
Williamette Pulp & Paper Co., San Francisco, Cal.
Woddrop & Welch, Hughesville, Pa.
Woronoco Paper Co., Fairfield, Vt.

2533. HARDWARE PAPER. F. W. Bird & Son, East Walpole, Mass.

Case Mfg. Co., Unionville, Conn.
Crocker Mfg. Co., Holyoke, Mass.
Marietta Paper Mfg. Co., Marietta, Ga.
New York & Pennsylvania Co., 41 Park Row, New York.
S. P. Taylor Co., San Francisco, Cal.
Wilkinson Bros. & Co., 419 Broome St., New York.

2534. INSULATING PAPER FOR ELECTRICAL USE.
Case Mfg. Co., Unionville, Conn.

2535. JAQUARD PAPER.
Case Bros., Highland Park, Conn.
F. L. Case Paper Co., Andover, Conn.
H. E. Rogers, South Manchester, Conn.

2536. LABEL PAPER.
New York & Pennsylvania Co., 41 Park Row, New York.

2537. LINED PAPER.
Berlin & Jones Envelope Co., 136 William St., New York.

2538. LINING PAPER.
George H. Friend Paper & Tablet Co., West Carrollton, O.
Haldeman Paper Co., Lockland, O.
Newton Paper Co., Holyoke, Mass.
Paterson Parchment Paper Co., Passaic, N. J.
John H. Tangeman & Co., Lockland, O.

2539. LITHOGRAPH PAPER.
Peter Adams Paper Co., 150 Nassau St., New York.
Albion Paper Co., Holyoke, Mass.
Bardeen Paper Co., Otsego, Mich.
Champion Coated Paper Co., Hamilton, O.
Crocker, Burbank & Co., Fitchburg, Mass.
Gilbert Paper Co., Menasha, Wis.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Kalamazoo Paper Co., Kalamazoo, Mich.
Niagara Surface Coating Co., Niagara Falls, N. Y.
Nonotuck Paper Co., Holyoke, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
Poland Paper Co., Mechanic Falls, Me.
Reading Paper Mills, Reading, Pa.
Whitmore Mfg. Co., Holyoke, Mass.

2540. MANILLA PAPER.
Albany Perforated Wrapping Paper Co., Albany, N. Y.
Atlas Paper Co., Appleton, Wis.
Badger Paper Co., Kankanno, Wis.
Bancroft Mill, Bancroft, Mass.
Bradner, Smith & Co., Inc., 119 Monroe St., Chicago, Ill.
Brownville Paper Co., Brownville, N. Y.
Chas. E. Callender, Glendale, Mass.
Chemical Paper Co., Holyoke, Mass.
Cleveland Paper Co., Cleveland, O.
Cushnoc Paper Co., Augusta, Me.
Dells Paper & Pulp Co., Eau Claire, Wis.
Deseret News Co., Salt Lake City, Utah.
George H. Friend Paper & Tablet Co., West Carrollton, O.
C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
Haldeman Paper Co., Lockland, O.
Hartford Manilla Co., Hartford, Conn.
Hart Lot Paper Co., Hart Lot, N. Y.
Hollingsworth & Vose Co., 44 Federal St., Boston, Mass.
Hollingsworth & Whitney Co., Boston, Mass.
Howland Paper Co., Sandy Hill, N. Y.
Indiana Paper Co., Indianapolis, Ind.
International Paper Co., 30 Broad St., New York.
Kimberley & Clark Co., Appleton, Wis.
M. J. Lawless & Co., Marcellus Falls, N. Y.
John A. Manning, Troy, N. Y.
Manning & Paine, Troy, N. Y.
Manning & Peckham, Troy, N. Y.
Marietta Paper Mfg. Co., Marietta, Ga.
Marinette & Menominee Paper Co., Marinette, Wis.
Mason-Perkins Paper Co., Bristol, N. H.
Moore & Thompson Paper Co., Bellows Falls, Vt.
New York & Pennsylvania Co., 41 Park Row, New York.
Martin & Wm. H. Nixon Paper Co., 231 Drex. Bdg., Phila., Pa.
Orono Pulp & Paper Co., Bangor, Me.
Perrine Paper Co., Franklin, O.
Thos. Phillips Co., Akron, O.
Pleasant Mill Paper Co., Pleasant Mills, N. J.
Jas. B. Ramsey & Son, 14 S. Marshall St., Philadelphia, Pa.
Reading Paper Mills, Reading, Pa.
Remington Paper Co., Watertown, N. Y.
J. L. Riegel & Son, Riegelsville, N. Y.
Philip Rudolph & Son, 16 S. Marshall St., Philadelphia, Pa.
Smith Paper Co., Lee, Mass.

Springfield Paper Co., Rainbow, Conn.
James Symington & Co., Lancaster, Pa.
Taggart Bros. Co., Watertown, N. Y.
Telulah Paper Co., Appleton, Wis.
Train, Smith & Co., Boston, Mass.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Union Mills Paper Mfg. Co., New Hope, Pa.
Wardlow-Thomas Paper Co., Middletown, O.
Warren Mfg. Co., Riegelsville, N. J.
H. F. Watson & Co., Erie, Pa.
Geo. West, Ballston Spa, N. Y.
West Ware Paper Co., Ware, Mass.
Geo. W. Wheelwright Paper Co., Boston, Mass.
Whitmore Mfg. Co., Holyoke, Mass.
Wilder & Co., 220 Devonshire St., Boston, Mass.
Wilkinson Bros. & Co., 419 Broome St., New York.
York Haven Paper Co., 11 Broadway, New York.

A. LINED MANILLA PAPER.
Newton Paper Co., Holyoke, Mass.
Robertson Paper Co., Bellows Falls, Vt.

2541. MAP PAPER.
Peter Adams Paper Co., 150 Nassau St., New York.
Bardeen Paper Co., Otsego, Mich.
Kalamazoo Paper Co., Kalamazoo, Mich.
Linden Paper Co., Holyoke, Mass.
Mount Holly Paper Co., Mount Holly Springs, Pa.
Nonotuck Paper Co., Holyoke, Mass.

2542. MATRIX PAPER.
Bardeen Paper Co., Otsego, Mich.
Crocker Mfg. Co., Holyoke, Mass.
Excelsior Paper Co., Holyoke, Mass.
Joseph Parker & Son Co., New Haven, Conn.
Winnebago Paper Mills, Neenah, Wis.

2543. MUSIC PAPER.
Bardeen Paper Co., Otsego, Mich.
Oliver Ditson Co., Boston, Mass.
Kalamazoo Paper Co., Kalamazoo, Mich.
Geo. W. Wheelwright Paper Co., Fitchburg, Mass.

2544. NEWS PAPER.
Albemarle Paper Mfg. Co., Richmond, Va.
Amoskeag Paper Mills Co., Manchester, N. H.
Appleton Paper & Pulp Co., Appleton, Wis.
Atlas Paper Co., Appleton, Wis.
Badger Paper Co., Kankanna, Wis.
Geo. K. Baird Paper Co., Lee, Mass.
Bancroft Mill, Bancroft, Mass.
Bayless Pulp & Paper Co., Binghamton, N. Y.
Berlin Mills Co., Portland, Me.
Brownville Paper Co., Brownville, N. Y.
Bulkley, Dunton & Co., 75 Duane St., New York.
Martin Cantine Co., Saugerties, N. Y.
Chatfield & Woods Co., Cincinnati, O.
P. C. Cheney Co., Manchester, N. H.
Chas. S. Clark, 38 Park Row, New York.
Cliff Paper Co., Niagara Falls, N. Y.
Cleveland Paper Co., Cleveland, O.
Columbia River Paper Co., Las Camas, Wash.
Combined Lock Paper Co., Combined Lock, Wis.
Crocker, Burbank & Co., Fitchburg, Mass.
Dells Paper & Pulp Co., Eau Claire, Wis.
Deseret News Publishing Co., Salt Lake City, Utah.
Elkhart Paper Co., Elkhart, Ind.
A. G. Elliot & Co., 30 S. 6th St., Philadelphia, Pa.
Fall Mountain Paper Co., Bellows Falls, Vt.
Fox Paper Co., Lockland, O.
George H. Friend Paper & Tablet Co., West Carrollton, O.
C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
Frank Gilbert, Waterford, N. Y.
P. H. Glatfelter, Spring Forge, Pa.
Harding Paper Co., Franklin, O.
Hartford Paper Co., Hartford, Conn.
Hollingsworth & Whitney Co., Gardiner, Me.
Indiana Paper Co., Indianapolis, Ind.
International Paper Co., 30 Broad St., New York.
Jessup & Moore Paper Co., 28 S. 6th St., Philadelphia, Pa.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly & Clark Co., Appleton, Wis.
Manufacturers' Paper Co., 41 Park Row, New York.
Marietta Paper Mfg. Co., Marietta, Ga.
Marinette & Menominee Paper Co., Marinette, Wis.
Marshall Paper Co., Turners Falls, Mass.

Mason-Perkins Paper Co., Bristol, N. H.
Mead Paper Co., Dayton, O.
Montague Paper Co., Turners Falls, Mass.
Morrison & Cass Paper Co., Tyrone, Pa.
Neenah Paper Co., Neenah, Wis.
Nekoasa Paper Co., Nekoasa, Wis.
Newton Falls Paper Co., Newton Falls, N. Y.
New York & Pennsylvania Co., 41 Park Row, New York.
Orrs & Co., Troy, N. Y.
Oswego Falls Pulp & Paper Co., Fulton, N. Y.
Patten Paper Co., Ltd., Appleton, Wis.
Perkins, Goodwin & Co., 66 Duane St., New York.
Perrine Paper Co., Franklin, O.
Phoenix Pulp & Paper Mills, New York.
Poland Paper Co., Portland, Me.
Remington Paper Co., Watertown, N. Y.
Richardson Paper Co., Franklin, O.
Richmond Paper Mfg. Co., Richmond, Va.
Russell & Son, Penn Yan, N. Y.
Wm. Russell & Son, Boston, Mass.
Smith Paper Co., Lee, Mass.
Springfield Paper Co., Rainbow, Conn.
Stevens & Thompson, North Hoosick, N. Y.
Sugar River Paper Mill Co., Claremont, N. H.
Taggart Bros. Co., Watertown, N. Y.
S. P. Taylor Co., San Francisco, N. Y.
Telulah Paper Co., Appleton, Wis.
Three Rivers Paper Co., Three Rivers, Mich.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
Turners Falls Paper Co., Turners Falls, Mass.
Richard R. Vernon, Rainbow, Conn.
F. G. Weeks, Skaneateles Falls, N. Y.
George West, Ballston Spa., N. Y.
Edmund C. Westervelt, South Bend, Ind.
Geo. West Paper & Bag Co., Ballston Spa., N. Y.
West Shore Paper Co., Ware, Mass.
Geo. A. Whiting, Menasha, Wis.
Wilder & Co., 220 Devonshire St., Boston, Mass.
Winnebago Paper Mills, Neenah, Wis.
Wisconsin River Paper & Pulp Co., Menasha, Wis.
Wrenn Paper Co., Middletown, O.
Ypsilanti Paper Co., Ypsilanti, Mich.

A. ROLL NEWS PAPER.
Cleveland Paper Co., Cleveland, O.
Fall Mountain Paper Co., Bellows Falls, Vt.
Wyman Flint & Sons Co., Bellows, Falls, Vt.
Harding Paper Co., Franklin, O.
Marshall Paper Co., Turners Falls, Mass.
Remington Paper Co., Watertown, N. Y.
Turners Falls Paper Co., Turners Falls, Mass.
Woddrop & Welch, Hughesville, Pa.

2545. PATTERN PAPER.
Case Mfg. Co., Unionville, Conn.

2546. PLAID PAPER.
Brownville Paper Co., Brownville, N. Y.
Hampden Glazed Paper & Card Co., Holyoke, Mass.

2547. PLATE PAPER.
Bacon Paper Co., Lawrence, Mass.
Geo. K. Baird Paper Co., Lee, Mass.
Bardeen Paper Co., Otsego, Mich.
Eaton, May & Robbins Paper Co., Lee, Mass.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Holyoke Card & Paper Co., Springfield, Mass.
Reading Paper Mills, Reading, Pa.
Tileston & Hollingsworth Co., Boston, Mass.
Whitmore Mfg. Co., Holyoke, Mass.

2548. PLAYING CARD PAPER.
Linden Paper Co., Holyoke, Mass.

2549. POSTER PAPER.
Bacon Paper Co., Lawrence, Mass.
Beckett Paper Co., Hamilton, O.
Brownville Paper Co., Brownville, N. Y.
Kalamazoo Paper Co., Kalamazoo, Mich.
Mason-Perkins Paper Co., Bristol, N. H.
Peninsular Paper Co., Ypsilanti, Mich.
Springfield Paper Co., Rainbow, Conn.

2550. SAFETY PAPER.
Kingsland Paper Mills, Nutley, N. J.
Mount Holly Paper Co., Mount Holly Springs, Pa.
Perfect Safety Paper Co., Franklin, O.
Riverside Paper Co., Holyoke, Mass.

2551. SAND PAPER.
Hollingsworth & Vose Co., Boston, Mass.

John A. Manning, Troy, N. Y.
Manning & Paine, Troy, N. Y.
West Jersey Paper Mfg. Co., Camden, N. J.

2552. SEIDLITZ PAPER.
S. Y. Beach Paper Co., Seymour, Conn.
Springfield Paper Co., Rainbow, Conn.

2553. SILVER PAPER.
C. H. Dexter & Sons, Windsor Locks, Conn.
Eden Tissue Mills, Whippany, N. Y.
Hampden Glazed Paper & Card Co., Holyoke, Mass.

2554. STARCH PAPER.
Beckett Paper Co., Hamilton, O.
Kalamazoo Paper Co., Kalamazoo, Mich.

2555. STRIPED PAPER.
Brownville Paper Co., Brownville, N. Y.

2556. TEA PAPER.
C. Leonard J. Ager, Lyonsdale, N. Y.
Kalamazoo Paper Co., Kalamazoo, Mich.

2557. TICKET PAPER.
Crocker Mfg. Co., Holyoke, Mass.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.

2558. TISSUE PAPER.
Albany Perforated Wrapping Paper Co., Albany, N. Y.
Anchor Mills Paper Co., Windsor Locks, Conn.
W. A. Cole & Co., Putney, Vt.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
C. H. Dexter & Sons, Windsor Locks, Conn.
Diamond Mills Paper Co., 44 Murray St., New York.
Eden Tissue Mills, Whippany, N. Y.
Fisk Paper Co., Hinsdale, N. H.
Joseph C. Godfrey, Raubsville, Pa.
Kenyon Paper Co., Baldwinsville, N. Y.
Wm. Mann Co., Lambertville, N. J.
John Robertson & Son, Bellows Falls, Vt.
Sparks Mfg. Co., Hamburg, N. J.
Francis Tempest, Beaver Valley, Del.
Union Mills Paper Mfg. Co., New Hope, Pa.
Frank H. Whittelsey, Windsor Locks, Conn.
Wilkinson Bros. & Co., 419 Broome St., New York.

A. FRENCH FOLIO PAPER.
C. H. Dexter & Sons, Windsor Locks, Conn.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Frank H. Whittelsey, Windsor Locks, Conn.

B. STEREOTYPE PAPER.
C. H. Dexter & Sons, Windsor Locks, Conn.
Eden Tissue Mills, Whippany, N. Y.

2559. TOBACCO PAPER.
Bardeen Paper Co., Otsego, Mich.
Beckett Paper Co., Hamilton, O.
George H. Friend Paper & Tablet Co., West Carrollton, O.
Marietta Paper Mfg. Co., Marietta, Ga.
Walsh Paper Co., Cuyahoga Falls, O.

2560. TOILET PAPER.
Albany Perforated Wrapping Paper Co., Albany, N. Y.
W. A. Cole & Co., Putney, Vt.
C. H. Dexter & Sons, Windsor Locks, Conn.
Diamond Mills Paper Co., 44 Murray St., New York.
Fisk Paper Co., Hinsdale, N. H.
Joseph C. Godfrey, Raubsville, Pa.
John T. Moore & Son, Bellows Falls, Vt.
Morgan Envelope Co., Springfield, Mass.
A. P. W. Paper Co., Albany, N. Y.
Frank H. Whittelsey, Windsor Locks, Conn.
Wortendyke Mfg. Co., Richmond, Va.

2561. TYPEWRITER PAPER.
Agawan Paper Co., Mittineague, Mass.
Carew Mfg. Co., South Hadley Falls, Mass.
C. H. Dexter & Sons, Windsor Locks, Conn.
Hampshire Paper Co., South Hadley Falls, Mass.
Holyoke Paper Co., Holyoke, Mass.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Valley Paper Co., Holyoke, Mass.
Woronoco Paper Co., Fairfield, Mass.

2562. WAXED PAPER.
Albany Perforated Wrapping Paper Co., Albany, N. Y.
Dayton Paper Novelty Co., Dayton, O.
Joseph C. Godfrey, Raubsville, Pa.
Hammerschlag Mfg. Co., 234 Greenwich St., New York.
A. P. W. Paper Co., Albany, N. Y.
Sparks Mfg. Co., Hamburg, N. J.
Windsor Locks Wax Paper Co., Windsor Locks, Conn.

2563. WRAPPING PAPER.
Albany Perforated Wrapping Paper Co., Albany, N. Y.
Anchor Mills Paper Co., Windsor Locks, Conn.
Atlanta Paper Co., Atlanta, Ga.
Bardeen Paper Co., Otsego, Mich.
F. W. Bird & Son, East Walpole, Mass.
Bradner Smith & Co., Inc., 119 Munroe St., Chicago, Ill.
Brownville Paper Co., Brownville, N. Y.

Cleveland Paper Co., Cleveland, O.
Clinton Paper Co., Clinton, Iowa.
Columbia River Paper Co., La Camas, Wash.
Eastern Mfg. Co., Bangor, Me.
Fox Paper Co., Lockland, O.
Franklin Paper Co., Holyoke, Mass.
Haldeman Paper Co., Lockland, O.
Indiana Paper Co., Indianapolis, Ind.
M. J. Lawless & Co., Marcellus Falls, N. Y.
L. Lincoln & Co., Taunton, Mass.
Lockport Paper Co., Lockport, N. Y.
Marietta Paper Mfg. Co., Marietta, Ga.
Mason-Perkins Paper Co., Bristol, N. H.
Nelson Paper Co., Minneapolis, Minn.
Newton Paper Co., Holyoke, Mass.
O. I. Newton's Sons Co., Sparta, Wis.
New York & Pennsylvania Co., Lock Haven, Pa.
Martin & Wm. H. Nixon Paper Co., 231 Drex. Bdg., Phila., Pa.
Paterson Parchment Paper Co., Passaic, N. J.
Perrine Paper Co., Franklin, O.
James Peters & Co., Latrobe, Pa.
James B. Ramsey & Son, 14 S. Marshall St., Phila., Pa.
John Roberts & Son Co., Waltham, Mass.
Philip Rudolph & Son, 16 S. Marshall St., Philadelphia, Pa.
Shryock Bros., 914 Filbert St., Philadelphia, Pa.
John H. Tangeman & Co., Lockland, O.
Tarentum Paper Mills, Pittsburg, Pa.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Wilkinson Bros. & Co., 419 Broome St., New York.
York Haven Paper Co., 11 Broadway, New York.

A. ROLL WRAPPING PAPER.
Albany Perforated Wrapping Paper Co., Albany, N. Y.
American Roll Paper Co., St. Louis, Mo.

B. STRAW WRAPPING PAPER.
American Straw Board Co., 84 Vanburen St., Chicago, Ill.
W. A. Bingham & Co., 228 W. Broadway, New York.
E. L. Brown, Elmwood, Ill.
Cleveland Paper Co., Cleveland, O.
Clinton Paper Co., Clinton, Iowa.
Columbia River Paper Co., La Camas, Wash.
Deseret News Publishing Co., Salt Lake City, Utah.
Enz & Miller, Ithaca, N. Y.
Fall Mountain Paper Co., Bellows Falls, Vt.
Fort Orange Paper Co., Castleton, N. Y.
Henry Gardner, Callicoon Depot, N. Y.
John Halstead, Blossvale, N. Y.
Indiana Paper Co., Indianapolis, Ind.
Ingalls & Co., Castleton, N. Y.
Kenyon Paper Co., Baldwinsville, N. Y.
M. J. Lawless & Co., Marcellus Falls, N. Y.
O. I. Newton's Sons Co., Sprata, Wis.
New York & Pennsylvania Co., 41 Park Row, New York.
L. J. Rossman, Stockport, N. Y.
Rossman Knitting Co., Stockport, N. Y.
R. T. Smart, Troy, N. Y.

2564. WRITING PAPER.
Agawan Paper Co., Mittineague, Mass.
Albion Paper Co., Holyoke, Mass.
Badger Paper Co., Kaukanna, Wis.
Bardeen Paper Co., Otsego, Mich.
Carew Mfg. Co., South Hadley Falls, Mass.
Z. & W. M. Crane, Dalton, Mass.
Geo. C. Gill Paper Co., Holyoke, Mass.
P. H. Glatfelter, Spring Forge, Pa.
Holyoke Paper Co., Holyoke, Mass.
Hurlbut Paper Mfg. Co., South Lee, Mass.
Linden Paper Co., Holyoke, Mass.
Mittineague Paper Co., Mittineague, Mass.
Mount Holly Paper Co., Mount Holly Springs, Pa.
New York & Pennsylvania Co., 41 Park Row, New York.
Nonotuck Paper Co., Holyoke, Mass.
Old Berkshire Mills Co., Dalton, Mass.
Parsons Paper Co., Holyoke, Mass.
Springdale Paper Co., Springfield, Mass.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.
Wauregan Paper Co., Holyoke, Mass.
Woronoco Paper Co., Fairfield, Mass.

A. BOND & BANK NOTE PAPER.
Agawan Paper Co., Mittineague, Mass.
Berlin & Jones Envelope Co., 136 William St., New York.

Levi L. Brown Paper Co., Adams, Mass.
Carew Mfg. Co., South Hadley Falls, Mass.
Crane & Co., Dalton, Mass.
Geo. C. Gill Paper Co., Holyoke, Mass.
Hampshire Paper Co., South Hadley Falls, Mass.
Holyoke Paper Co., Holyoke, Mass.
Hurlbut Paper Mfg. Co., South Lee, Mass.
Mittineague Paper Co., Mittineague, Mass.
Parsons Paper Co., Holyoke, Mass.
Riverside Paper Co., Holyoke, Mass.
Southworth Co., Mittineague, Mass.
Springdale Paper Co., Springfield Mass.
Valley Paper Co., Holyoke, Mass.
Whiting Paper Co., Holyoke, Mass.
Woronoco Paper Co., Fairfield, Mass.
Worthy Paper Co., Mittineague, Mass.

B. COLORED WRITING PAPER.

Agawan Paper Co., Mittineague, Mass.
Beebe & Holbrook Co., Holyoke, Mass.
Hampshire Paper Co., South Hadley Falls, Mass.
Holyoke Paper Co., Holyoke, Mass.
Oakland Paper Co., Manchester, Conn.
Parsons Paper Co., Holyoke, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
Seymour Paper Co., 540 Pearl St., New York.
Whiting Paper Co., Holyoke, Mass.

C. ENGINE SIZED WRITING PAPER.

Albion Paper Co., Holyoke, Mass.
Bardeen Paper Co., Otsego, Mich.
D. N. Bare Co., Roaring Springs, Pa.
Crocker Mfg. Co., Holyoke, Mass.
Geo. R. Dickinson Paper Co., Holyoke, Mass.
Eagle Paper Mills, Burnside, Conn.
A. G. Elliot & Co., 30 S. 6th St., Philadelphia, Pa.
Fox River Paper Co., Appleton, Wis.
W. C. Hamilton & Sons, Wm. Penn P. O. Mont Co., Pa.
Geo. B. Hurd & Co., 425 Broome St., New York.
International Paper Co., 30 Broad St., New York.
Morrison & Cass Paper Co., Tyrone, Pa.
Oakland Paper Co., Manchester, Conn.
Parsons Paper Co., Holyoke, Mass.
Ripley Mfg. Co., Unionville, Conn.
Wm. Russell & Son, Boston, Mass.
Seymour Paper Co., 540 Pearl St., New York.
Sugar River Paper Mill Co., Claremont, N. H.
Watson & McDaniel Co., 144 N. 7th St., Philadelphia, Pa.
Wauregan Paper Co., Holyoke, Mass.
Whiting Paper Co., 150 Duane St., New York.

D. LEDGER & RECORD PAPER.

Agawan Paper Co., Mittineague, Mass.
Benton Bros., East Lee, Mass.
Levi L. Brown Paper Co., Adams, Mass.
Carew Mfg. Co., South Hadley Falls, Mass.
Z. & W. M. Crane, Dalton, Mass.
Crane Bros., Westfield, Mass.
Geo. C. Gill Paper Co., Holyoke, Mass.
Hampshire Paper Co., South Hadley Falls, Mass.
Holyoke Paper Co., Holyoke, Mass.
Hurlbut Paper Mfg. Co., South Lee, Mass.
Keith Paper Co., Turner's Falls, Mass.
Mittineague Paper Co., Mittineague, Mass.
Mount Holly Paper Co., Mount Holly Springs, Pa.
Old Berkshire Mills Co., Dalton, Mass.
Parsons Paper Co., Holyoke, Mass.
Riverside Paper Co., Holyoke, Mass.
Southworth Co., Mittineague, Mass.
Springdale Paper Co., Springfield, Mass.
Valley Paper Co., Holyoke, Mass.
Byron Weston, Dalton, Mass.
Whiting Paper Co., Holyoke, Mass.
Woronoco Paper Co., Fairfield, Mass.
Worthy Paper Co., Mittineague, Mass.

E. LINEN PAPER.

Agawan Paper Co., Mittineague, Mass.
Beebe & Holbrook Co., Holyoke, Mass.
Levi L. Brown Paper Co., Adams, Mass.
Carew Mfg. Co., South Hadley Falls, Mass.
Z. & W. M. Crane, Dalton, Mass.
Crane Bros., Westfield, Mass.
Geo. C. Gill Paper Co., Holyoke, Mass.

Hampshire Paper Co., South Hadley Falls, Mass.
Holyoke Paper Co., Holyoke, Mass.
Geo. B. Hurd & Co., 425 Broome St., New York.
Hurlbut Paper Mfg. Co., South Lee, Mass.
Keith Paper Co., Turner's Falls, Mass.
Linden Paper Co., Holyoke, Mass.
Massasoit Paper Mfg. Co., Holyoke, Mass.
Parsons Paper Co., Holyoke, Mass.
Raynor & Martin Envelope Co., 115 William St., New York.
Riverside Paper Co., Holyoke, Mass.
Southworth Co., Mittineague, Mass.
Springdale Paper Co., Springfield, Mass.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
Valley Paper Co., Holyoke, Mass.
Whiting Paper Co., Holyoke, Mass.
Woronoco Paper Co., Fairfield, Mass.
Worthy Paper Co., Mittineague, Mass.

F. MANILLA WRITING PAPER.
Albemarle Paper Mfg. Co., Richmond, Va.
Chemical Paper Co., Holyoke, Mass.
Eastern Mfg. Co., Bangor, Me.
Ripley Mfg. Co., Unionville, Conn.
Jas. Symington & Co., Lancaster, Pa.
Tytus-Gardner Paper & Mfg. Co., Middletown, O.

G. PARCHMENT PAPER.
Agawan Paper Co., Mittineague, Mass.
Badger Paper Co., Kankanno, Wis.
Bardeen Paper Co., Otsego, Mich.
Levi L. Brown Paper Co., Adams, Mass.
Holyoke Paper Co., Holyoke, Mass.
Parsons Paper Co., Holyoke, Mass.
Paterson Parchment & Paper Co., Passaic, N. J.
Riverside Paper Co., Holyoke, Mass.
Southworth Co., Mittineague, Mass.
West Jersey Paper Mfg. Co., Camden, N. J.
Whiting Paper Co., Holyoke, Mass.

H. QUADRILLE PAPER.
Kingsland Paper Mills, 150 Nassau St., New York.

I. RULED & FOLDED PAPER.
Chatfield & Woods Co., Cincinnati, O.
Z. & W. M. Crane, Dalton, Mass.
Crane Bros., Westfield, Mass.
Fort Orange Pad Co., Castleton, N. Y.
Hampshire Paper Co., South Hadley Falls, Mass.
Holyoke Paper Co., Holyoke, Mass.
Geo. B. Hurd & Co., 425 Broome St., New York.
Hurlbut Paper Mfg. Co., South Lee, Mass.
Keith Paper Co., Turner's Falls, Mass.
Massasoit Paper Mfg. Co., Holyoke, Mass.
Mount Holly Paper Co., Mount Holly Springs, Pa.
Nonotuck Paper Co., Holyoke, Mass.
Raynor & Martin Envelope Co., 115 William St., New York.
Riverside Paper Co., Holyoke, Mass.
Southworth Co., Mittineague, Mass.
Valley Paper Co., Holyoke, Mass.
Whiting Paper Co., Holyoke, Mass.
Worthy Paper Co., Mittineague, Mass.

J. SERMON PAPER.
Holyoke Paper Co., Holyoke, Mass.
Morgan Envelope Co., Springfield, Mass.
Riverside Paper Co., Holyoke, Mass.

K. TUB-SIZED WRITING PAPER.
Agawan Paper Co., Mittineague, Mass.
Beebe & Holbrook Co., Holyoke, Mass.
Benton Bros., Lee, Mass.
Levi L. Brown Paper Co., Adams, Mass.
Carew Mfg. Co., South Hadley Falls, Mass.
Chapin & Gould, Springfield, Mass.
Chester Paper Co., Huntington, Mass.
Z. & W. M. Crane, Dalton, Mass.
Crane Bros., Westfield, Mass.
East Hartford Mfg. Co., Burnside, Conn.
Gilbert Paper Co., Menasha, Wis.
Hampshire Paper Co., South Hadley Falls, Mass.
Highland Paper Mills, Newburg, N. Y.
Holyoke Paper Co., Holyoke, Mass.
Geo. B. Hurd & Co., 425 Broome St., New York.
Hurlbut Paper Mfg. Co., South Lee, Mass.
Keith Paper Co., Turner's Falls, Mass.
Massasoit Paper Mfg. Co., Holyoke, Mass.
Mount Holly Paper Co., Mount Holly Springs, Pa.
Oakland Paper Co., Manchester, Conn.

Old Berkshire Mills Co., Dalton, Mass.
Parsons Paper Co., Holyoke, Mass.
Riverside Paper Co., Holyoke, Mass.
Valley Paper Co., Holyoke, Mass.
Wauregan Paper Co., Holyoke, Mass.
Whiting Paper Co., Holyoke, Mass.
Woronoco Paper Co., Fairfield, Mass.
Worthy Paper Co., Mittineague, Mass.

L. WRITING PAPER IN ROLLS.
Hurlbut Paper Mfg. Co., South Lee, Mass.
Nonotuck Paper Co., Holyoke, Mass.

XXXI. PIPE AND FITTINGS.

2565. AMMONIA FITTINGS.
Edward P. Allis Co., Milwaukee, Wis.

2566. BENDS, PIPE.
Albrights' Son & Co., Allentown, Pa.
Best, Fox & Co., Pittsburg, Pa.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
National Lead Co., 100 William St., New York.

A. BRASS BENDS.
Bay State Metal Works, Cambridgeport, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
Jas. H. McLain Co., Canton, O.
National Pipe Bending Co., New Haven, Conn.
Walworth Mfg. Co., Boston, Mass.
Western Brass Mfg. Co., St. Louis, Mo.

B. COPPER BENDS.
Bay State Metal Works, Cambridgeport, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
National Pipe Bending Co., New Haven, Conn.
Thomas Phillips Co., Providence, R. I.
Walworth Mfg. Co., Boston, Mass.

C. IRON BENDS.
Belknap Mfg. Co., Bridgeport, Conn.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
National Pipe Bending Co., New Haven, Conn.
Phila. Pipe Bending Works, Philadelphia, Pa.

D. LEAD BENDS.
E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
National Lead Co., 100 William St., New York.
James Robertson Mfg. Co., Baltimore, Md.

E. STEEL BENDS.
Belknap Mfg. Co., Bridgeport, Conn.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
National Pipe Bending Co., New Haven, Conn.

2567. BIBBS.

A. BRASS BIBBS.
Bay State Metal Works, Cambridgeport, Mass.
Landers, Frary & Clark, New Britain, Conn.
Jas. H. McLain Co., Canton, O.
Peck Bros. & Co., New Haven, Conn.

B. COMPRESSION BIBBS.
Bay State Metal Works, Cambridgeport, Mass.
Landers, Frary & Clark, New Britain, Conn.
Peck Bros. & Co., New Haven, Conn.

C. DOUBLE BATH BIBBS.
Bay State Metal Works, Cambridgeport, Mass.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
Peck Bros. & Co., New Haven, Conn.

D. HOSE BIBBS.
Bay State Metal Works, Cambridgeport, Mass.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Peck Bros. & Co., New Haven, Conn.

E. STEAM BIBBS.
Bay State Metal Works, Cambridgeport, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
McNab & Harlin Mfg. Co., 56 John St., New York.
Peck Bros. & Co., New Haven, Conn.

2568. BOILER CONNECTIONS.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
John Tregeser Steam Copper Wks., 447 W. 26th St., N. Y.

2569. BRASS GOODS, STEAM, GAS AND WATER.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Eaton, Cole & Burnham Co., 253 Broadway, New York.

A. A. Griffing Iron Co., 66 Centre St., New York.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Jas. H. McLain Co., Canton, O.
H. Mueller Mfg. Co., Decatur, Ill.
Peck Bros. & Co., New Haven, Conn.
William Powell Co., Cincinnati, O.

2570. BUSHINGS.

A. BRASS BUSHINGS.
Belknap Mfg. Co., Bridgeport, Conn.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.

B. ELECTRICAL BUSHINGS.
Holmes Fibre Graphite Mfg. Co., 29th & Bristol, Phila., Pa.

C. RAWHIDE BUSHINGS.
New Process Rawhide Co., Syracuse, N. Y.

D. TROLLEY WHEEL BUSHINGS.
Graphite Lubricating Co., Bound Brook, N. J. *28

2571. COCKS.

A. AIR COCKS.
Belknap Mfg. Co., Bridgeport, Conn.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
A. A. Griffing Iron Co., 66 Centre St., New York.
Haydenville Mfg. Co., 73 Beekman St., New York.
McNab & Harlin Mfg. Co., 56 John St., New York.
Peck Bros. & Co., New Haven, Conn.
Wm. Powell Co., Cincinnati, O.
Schäffer & Budenberg, 23 Bedford, Brooklyn, N. Y.
Herman Strater & Sons, Boston, Mass.

B. ALE & BEER COCKS.
Haydenville Mfg. Co., 73 Beekman St., New York.
Landers, Frary & Clark, New Britain, Conn.
Mayor, Lane & Co., 130 White St., New York.
McNab & Harlin Mfg. Co., 56 John St., New York.
Peck Bros. & Co., New Haven, Conn.

C. ANGLE COCKS.
Pratt & Cady Co., Hartford, Conn.

D. ASBESTOS PACKED COCKS.
Fairbanks Co., 311 Broadway, New York.
McNab & Harlin Mfg. Co., 56 John St., New York.
Pratt & Cady Co., Hartford, Conn.

E. BALL COCKS.
Bay State Metal Works, Cambridgeport, Mass.
Boston Brass Co., Boston, Mass.
Forest City Brass Works, Cleveland, O.
Peck Bros. & Co., New Haven, Conn.
Standard Mfg. Co., Pittsburg, Pa.

F. BAR COCKS.
Haydenville Mfg. Co., 73 Beekman St., New York.
Keenan Bros. Mfg. Co., 184 Washington St., Chicago, Ill.
Peck Bros. & Co., New Haven, Conn.
Herman Strater & Sons, Boston, Mass.

G. BASIN COCKS.
Bay State Metal Works, Cambridgeport, Mass.
Haydenville Mfg. Co., 73 Beekman St., New York.
Mayor, Lane & Co., 130 White St., New York.
Peck Bros. & Co., New Haven, Conn.
Standard Mfg. Co., Pittsburg, Pa.
Herman Strater & Sons, Boston, Mass.

H. BATH COCKS.
Bay State Metal Works, Cambridgeport, Mass.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Haydenville Mfg. Co., 73 Beekman St., New York.
McNab & Harlin Mfg. Co., 56 John St., New York.
Peck Bros. & Co., New Haven, Conn.

I. BOTTLERS' COCKS.
Haydenville Mfg. Co., 73 Beekman St., New York.
Landers, Frary & Clark, New Britain, Conn.
Herman Strater & Sons, Boston, Mass.

J BRASS COCKS.
Bay State Metal Works, Cambridgeport, Mass.
Edward Barr & Co., 78 John St., New York.
A. W. Cadman Mfg. Co., Pittsburg, Pa.
Detroit Brass Works, Detroit, Mich.
Eaton, Cole & Burnham, 253 Broadway, New York.
Frank Fowler, Louisville, Ky.
G. M. Gregory, 214 Front St., New York.
Haines, Jones & Cadbury Co., 1136 Ridge St., Phila., Pa.
Jarecki Mfg. Co., Erie, Pa.
Landers, Frary & Clark, New Britain, Conn.
Mansfield Mfg. Co., Ltd., Pittsburg, Pa.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
Mayor, Lane & Co., 130 White St., New York.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
A. Y. McDonald & Marrisan Mfg. Co., Dubuque, Iowa.
Jas. H. McLain Co., Canton, O.
McNab & Harlin Mfg. Co., 56 John St., New York.
H. Mueller Mfg. Co., Decatur, Ill.
Peck Bros. & Co., New Haven, Conn.
J. Regester & Sons, Baltimore, Md.

	E. Stebbins Mfg. Co., Brightwood, Mass.
K. CHECK COCKS.	H. Mueller Mfg. Co., Decatur, Ill.
L. CISTERN COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
M. COMPRESSION COCKS.	Bay State Metal Works, Cambridgeport, Mass.
	Belknap Mfg. Co., Bridgeport, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	Mayor, Lane & Co., 130 White St., New York.
	Peck Bros. & Co., New Haven, Conn.
N. CONNECTING COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
O. COOLER COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	Landers, Frary & Clark, New Britain, Conn.
	Peck Bros. & Co., New Haven, Conn.
P. CORPORATION STOPS.	Bay State Metal Works, Cambridgeport, Mass.
	Crane Co., 10 N. Jefferson St., Chicago, Ill.
	Mueller Mfg. Co., Decatur, Ill.
	Peck Bros. & Co., New Haven, Conn.
	E. Stebbins Mfg. Co., Brightwood, Mass.
Q. COUNTER COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
R. CYLINDER COCKS.	Belknap Mfg. Co., Bridgeport, Conn.
	Eaton, Cole & Burnham Co., 253 Broadway, New York.
	Lidgerwood Mfg. Co., 96 Liberty St., New York.
S. GAS COCKS.	Belknap Mfg. Co., Bridgeport, Conn.
	Crane Co., 10 N. Jefferson St., Chicago, Ill.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	A. S. Heim & Co., New Haven, Conn.
	McNab & Harlin Mfg. Co., 56 John St., New York.
	Mitchell-Vance Co., 836 Broadway, New York.
	National Meter Co., 84 Chambers St., New York.
	Peck Bros. & Co., New Haven, Conn.
T. GAUGE COCKS.	Belknap Mfg. Co., Bridgeport, Conn.
	James Bonar & Co., Pittsburg, Pa.
	Crane Co., 10 N. Jefferson St., Chicago, Ill.
	Crosby Steam Gage & Valve Co., Boston, Mass. *6
	Jenkins Bros., 71 John St., New York.
	John H. McGowan Co., Cincinnati, O.
	Michigan Lubricator Co., Detroit, Mich.
	Peck Bros. & Co., New Haven, Conn.
	Wm. Powell Co., Cincinnati, O.
	Sherwood Mfg. Co., Buffalo, N. Y.
U. GLOBE COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	A. Y. McDonald & Marrisan Mfg. Co., Dubuque, Iowa.
	Peck Bros. & Co., New Haven, Conn.
V. HOPPER COCK GUIDES.	H. Mueller Mfg. Co., Decatur, Ill.
W. HOPPER COCKS.	H. Mueller Mfg. Co., Decatur, Ill.
X. HOSE COCKS.	Bay State Metal Works, Cambridgeport, Mass.
	A. Y. McDonald & Marrisan Mfg. Co., Dubuque, Iowa.
	Peck Bros. & Co., New Haven, Conn.
	Springfield Brass Co., Springfield, O.
Y. HYDRANT COCKS.	Crane Co., 10 N. Jefferson St., Chicago, Ill.
	H. Mueller Mfg. Co., Decatur, Ill.
Z. IRON COCKS.	H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
	Eaton, Cole & Burnham Co., 253 Broadway, New York.
	Haydenville Mfg. Co., 73 Beekman St., New York.
AA. LAMP POST COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
BB. LIQUOR COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	Mayor, Lane & Co., 130 White St., New York.
	Peck Bros. & Co., New Haven, Conn.
CC. LOCK COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
DD. METER COCKS.	Belknap Mfg. Co., Bridgeport, Conn.
	Eaton, Cole & Burnham Co., 253 Broadway, New York.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
EE. MILK CAN COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
FF. PETROLEUM COCKS.	Belknap Mfg. Co., Bridgeport, Conn.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
GG. RACKING COCKS.	Peck Bros. & Co., New Haven, Conn.
HH. SELF-CLOSING COCKS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
	E. Stebbins Mfg. Co., Brightwood, Mass.
II. STEAM COCKS.	Belknap Mfg. Co., Bridgeport, Conn.
	Best, Fox & Co., Pittsburg, Pa.

	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Crosby Steam Gauge & Valve Co., Boston, Mass.	*6
	Eaton, Cole & Burnham Co., 253 Broadway, New York.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	McNab & Harlin Mfg. Co., 56 John St., New York.	
	Peck Bros. & Co., New Haven, Conn.	
	Wm. Powell Co., Cincinnati, O.	
JJ. STOP COCK FRAMES.	Thomas Carlin's Sons, Allegheny, Pa.	
KK. STOP COCKS.	Bay State Metal Works, Cambridgeport, Mass.	
	Belknap Mfg. Co., Bridgeport, Conn.	
	Crosby Steam Gauge & Valve Co., Boston, Mass.	*6
	Eaton, Cole & Burnham Co., 253 Broadway, New York.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	A. Y. McDonald Mfg. Co., Dubuque, Iowa.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	Ohio Brass & Iron Mfg. Co., Cleveland, O.	
	Peck Bros. & Co., New Haven, Conn.	
	Pratt & Cady Co., Hartford, Conn.	
LL. STOP PLANKS.	Coffin Valve Co., Neponset, Mass.	
MM. UNION COCKS.	Bay State Metal Works, Cambridgeport, Mass.	
	Belknap Mfg. Co., Bridgeport, Conn.	
	Peck Bros. & Co., New Haven, Conn.	
NN. URN COCKS.	Bay State Metal Works, Cambridgeport, Mass.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	Landers, Frary & Clark, New Britain, Conn.	
	Peck Bros. & Co., New Haven, Conn.	
OO. VALVE & PLUG COCKS.	C. F. Hall, Son & Co., Skaneateles, N. Y.	
PP. WASTE COCKS.	Bay State Metal Works, Cambridgeport, Mass.	
	Belknap Mfg. Co., Bridgeport, Conn.	
	Eaton, Cole & Burnham Co., 253 Broadway, New York.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	Ohio Brass & Iron Mfg. Co., Cleveland, O.	
	Peck Bros. & Co., New Haven, Conn.	
QQ. WATER COCKS.	Bay State Metal Works, Cambridgeport, Mass.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	A. Y. McDonald & Marrisan Mfg. Co., Dubuque, Iowa.	
	McNab & Harlin Mfg. Co., Paterson, N. J.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	Peck Bros. & Co., New Haven, Conn.	
RR WATER WORKS STOPS, ROUGH.	Bay State Metal Works, Cambridgeport, Mass.	
	Brass & Iron Works Co., Fostoria, O.	
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	E. Stebbins Mfg. Co., Brightwood, Mass.	
2572. COILS, PIPE.	Albrights' Son & Co., Allentown, Pa.	
	Best, Fox & Co., Pittsburg, Pa.	
	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
	National Pipe Bending Co., New Haven, Conn.	
A. AMMONIA EXPANSION COILS.	Edward P. Allis Co., Milwaukee, Wis.	
B. BRASS COILS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
	National Pipe Bending Co., New Haven, Conn.	
	Thomas Phillips Co., Providence, R. I.	
	Whitlock Coil Pipe Co., Elmwood, Conn.	*30
C. BROME COILS.	Whitlock Coil Pipe Co., Elmwood, Conn.	*30
D. BRONZE COILS.	Whitlock Coil Pipe Co., Elmwood, Conn.	*30
E. COIL COUPLING MANIFOLDS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
F. COMPOUND COILS.	Whitlock Coil Pipe Co., Elmwood, Conn.	*30
G. COPPER COILS.	Bay State Metal Works, Cambridgeport, Mass.	
	Fort Scott Foundry & Machine Co., Fort Scott, Kan.	
	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
	National Pipe Bending Co., New Haven, Conn.	
	Thomas Phillips Co., Providence, R. I.	
	Juan G. Ribon, Jersey City, N. J.	
	Whitlock Coil Pipe Co., Elmwood, Conn.	*30
H. ICE MACHINE COILS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
	National Pipe Bending Co., New Haven, Conn.	
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.	
I. IRON COILS.	Dickson Mfg. Co., Scranton, Pa.	
	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
	National Pipe Bending Co., New Haven, Conn.	
	Phila. Pipe Bending Wks., Rising Sun Lane, Phila., Pa.	
J. REFRIGERATING MACHINE COILS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
	National Pipe Bending Co., New Haven, Conn.	
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.	

K. SILVER COILS.	Whitlock Coil Pipe Co., Elmwood, Conn.	*30
L. STEEL COILS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.	
	National Pipe Bending Co., New Haven, Conn.	
	Whitlock Coil Pipe Co., Elmwood, Conn.	*30
2573. COUPLINGS, PIPE.	Belknap Mfg. Co., Bridgeport, Conn.	
	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	Herman Strater & Sons, Boston, Mass.	
A. AUTOMATIC PIPE COUPLINGS.	H. Mueller Mfg. Co., Decatur, Ill.	
2574. ELBOWS, PIPE.	Dickson Mfg. Co., Scranton, Pa.	
	Marshallton Iron & Steel Co., Marshallton, Del.	
	Murray Kerr Mfg. Co., Fort Wayne, Ind.	
	Wheeling Corrugating Co., Wheeling, W. Va.	
A. BRASS ELBOWS.	Belknap Mfg. Co., Bridgeport, Conn.	
B. GALVANIZED IRON ELBOWS.	Lamb & Ritchie, Cambridgeport, Mass.	
C. TIN ELBOWS.	Paterson Heater Pipe Co., Paterson, N. J.	
2575. EXHAUST PIPE HEADS.		
	Abendroth & Root Mfg. Co., 28 Cliff St., New York.	
	A. A. Griffing Iron Co., 66 Centre St., New York.	
	Kensington Engine Works, Ltd., 704 Arch St., Phila., Pa.	
	Jas. L. Robertson & Sons, 204 Fulton St., New York.	
	Jos. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.	
	Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.	
2576. EXPANSION JOINTS.	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Coffin Valve Co., Neponset, Mass.	
	Dickson Mfg. Co., Scranton, Pa.	
	McNab & Harlin Mfg. Co., 56 John St., New York.	
2577. FLANGES, PRESSED.	Riter-Conly Co., Pittsburg, Pa.	
2578. FLUES, BOILER.	Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.	
	Murray Iron Works Co., Burlington, Iowa.	
A. CORRUGATED BOILER FLUES.	Continental Iron Works, Calyer & West Sts., B'klyn, N. Y.	
2579. GOOSE NECKS.	H. Mueller Mfg. Co., Decatur, Ill.	
2580. HIGH PRESSURE FITTINGS.		
	Watson-Stillman Co., 210 E. 43d St., New York.	
2581. HYDRANTS.	Bailey, Farrell & Co., Pittsburg, Pa.	
	Cahill, Swift & Co., St. Louis, Mo.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Columbiana Pump & Machine Co., Columbiana, O.	
	Cunningham Iron Co., Boston, Mass.	
	Fairbanks Co., 311 Broadway, New York.	
	Flint & Walling Mfg. Co., Kendallville, Ind.	
	Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.	
	Goulds Mfg. Co., Seneca Falls, N. Y.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.	
	H. Mueller Mfg. Co., Decatur, Ill.	
	Pratt & Cady Co., Hartford, Conn.	
	Rumsey & Co., Ltd., Seneca Falls, N. Y.	
	United States Wind Engine & Pump Co., Batavia, Ill.	
	Walworth Mfg. Co., Boston, Mass.	
A. FIRE HYDRANTS.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Coffin Valve Co., Neponset, Mass.	
	Dean Bros. Steam Pump Works, Indianapolis, Ind.	
	Eddy Valve Co., Waterford, N. Y.	
	J. O. Frost's Sons Mfg. Co., Tawanda, Pa.	
	W. T. Garrett & Co., San Francisco, Cal.	
	Glamorgan Pipe & Foundry Co., Lynchburg, Va.	
	Jonson Engineering & Foundry Co., 541 E. 118th St., N. Y.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Ludlow Valve Mfg. Co., Troy, N. Y.	
	N. O. Nelson Mfg. Co., St. Louis, Mo.	
	Norwood Engineering Co., Florence, Mass.	
	Progressive Iron Wks., 255 Greenpoint Av., Brooklyn, N. Y.	
	Reading Foundry Co., Ltd., Reading, Pa.	
	Rensselaer Mfg. Co., Troy, N. Y.	
	Roe Stephens Mfg. Co., Detroit, Mich.	
	Tamaqua Mfg. Co., Tamaqua, Pa.	
	J. Thompson & Co., Van Horn & Sophia Sts., Phila., Pa.	
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.	
B. HYDRANT CLAMPS.	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.	
C. HYDRANT POSTS.	C. G. Blatchley, Swanson & McKean Sts., Phila., Pa.	

D. WATER WORKS HYDRANTS.
Edward Barr Co., 78 John St., New York.
Kennedy Valve Mfg. Co., 75 John St., New York.
Mohawk & Hudson Mfg. Co., Waterford, N. Y.

E. WATER WORKS INTAKE PIPES.
Coffin Valve Co., Neponset, Mass.

F. YARD HYDRANTS.
W. & B. Douglas, Middletown, Conn.
Flint & Walling Mfg. Co., Kendallville, Ind.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Ludlow Valve Mfg. Co., Troy, N. Y.
N. O. Nelson Mfg. Co., St. Louis, Mo.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Tamaqua Mfg. Co., Tamaqua, Pa.

2582. PIPE.

A. AMMONIA PIPE.
Vilter Mfg. Co., Milwaukee, Wis.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

B. BLAST PIPE.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Albrights' Son & Co., Allentown, Pa.
Dickson Mfg. Co., Scranton, Pa.
Sharon Boiler Works, Ltd., Sharon, Pa.

C. BLOCK TIN PIPE.
Colwell Lead Co., 63 Centre St., New York.
National Lead Co., 100 William St., New York.
James Robertson Mfg. Co., Baltimore, Md.
Selby Smelting & Lead Co., San Francisco, Cal.

D. BRASS PIPE.
Bridgeport Brass Co., Bridgeport, Conn.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Frank Fowler, Louisville, Ky.
W. T. Garrett & Co., Inc., San Francisco, Cal.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Ohio Brass & Iron Mfg. Co., 1199 Franklin Av., Cleve., O.
Pittsburg Brass Co., Pittsburg, Pa.
Pittsburg Lamp & Brass Co., ft. of Locust St., Allegheny, Pa.

E. BRINE PIPING.
Vilter Mfg. Co., Milwaukee, Wis.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

F. CAST IRON PIPE, GAS, STEAM & WATER.
Addyston Pipe & Steel Co., Cincinnati, O.
American Pipe Mfg. Co., 204 Fidelity Bldg., Phila., Pa.
American Tube & Iron Co., Middletown, Pa.
Bridgeport Boiler Works, Bridgeport, Conn.
Buffalo Cast Iron Pipe Co., Buffalo, N. Y.
Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.
Dalrymple Iron Works, Fair Haven, Vt.
Davis & Farnum Mfg. Co., Inc., Waltham, Mass.
Detroit Pipe & Foundry Co., Detroit, Mich.
Dickson Mfg. Co., Scranton, Pa.
Donaldson Iron Co., Emaus, Pa.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Joshua Hendy Machine Works, San Francisco, Cal.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Jackson & Woodin Mfg. Co., Berwick, Pa.
Lake Shore Foundry Co., Cleveland, O.
James Leffel & Co., Springfield, O.
Livermore Foundry & Machine Co., Memphis, Tenn.
McNeal Pipe & Foundry Co., Burlington, N. J.
Michigan Pipe Co., Bay City, Mich.
Murray Iron Works Co., Burlington, Iowa.
Murray Kerr Mfg. Co., Fort Wayne, Ind.
National Foundry & Pipe Works, Ltd., Scottdale, Pa.
National Tube Works Co., Boston, Mass.
Nelsonville Foundry & Machine Co., Nelsonville, O.
Ohio Pipe Co., Columbus, O.
Reading Foundry Co., Ltd., Reading, Pa.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Riter-Conly Co., Pittsburg, Pa.
Ryan-McDonald Mfg. Co., Baltimore, Md.
Shickle, Harrison & Howard Iron Co., St. Louis, Mo.
J. Thompson & Co., Van Horn & Sophia Sts., Phila., Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
Warren Foundry & Machine Co., Phillipsburg, N. J.
R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
Woodin & Little, San Francisco, Cal.

G. COMPOSITION WATER PIPE.
Lamb & Ritchie, Cambridgeport, Mass.

H. COPPER PIPE.
Muskegon Chemical Fire Engine Co., Muskegon, Mich.
National Pipe Bending Co., New Haven, Conn.
Taunton Copper Mfg. Co., Taunton, Mass.

I. CROWN PIPE.	Belknap Mfg. Co., Bridgeport, Conn.
J. CULVERT PIPE, CAST IRON.	American Pipe & Foundry Co., Chattanooga, Tenn.
	Buffalo Cast Iron Pipe Co., Buffalo, N. Y.
	Detroit Pipe & Foundry Co., Detroit, Mich.
	Donaldson Iron Co., Emaus, Pa.
	Lake Shore Foundry Co., Cleveland, O.
	John Lyth & Sons, Buffalo, N. Y.
	National Foundry & Pipe Works, Ltd., Scottdale, Pa.
	Ohio Tube Co., Warren, O.
	Warren Foundry & Machine Co., Phillipsburg, N. J.
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.
K. DISTILLERS' PIPE.	Michigan Pipe Co., Bay City, Mich.
L. DOUBLE WALL PIPE.	Paterson Heater Pipe Co., 238 Straight St., Paterson, N. J.
M. DRIVE WELL PIPE.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	American Tube & Iron Co., Middletown, Pa.
	Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.
	National Tube Works Co., 26 Cortlandt St., New York.
N. ENAMELLED PIPE.	Cunningham Iron Co., 29 Water St., Boston, Mass.
	Standard Mfg. Co., Pittsburg, Pa.
O. FLANGE PIPE.	Addyston Pipe & Steel Co., Cincinnati, O.
	American Tube & Iron Co., Middletown, Pa.
	Davis & Farmer Mfg. Co., Waltham, Mass.
	Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
	McNeal Pipe & Foundry Co., Burlington, N. J.
	National Foundry & Pipe Works, Ltd., Scottdale, Pa.
	Ohio Pipe Co., Columbus, O.
	Warren Foundry & Machine Co., Phillipsburg, N. J.
P. FLEXIBLE JOINT PIPE.	McNeal Pipe & Foundry Co., Burlington, N. J.
Q. FLUE PIPE.	Cincinnati Sewer Pipe Co., Elm & Water Sts., Cincinnati, O.
R. FLUME WORK PIPE.	S. Morgan Smith Co., York, Pa.
S. GALVANIZED IRON PIPE.	Abendroth & Root Mfg. Co., 28 Cliff St., New York.
	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	American Tube & Iron Co., Middletown, Pa.
	Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
	Boston Blower Co., Hyde Park, Mass.
	Cunningham Iron Co., 29 Water St., Boston, Mass.
	Delaware Iron Co., 222 S. 3d St., Philadelphia, Pa.
	Garry Iron & Steel Roofing Co., Cleveland, O.
	Pennsylvania Tube Works, Inc., Pittsburg, Pa.
T. HOT AIR FURNACE PIPE.	Carton Furnace Co., Utica, N. Y.
	International Heater Co., Utica, N. Y.
	Paterson Heater Pipe Co., 238 Straight St., Paterson, N. J.
U. LEAD PIPE.	American Shot & Lead Co., 84 Vanburen St., Chicago, Ill.
	E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
	Boston Lead Mfg. Co., 162 Congress St., Boston, Mass.
	Chadwick Lead Works, 176 High St., Boston, Mass.
	Colwell Lead Co., 63 Centre St., New York.
	Detroit Lead Pipe & Sheet Lead Works, Detroit, Mich.
	Mayor, Lane & Co., 130 White St., New York.
	National Lead Co., 100 William St., New York.
	N. O. Nelson Mfg. Co., 8th & Charles Sts., St. Louis, Mo.
	Thomas Phillips Co., Providence, R. I.
	Pueblo Smelting & Refining Co., Pueblo, Col.
	Reading Iron Co., Reading, Pa.
	James Robertson Mfg. Co., Baltimore, Md.
	Standard Mfg. Co., Pittsburg, Pa.
	Tatham & Bros., 226 S. 5th St., Philadelphia, Pa.
V. LEAD PIPE, TIN LINED.	E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
	Boston Lead Mfg. Co., 162 Congress St., Boston, Mass.
	Chadwick Lead Co., Boston, Mass.
	Colwell Lead Co., 63 Centre St., New York.
	National Lead Co., 100 William St., New York.
	Raymond Lead Co., 51 W. Lake St., Chicago, Ill.
	E. Van Noorden & Co., Boston, Mass.
W. OIL LINE PIPE.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	American Tube & Iron Co., Middletown, Pa.
	A. M. Byers & Co., Pittsburg, Pa.
	Delaware Iron Co., 222 S. 3d St., Philadelphia, Pa.
	National Tube Works Co., 26 Cortlandt St., New York.
	Pennsylvania Tube Works, Inc., Pittsburg, Pa.
	Reading Iron Co., Reading, Pa.
X. PUNCHED & FORMED PIPE.	Abendroth & Root Mfg. Co., 28 Cliff St., New York.
Y. RIVETED PIPE, IRON.	Wm. B. Pollock & Co., Youngstown, O.
	Riter-Conly Co., Pittsburg, Pa.
	Francis Smith & Co., San Francisco, Cal.
	Wolff & Zwicker Iron Works, Portland, Ore.

York Mfg. Co., York, Pa.

Z. SHEET IRON PIPE.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.

AA. SHEET METAL PIPE, GROOVED SEAM.
W. J. Clark Co., Salem, O.

BB. SOIL PIPE, IRON.
Abendroth Bros., 109 Beekman St., New York.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
J. Regester & Sons, Baltimore, Md.
Standard Mfg. Co., Pittsburg, Pa.

CC. SOIL PIPE, PORCELAIN LINED.
Standard Mfg. Co., Pittsburg, Pa.

DD. SPIRAL RIVETED PIPE.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.

EE. STEEL PIPE.
Abendroth & Root Mfg. Co., 28 Cliff St., New York.
American Tube & Iron Co., Middletown, Pa.
Thomas Carlin's Sons, Allegheny, Pa.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Raymond Lead Co., 51 W. Lake St., Chicago, Ill.
Riverside Iron Works, Inc., Wheeling, W. Va.
Samuel Smith & Son, Paterson, N. J.

FF. STREET DRIPS.
Murray Kerr Mfg. Co., Fort Wayne, Ind.

GG. TAN LIQUOR PIPE.
Michigan Pipe Co., Bay City, Mich.
A. Wyckoff & Son, Elmira, N. Y.

HH. TIN PIPE.
Bailey, Farrell & Co., Pittsburg, Pa.
Boston Lead Mfg. Co., 162 Congress St., Boston, Mass.
Chadwick Lead Works, 176 High St., Boston, Mass.
International Heater Co., Utica, N. Y.

II. WELL PIPE.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
Pierce Mfg. Co., Bridgeport, Conn.
Racine Cement & Pipe Co., Racine, Wis.

JJ. WOODEN WATER PIPE.
C. G. Blatchley, Swanson & McKean Sts., Philadelphia, Pa.
Harvey L. Childs & Co., Pittsburg, Pa.
Howard & Jennings, Syracuse, N. Y.
Michigan Pipe Co., Bay City, Mich.
Williamsport Wooden Pipe Co., Williamsport, Pa.
A. Wyckoff & Son, Elmira, N. Y.

KK. WROUGHT IRON PIPE, STEAM, GAS & WATER.
Albright, Son & Co., Allentown, Pa.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
American Pipe Mfg. Co., 204 Fidelity Bldg., Phila., Pa.
American Tube & Iron Co., Middletown, Pa.
A. M. Byers & Co., Pittsburg, Pa.
Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.
Cohoes Tube Works, Troy, N. Y.
Crane & Churchill Co., Omaha, Neb.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Duquesne Tube Works Co., Pittsburg, Pa.
Longmead Iron Co., 434 Drexel Bldg., Philadelphia, Pa.
Morris, Tasker & Co., 222 S. 3d St., Philadelphia, Pa.
National Tube Works Co., McKeesport, Pa.
Oil City Tube Co., Oil City, Pa.
Pennsylvania Tube Works, Inc., Pittsburg, Pa.
Pittsburg Tube Co., Pittsburg, Pa.
Reading Iron Co., Reading, Pa.
Riverside Iron Works, Inc., Wheeling, W. Va.
Syracuse Tube Co., Syracuse, N. Y.
Tyler Tube & Pipe Co., Washington, Pa.

2583. PIPE FITTINGS, AMMONIA.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

2584. PIPE FITTINGS, STEAM, GAS & WATER.
Bailey, Farrell & Co., Pittsburg, Pa.
H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Best, Fox & Co., Pittsburg, Pa.
Brass & Iron Works Co., Fostoria, O.
Cox & Sons Co., 215 Race St., Philadelphia, Pa.
Crane, Churchill Co., Omaha, Neb.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Cunningham Iron Co., Boston, Mass.
John Davis Co., 69 Michigan St., Chicago, Ill.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Stanley G. Flagg Co., N. 19th St. & Penn. Av., Phila., Pa.
General Fire Extinguisher Co., Providence, R. I.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Haydenville Mfg. Co., 73 Beekman St., New York.
Jarecki Mfg. Co., Erie, Pa.

E. Keeler Co., Williamsport, Pa.
Kennedy Valve Mfg. Co., 75 John St., New York.
Livermore Foundry & Machine Co., Memphis, Tenn.
John H. McGowan Co., 58 Central Av., Cincinnati, O.
Michigan Pipe Co., Bay City, Mich.
Moran Flexible Steam Joint Co., Louisville, Ky.
Murray Iron Works Co., Burlington, Iowa.
N. O. Nelson Mfg. Co., 8th & Charles Sts., St. Louis, Mo.
Novelty Iron Works, Sterling, Ill.
Peck Bros. & Co., New Haven, Conn.
Pelton Water Wheel Co., San Francisco, Cal.
Racine Hardware Co., Racine, Wis.
Walworth Mfg. Co., Boston, Mass.
Wilson, Snyder Mfg. Co., Pittsburg, Pa.

A. BRASS PIPE FITTINGS.
Bay State Metal Works, Cambridgeport, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Darling Pump & Mfg. Co., Williamsport, Pa.
General Fire Extinguisher Co., Providence, R. I.
Jarecki Mfg. Co., Erie, Pa.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
Jas. H. McLain Co., Canton, O.
H. Mueller Mfg. Co., Decatur, Ill.
Peck Bros. & Co., New Haven, Conn.
Wm. Powell Co., Cincinnati, O.
Racine Hardware Co., Racine, Wis.
Springfield Brass Co., Springfield, O.
Woodin & Little, San Francisco, Cal.

B. CAST IRON PIPE FITTINGS.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
American Tube & Iron Co., Middletown, Pa.
Edward Barr Co., 78 John St., New York.
Belknap Mfg. Co., Bridgeport, Conn.
Best, Fox & Co., Pittsburg, Pa.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
John Davis Co., 69 Michigan St., Chicago, Ill.
W. T. Garratt & Co., Inc., San Francisco, Cal.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa.
Morris, Tasker & Co., 222 S. 3d St., Philadelphia, Pa.
J. L. Mott Iron Works, 90 Beekman St., New York.
National Foundry & Pipe Works, Ltd., Scottdale, Pa.
Owen & Salter, Philadelphia, Pa.
Henry B. Pancoast & Co., 243 S. 3d St., Philadelphia, Pa.
Standard Mfg. Co., Pittsburg, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walworth Mfg. Co., Boston, Mass.

C. DRAIN PIPE FITTINGS.
American Tube & Iron Co., Middletown, Pa.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
J. L. Mott Iron Works, 90 Beekman St., New York.
Pacific Clay Mfg. Co., Los Angeles, Cal.

D. EXHAUST MUFFLERS.
Moran Flexible Steam Joint Co., Louisville, Ky.
George L. Roberts & Bros., 471 4th Av., New York.

E. HYDRAULIC FITTINGS.
Watson-Stillman Co., 204 E. 43d St., New York.

F. MALLEABLE IRON PIPE FITTINGS.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
Edward Barr Co., 78 John St., New York.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Thos. Devlin & Co., Lehigh Av. & N. 3d St., Phila., Pa.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Stanley G. Flagg & Co., N. 19th St. & Penn. Av., Phila., Pa.
General Fire Extinguisher Co., Providence, R. I.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa.
Malleable Iron Fittings Co., Branford, Conn.
J. L. Mott Iron Works, 90 Beekman St., New York.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

G. SOIL PIPE FITTINGS.
American Tube & Iron Co., Middletown, Pa.
J. L. Mott Iron Works, 90 Beekman St., New York.
National Tube Works Co., Boston, Mass.
Pacific Clay Mfg. Co., Los Angeles, Cal.
Shelby Steel Tube Co., Shelby, O.
Standard Mfg. Co., Pittsburg, Pa.

H. SUCTION TEES.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Watson & McDaniels, 144 N. 7th St., Philadelphia, Pa.

I. WROUGHT IRON PIPE FITTINGS.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
American Tube & Iron Co., Middletown, Pa.
General Fire Extinguisher Co., Providence, R. I.

Morris, Tasker & Co., 222 S. 3d St., Philadelphia, Pa.
J. L. Mott Iron Works, 90 Beekman St., New York.
National Tube Works Co., Boston, Mass.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

2585. PIPE HANGERS.
A. A. Griffing Iron Co., 66 Centre St., New York.
Hayes Pump & Planter Co., Galva, Ill.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Iwan Bros., Streator, Ill.
Reed Mfg. Co., Erie, Pa.

2586. PIPE HOOK PLATES.
Avery Stamping Co., Cleveland, O.

2587. PIPE SADDLES.
Best, Fox & Co., Pittsburg, Pa.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Reed Mfg. Co., Erie, Pa.

2588. PUMP CONNECTIONS.
Shickle, Harrison & Howard Iron Co., St. Louis, Mo.

2589. SERVICE BOXES, GAS & WATER.
American Radiator Co., Lake & Dearborn Sts., Chicago, Ill.
Coffin Valve Co., Neponset, Mass.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.

2590. SERVICE CLAMPS.
H. Mueller Mfg. Co., Decatur, Ill.

2591. SPRINKLERS.
Empire Rubber Mfg. Co., 58 Reade St., New York.
Granger Foundry & Machine Co., Providence, R. I.
Hersey Mfg. Co., South Boston, Mass.
Lee Injector Mfg. Co., 103 Abbott St., Detroit, Mich. *5

A. GARDEN & LAWN SPRINKLERS.
B. F. Goodrich Co., Akron, O.
Haydenville Mfg. Co., 73 Beekman St., New York.
Hersey Mfg. Co., South Boston, Mass.
King & Knight, 31 Wendell St., Boston, Mass.
McNab & Harlin Mfg. Co., Paterson, N. J.
Mattson Rubber Co., 11 Broadway, New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Peck Bros. & Co., New Haven, Conn.
Phila. Lawn Mower Co., 3107 Chestnut St., Philadelphia, Pa.
Pullman Sash Balance Co., Rochester, N. Y.
E. Stebbins Mfg. Co., Brightwood, Mass.
Union Mfg. Co., New Britain, Conn.

B. STREET SPRINKLERS.
Abbott-Downing Co., Concord, N. H.
F. C. Austin Mfg. Co., Harvey, Ill.

C. STREET WASHERS.
Columbiana Pump & Machine Co., Columbiana, O.
Haydenville Mfg. Co., 73 Beekman St., New York.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Ludlow Valve Mfg. Co., Troy, N. Y.
N. O. Nelson Mfg. Co., St. Louis, Mo.

2592. STAND PIPES.
Birmingham Boiler Works, Birmingham, Conn.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Gillette & Herzog Mfg. Co., Minneapolis, Minn.
E. Hodge & Co., 160 Liverpool St., East Boston, Mass.
Lombard Iron Works & Supply Co., Augusta, Ga.
Marshall Bros., Pittsburg, Pa.
R. Munroe & Son, Pittsburg, Pa.
A. K. Rarig Engineering & Equipment Co., Columbus, O.
Riter-Conley Co., Pittsburg, Pa.
Ryan-McDonald Mfg. Co., 44 South St., Baltimore, Md.
Scannell & Wholey, Lowell, Mass.
Sharon Boiler Works, Ltd., Sharon, Pa.
Shickle, Harrison & Howard Iron Co., St. Louis, Mo.
Struthers, Wells & Co., Warren, Pa.
York Mfg. Co., York, Pa.

A. RAILWAY STAND PIPES.
Birmingham Boiler Works, Birmingham, Ala.
King Bridge Co., Cleveland, O.
John N. Poage, Court & Harriet Sts., Cincinnati, O.
Sheffield Car Co., Three Rivers, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Webber & Philbrick, Waterville, Me.

2593. SUCTION FITTINGS.
Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.

2594. TUBES.

A. ALUMINUM TUBING.
Ellwood Ivins Tube Co., Oak Lane, Philadelphia, Pa.
A. T. Wall & Co., Providence, R. I.

B. BOILER TUBES.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Tube & Iron Co., Middletown, Pa.
Chas. H. Besly & Co., 10 N. Canal St., Chicago, Ill.
A. M. Byers & Co., Pittsburg, Pa.
Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.

	Crane, Churchill Co., Omaha, Neb.
	Duquesne Tube Works Co., Pittsburg, Pa.
	Erie City Iron Works, Erie, Pa.
	U. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
	Morris, Tasker & Co., 224 S. 3d St., Philadelphia, Pa.
	National Tube Works Co., 70 Federal St., Boston, Mass.
	Oil City Tube Co., Oil City, Pa.
	Pennsylvania Tube Works, Pittsburg, Pa.
	Pittsburg Tube Co., Pittsburg, Pa.
	Wm. B. Pollock & Co., Youngstown, O.
	Pope Tube Co., Hamilton St., Hartford, Conn.
	Reading Iron Co., Reading, Pa.
	Riverside Iron Works, Inc., Wheeling, W. Va.
	John Simmons Co., 108 Centre St., New York.
	Spang, Chalfant & Co., Pittsburg, Pa.
	Syracuse Tube Co., Syracuse, N. Y.
	Tyler Tube & Pipe Co., Washington, Pa.
	Walworth Mfg. Co., 16 Oliver St., Boston, Mass.
C. BOILER TUBES, BUTT WELDED.	Allison Mfg. Co., Philadelphia, Pa.
	American Tube & Iron Co., Middletown, Pa.
D. BOILER TUBES, LAP WELDED.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	Reading Iron Co., Reading, Pa.
E. BOILER TUBES, LOCOMOTIVE.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	American Tube & Iron Co., Middletown, Pa.
	National Tube Works Co., Boston, Mass.
F. BRASS TUBES.	American Tube Works, 137 Milk St., Boston, Mass.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Bridgeport Brass Co., Bridgeport, Conn.
	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	Ellwood Ivins Tube Co., Oak Lane, Philadelphia, Pa.
	E. D. Griggs, 61 Duane St., New York.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	Manhattan Brass Co., 338 E. 28th St., New York.
	McNab & Harlin Mfg. Co., Paterson, N. J.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Randolph & Clowes, Waterbury, Conn.
	Rome Brass & Copper Co., Rome, N. Y.
	Scovill Mfg. Co., Waterbury, Conn.
	Seymour Mfg. Co., Seymour, Conn.
	Waterbury Brass Co., Waterbury, Conn.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
G. BRASS TUBES, LOCKED SEAMED.	Bridgeport Brass Co., Bridgeport, Conn.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
H. BRASS TUBES, SEAMLESS.	American Tube Works, Boston, Mass.
	Ansonia Brass & Copper Co., Ansonia, Conn.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Bridgeport Brass Co., Bridgeport, Conn.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	U. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
I. BRONZE TUBES.	Ansonia Brass & Copper Co., Ansonia, Conn.
	Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Randolph & Clowes, Waterbury, Conn.
J. COPPER TUBES.	American Tube Works, Boston, Mass.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Bridgeport Brass Co., Bridgeport, Conn.
	Detroit Copper & Brass Rolling Mills, Detroit, Mich.
	Ellwood Ivins Tube Co., Oak Lane, Philadelphia, Pa.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	McNab & Harlin Mfg. Co., Paterson, N. J.
	Thomas Phillips Co., Providence, R. I.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Randolph & Clowes, Waterbury, Conn.
	Seymour Mfg. Co., Seymour, Conn.
	Waterbury Brass Co., Waterbury, Conn.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
K. COPPER TUBES, SEAMLESS.	American Tube Works, 137 Milk St., Boston, Mass.
	Ansonia Brass & Copper Co., Ansonia, Conn.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Bridgeport Brass Co., Bridgeport, Conn.
	U. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
	Randolph & Clowes, Waterbury, Conn.
L. DRAFT TUBES.	Robt. Poole & Son Co., Baltimore, Md.
M. ELECTRIC TUBING.	Empire Mfg. Co., Lockport, N. Y.
N. FIBRE TUBES.	Crane Bros., Westfield, Mass.

Delaware Hard Fibre Co., Wilmington, Del.

O. GERMAN SILVER TUBING. Benedict & Burnham Mfg. Co., Waterbury, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph & Clowes, Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.

P. GOLD & SILVER TUBING. A. T. Wall & Co., Providence, R. I.

Q. OIL WELL TUBING. Allison Mfg. Co., Philadelphia, Pa.
American Tube & Iron Co., Middletown, Pa.
Morris, Tasker & Co., Inc., 224 S. 3d St., Philadelphia, Pa.
National Tube Works Co., Boston, Mass.
Reading Iron Co., Reading, Pa.
Pennsylvania Tube Works, Inc., Pittsburg, Pa.
Spang, Chalfant & Co., Pittsburg, Pa.

R. PUMP TUBING. American Tube & Iron Co., Middletown, Pa.
Michigan Pipe Co., Bay City, Mich.

S. STEEL TUBING. Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.
Ellwood Ivins Tube Co., Oak Line, Philadelphia, Pa.
Mansfield Machine Works, Mansfield, O.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
Pope Tube Co., Hamilton St., Hartford, Conn.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

T. TAPERED TUBES. A. T. Wall & Co., Providence, R. I.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.

U. WELL TUBING. Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Tube & Iron Co., Middletown, Pa.
Iowa Pipe & Tile Co., Des Moines, Iowa.
Pomona Terra Cotta Co., Pomona, N. C.
Reading Iron Co., Reading, Pa.
H. Stevens' Sons Co., Macon, Ga.
N. U. Walker Clay Mfg. Co., Walkers, O.

V. WOOD TUBING. Cole Bros., Green Castle, Ind.
Michigan Pipe Co., Bay City, Mich.
O. W. Stearns & Son, Johnson, Vt.
Union Mfg. Co., New Britain, Conn.
A. Wyckoff & Son, Elmira, N. Y.

W. ZINC TUBING. Benedict & Burnham Mfg. Co., Waterbury, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph & Clowes, Waterbury, Conn.

2595. UNIONS. Bay State Metal Works, Cambridgeport, Mass.
H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
McNab & Harlin Mfg. Co., Paterson, N. J.
H. Mueller Mfg. Co., Decatur, Ill.

2596. VALVE PARTS & FITTINGS.

A. GATE BOXES. Coffin Valve Co., Neponset, Mass.

B. SLIDE VALVE BALANCES. American Balance Slide Valve Co., Jersey Shore, Pa.

C. VALVE BOXES. Bingham & Taylor, Buffalo, N. Y.
J. O. Frost's Sons Mfg. Co., Towanda, Pa.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Illinois Malleable Iron Co., 32 W. Monroe St., Chicago, Ill.
Rensselaer Mfg. Co., Troy, N. Y.

D. VALVE FITTINGS. Common Sense Met. Packing Co., 393 Pearl St., New York.
Jenkins Bros., 71 John St., New York.
Watson-Stillman Co., 210 E. 43d St., New York.

E. VALVE HANDLES. Piqua Handle & Mfg. Co., Piqua, O.

F. VALVE INDICATOR POSTS. Kennedy Valve Mfg. Co., 75 John St., New York.

G. VALVE LEATHER DISKS. Detroit Oak Belting Co., Detroit, Mich.
J. W. & A. P. Howard & Co., Corry, Pa.
Norwich Belt Mfg. Co., Norwich, Conn.
J. E. Rhoads & Son, 239 Market St., Philadelphia, Pa.

H. VALVE STEMS. Phosphor-Bronze Smelt. Co., Ltd., 2200 Washn. Chicago, Ill.

I. VALVE WHEELS. James Baldwin Co., Manchester, N. H.

2597. VALVES. Best, Fox & Co., Pittsburg, Pa.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
John Davis Co., 69 Michigan St., Chicago, Ill.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eddy Valve Co., Waterford, N. Y.
Fairbanks Co., 311 Broadway, New York.
J. O. Frost's Sons Mfg. Co., Tawanda, Pa.

	A. H. Hopkins & Co., Bridgeton, R. I.	
	J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.	
	Murray Iron Works, Burlington, Iowa.	
	Nason Mfg. Co., 71 Beekman St., New York.	
	Smith & Winchester Co., South Windham, Conn.	
	J. Thompson & Co., Van Horn & Sophia Sts., Phila., Pa.	
	Univ. Autom. Fire Exting. Co., 112 S. Orianna St., Phila., Pa	
	Watson-Stillman Co., 210 E. 43d St., New York.	
A. ACID VALVES.	Ashton Valve Co., Boston, Mass.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	Jenkins Bros., 71 John St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
B. AMMONIA VALVES.	Edward P. Allis Co., Milwaukee, Wis.	
	Ashton Valve Co., Boston, Mass.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	Fairbanks Co., 311 Broadway, New York.	
	Frick Co., Waynesboro, Pa.	*9
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Nason Mfg. Co., 71 Beekman St., New York.	
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.	
	York Mfg. Co., York, Pa.	
C. ANGLE VALVES.	Belknap Mfg. Co., Bridgeport, Conn.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	Detroit Lubricator Co., Detroit, Mich.	
	Fairbanks Co., 311 Broadway, New York.	
	Gardner & Governor Co., Quincy, Ill.	
	A. A. Griffing Iron Co., 66 Centre St., New York.	
	Jenkins Bros., 71 John St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Lunkenheimer Co., Cincinnati, O.	
	Monarch Governor & Machine Co., Indianapolis, Ind.	
	Peck Bros. & Co., New Haven, Conn.	
	Springfield Brass Co., Springfield, O.	
	Roe Stephens Mfg. Co., Detroit, Mich.	
D. ASBESTOS PACKED VALVES.	Ashton Valve Co., Boston, Mass.	
	Chapman Valve Mfg. Co., Boston, Mass.	
	Fairbanks Co., 311 Broadway, New York.	
E. BALANCED VALVES.	Belknap Mfg. Co., Bridgeport, Conn.	
	Coffin Valve Co., Neponset, Mass.	
	G. M. Davis & Co., 100 N. Clinton St., Chicago, Ill.	
	Detroit Lubricator Co., Detroit, Mich.	
	Frisbee Engine & Machine Co., Cincinnati, O.	
	Gardner Governor Co., Quincy, Ill.	
	M. C. Hammontt, Troy, N. Y.	
	Mason Regulator Co., Boston, Mass.	
	Ross Valve Co., Troy, N. Y.	
	Vulcan Iron Works, Wilkes-Barre, Pa.	
F. BIBB VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
G. BLOW-OFF VALVES.	Best, Fox & Co., Pittsburg, Pa.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	John Davis Co., 69 Michigan St., Chicago, Ill.	
	Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.	
H. BRASS VALVES.	Edward Barr Co., 78 John St., New York.	
	Bay State Metal Works, Cambridgeport, Mass.	
	Belknap Mfg. Co., Bridgeport, Conn.	
	A. W. Cadman Mfg. Co., Pittsburg, Pa.	
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	G. M. Davis & Co., 100 N. Clinton St., Chicago, Ill.	
	Eaton, Cole & Burnham Co., 253 Broadway, New York.	
	Fairbanks Co., 311 Broadway, New York.	
	General Fire Extinguisher Co., Providence, R. I.	
	G. M. Gregory, 214 Front St., New York.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	Jarecki Mfg. Co., Erie, Pa.	
	Jenkins Bros., 71 John St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Ludlow Valve Mfg. Co., Troy, N. Y.	
	Lunkenheimer Brass Mfg. Co., Cincinnati, O.	
	Mansfield Mfg. Co., Ltd., Pittsburg, Pa.	

	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.	
	John H. McGowan Co., Cincinnati, O.	
	Peck Bros. & Co., New Haven, Conn.	
	J. Regester & Sons, Baltimore, Md.	
	Rennselaer Mfg. Co., Troy, N. Y.	
	Springfield Brass Co., Springfield, O.	
I. BUTTERFLY VALVES.	Belknap Mfg. Co., Bridgeport, Conn.	
	Best, Fox & Co., Pittsburg, Pa.	
J. BY-PASS VALVES.	Mason Regulator Co., Boston, Mass.	
K. CHECK VALVES.	Bay State Metal Works, Cambridgeport, Mass.	
	Belknap Mfg. Co., Bridgeport, Conn.	
	Best, Fox & Co., Pittsburg, Pa.	
	Cahill, Swift & Co., St. Louis, Mo.	
	Coffin Valve Co., Neponset, Mass.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	Darling Pump & Mfg. Co., Williamsport, Pa.	
	Fairbanks Co., 311 Broadway, New York.	
	Jenkins Bros., 71 John St., New York.	
	Locke Regulator Co., Salem, Mass.	
	Ludlow Valve Mfg. Co., Troy, N. Y.	
	Lunkenheimer Co., Cincinnati, O.	
	Peck Bros. & Co., New Haven, Conn.	
	John N. Poage, Cincinnati, O.	
	Pratt & Cady Co., Hartford, Conn.	
	Roe Stephens Mfg. Co., Detroit, Mich.	
	Univ. Autom. Fire Extin. Co., 112 S. Orianna St., Phila., Pa.	
	Vulcan Iron Works, Wilkes-Barre, Pa.	
	Worthington Pumping Engine Co., 145 Broadway, N. Y.	
L. CHRONOMETER VALVES.	Union Water Meter Co., Worcester, Mass.	
M. CORNER VALVES.	Detroit Lubricator Co., Detroit, Mich.	
	A. A. Griffing Iron Co., 66 Centre St., New York.	
	Jenkins Bros., 71 John St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Lunkenheimer Co., Cincinnati, O.	
	Roe Stephens Mfg. Co., Detroit, Mich.	
N. CROSS VALVES.	Belknap Mfg. Co., Bridgeport, Conn.	
	Chapman Valve Mfg. Co., Boston, Mass.	
	Jenkins Bros., 71 John St., New York.	
	Lunkenheimer Co., Cincinnati, O.	
O. CYANIDE VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
P. DISK VALVES.	Eaton, Cole & Burnham Co., 253 Broadway, New York.	
Q. DRIP VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
R. ELEVATOR VALVES.	Leather & Brass Mfg. Co., Seneca Falls, Mass.	
	Nason Mfg. Co., 71 Beekman St., New York.	
S. FLUSHING VALVES.	Ludlow Valve Mfg. Co., Troy, N. Y.	
	John Royle & Sons, Paterson, N. J.	
T. FOOT VALVES.	Coffin Valve Co., Neponset, Mass.	
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Lee Injector Mfg. Co., Detroit, Mich.	*5
U. GAS GATES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
V. GAS VALVES.	Ashton Valve Co., Boston, Mass.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Coffin Valve Co., Neponset, Mass.	
	Dayton Globe Iron Works Co., Dayton, O.	
	Eddy Valve Co., Waterford, N. Y.	
	W. T. Garratt & Co., Inc., San Francisco, Cal.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	Isbell-Porter Co., Newark, N. J.	
	Jenkins Bros., 71 John St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Ludlow Valve Mfg. Co., Troy, N. Y.	
	John H. McGowan Co., Cincinnati, O.	
	McNab & Harlin Mfg. Co., Paterson, N. J.	
	P. H. & F. M. Roots Co., Connersville, Ind.	
	Sterrit & Thomas, Pittsburg, Pa.	
W. GATE VALVES.	Albany Steam Trap Co., Albany, N. Y.	
	Ashton Valve Co., Boston, Mass.	
	Best, Fox & Co., Pittsburg, Pa.	
	Brass & Iron Works Co., Fostoria, O.	
	Cahill-Swift Mfg. Co., St. Louis, Mo.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Eaton, Cole & Burnham Co., 253 Broadway, New York.	
	Fairbanks Co., 311 Broadway, New York.	
	Frontier Iron Works, Detroit, Mich.	
	Galvin Brass & Iron Works, Detroit, Mich.	

	Glamorgan Pipe & Foundry Co., Lynchburg, Va.	
	A. A. Griffing Iron Co., 66 Centre St., New York.	
	Jenkins Bros., 71 John St., New York.	
	Jonson Engineering & Foundry Co., 541 E. 118th St., N. Y.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Ludlow Valve Mfg. Co., Troy, N. Y.	
	Lunkenheimer Bros. Mfg. Co., Cincinnati, O.	
	John H. McGowan Co., Cincinnati, O.	
	Peck Bros. & Co., New Haven, Conn.	
	Rensselaer Mfg. Co., Troy, N. Y.	
	Ross Valve Co., Troy, N. Y.	
	Roe Stephens Mfg. Co., Detroit, Mich.	
X. GLOBE VALVES.	Albany Steam Trap Co., Albany, N. Y.	
	Belknap Mfg. Co., Bridgeport, Conn.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Crane Co., 10 N. Jefferson St., Chicago, Ill.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	Detroit Lubricator Co., Detroit, Mich.	
	Eaton, Cole & Burnham Co., 253 Broadway, New York.	
	Fairbanks Co., 311 Broadway, New York.	
	Gardner & Governor Co., Quincy, Ill.	
	W. T. Garratt & Co., Inc., San Francisco, Cal.	
	A. A. Griffing Iron Co., 66 Centre St., New York.	
	Hancock Inspirator Co., Boston, Mass.	
	Jenkins Bros., 71 John St., New York.	
	Kelly & Jones Co., Pittsburg, Pa.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Locke Regulator Co., Salem, Mass.	
	Lunkenheimer Co., Cincinnati, O.	
	Monarch Governor & Machine Co., Indianapolis, Ind.	
	Peck Bros. & Co., New Haven, Conn.	
	Wm. Powell Co., Cincinnati, O.	
	Pratt & Cady Co., Hartford, Conn.	
	Roe Stephens Mfg. Co., Detroit, Mich.	
Y. HEAVY PRESSURE VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	Detroit Lubricator Co., Detroit, Mich.	
Z. HOSE VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Eddy Valve Co., Waterford, N. Y.	
AA. HYDRAULIC VALVES.	Ashton Valve Co., Boston, Mass.	
	Best, Fox & Co., Pittsburg, Pa.	
	A. A. Griffing Iron Co., 66 Centre St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Ross Valve Co., Troy, N. Y.	
	Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.	
	Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.	
	Watson-Stillman Co., 210 E. 43d St., New York.	
	Wilson, Snyder Mfg. Co., Pittsburg, Pa.	
BB. INDICATOR VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Rensselaer Mfg. Co., Troy, N. Y.	
CC. IRON VALVES.	H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.	
	Belknap Mfg. Co., Bridgeport, Conn.	
	Crosby Steam Gage & Valve Co., Boston, Mass.	*6
	Fairbanks Co., 311 Broadway, New York.	
	General Fire Extinguisher Co., Providence, R. I.	
	Haydenville Mfg. Co., 73 Beekman St., New York.	
	Jenkins Bros., 71 John St., New York.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Lunkenheimer Co., Cincinnati, O.	
	Providence Steam Trap Co., Providence, R. I.	
	R. D. Wood & Co., 400 Walnut St., Philadelphia, Pa.	
DD. LEATHER VALVES.	Darling Pump Mfg. Co., Williamsport, Pa.	
EE. LEVER VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Ludlow Valve Mfg. Co., Troy, N. Y.	
	Mason Regulator Co., Boston, Mass.	
	United States Wind Engine & Pump Co., Batavia, Ill.	
FF. LOCK VALVES.	Cheney Bigelow Wire Works, Springfield, Mass.	
	P. P. Emory Mfg. Co., Springfield, Mass.	
GG. NATURAL GAS VALVES.	Chaplin-Fulton Mfg. Co., Inc., Pittsburg, Pa.	
	Chapman Valve Mfg. Co., Indian Orchard, Mass.	
	Kennedy Valve Mfg. Co., 75 John St., New York.	
	Ludlow Valve Mfg. Co., Troy, N. Y.	
	Rensselaer Mfg. Co., Troy, N. Y.	
HH. OIL VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.	

Detroit Lubricator Valves, Detroit, Mich.
Haydenville Mfg. Co., 73 Beekman St., New York.
Jenkins Bros., 71 John St., New York.
Kennedy Valve Mfg. Co., 75 John St., New York.
Ludlow Valve Mfg. Co., Troy, N. Y.
Rensselaer Mfg. Co., Troy, N. Y.

II. PUMP VALVES.
Berger Bros. Co., 231 Arch St., Philadelphia, Pa.
Empire Rubber Mfg. Co., 58 Reade St., New York.

JJ. QUICK OPENING VALVES.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Detroit Lubricator Valves, Detroit, Mich.
Fairbanks Co., 311 Broadway, New York.
A. A. Griffing Iron Co., 66 Centre St., New York.
Jenkins Bros., 71 John St., New York.
Kennedy Valve Mfg. Co., 75 John St., New York.
Lunkenheimer Co., Cincinnati, O.
Nason Mfg. Co., 71 Beekman St., New York.
Rensselaer Mfg. Co., Troy, N. Y.

KK. RADIATOR VALVES.
Belknap Mfg. Co., Bridgeport, Conn.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
G. M. Davis & Co., 100 N. Clinton St., Chicago, Ill.
Detroit Lubricator Co., Detroit, Mich.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Fairbanks Co., 311 Broadway, New York.
Frontier Iron Works, Detroit, Mich.
A. A. Griffing Iron Co., 66 Centre St., New York.
Hancock Inspirator Co., Boston, Mass.
Jenkins Bros., 71 John St., New York.
Kennedy Valve Mfg. Co., 75 John St., New York.
Lunkenheimer Co., Cincinnati, O.
Nason Mfg. Co., 71 Beekman St., New York.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
Roe Stephens Mfg. Co., Detroit, Mich.

LL. REDUCING VALVES.
H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
Chaplin-Fulton Mfg. Co., Inc., Pittsburg, Pa.
Geo. M. Davis & Co., 100 N. Clinton St., Chicago, Ill.
John Davis & Co., 69 Michigan St., Chicago, Ill.
D'Este & Seeley Co., Boston, Mass.
Fairbanks Co., 311 Broadway, New York.
Fisher Governor Co., Marshalltown, Iowa.
Foster Engineering Newark, N. J.
Kitts Mfg. Co., Oswego, N. Y.
Mason Regulator Co., Boston, Mass.
H. Mueller Mfg. Co., Decatur, Ill.
Ross Valve Co., Troy, N. Y.
Watson & McDaniel, 144 N. 7th St., Philadelphia, Pa.

MM. RELIEF VALVES.
Ashton Valve Co., Boston, Mass.
Best, Fox & Co., Pittsburg, Pa.
G. M. Davis & Co., 100 N. Clinton St., New York.
M. C. Hammett, Troy, N. Y.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Ross Valve Co., Troy, N. Y.

NN. SERVICE VALVES.
Chapman Valve Mfg. Co., Indian Orchard, Mass.

OO. SEWER VALVES.
Kendrick Valve & Washer Co., Syracuse, N. Y.

PP. STEAM VALVES.
Albany Steam Trap Co., Albany, N. Y.
Chaplin-Fulton Mfg. Co., Inc., Pittsburg, Pa.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
G. M. Davis & Co., 100 N. Clinton St., Chicago, Ill.
Detroit Lubricator Co., Detroit, Mich.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Eddy Valve Co., Waterford, N. Y.
Fairbanks Co., 311 Broadway, New York.
M. Garland, Bay City, Mich.
A. A. Griffing Iron Co., 66 Centre St., New York.
Haines, Jones & Cadbury Co., 1136 Ridge Av., Phila., Pa.
Haydenville Mfg. Co., 73 Beekman St., New York.
Jenkins Bros., 71 John St., New York.
Judson Governor Co., Rochester, N. Y.
Kennedy Valve Mfg. Co., 75 John St., New York.
Ludlow Valve Mfg. Co., Troy, N. Y.
Lunkenheimer Co., Cincinnati, O.
John H. McGowan Co., Cincinnati, O.
McNab & Harlin Mfg. Co., Paterson, N. J.
Mason Regulator Co., Boston, Mass.

	Rensselaer Mfg. Co., Troy, N. Y.
	Ross Valve Co., Troy, N. Y.
	Star Brass Mfg. Co., Boston, Mass.
	Union Water Meter Co., Worcester, Mass.
	Walworth Mfg. Co., Boston, Mass.
	Wilson, Snyder Mfg. Co., Pittsburg, Pa.
QQ. STOP VALVES.	Judson Governor Co., Rochester, N. Y.
	Reading Foundry Co., Ltd., Reading, Pa.
	J. Thompson & Co., Van Horn & Sophia Sts., Phila., Pa.
RR. STRAIN VALVES.	Coffin Valve Co., Neponset, Mass.
SS. TANK VALVES.	American Steam Gauge Co., Boston, Mass.
	Belknap Mfg. Co., Bridgeport, Conn.
	Boston Brass Co., Boston, Mass.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	Kennedy Valve Mfg. Co., 75 John St., New York.
	John N. Poage, Cincinnati, O.
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
TT. THERMOSTATIC VALVES.	Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
UU. VACUUM VALVES.	Mason Regulator Co., Boston, Mass.
VV. WASTE VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.
	Kennedy Valve Mfg. Co., 75 John St., New York.
	John Royle & Sons, Paterson, N. J.
WW. WATER VALVES.	Chapman Valve Mfg. Co., Indian Orchard, Mass.
	Coffin Valve Co., Neponset, Mass.
	Detroit Lubricator Co., Detroit, Mich.
	Eddy Valve Co., Waterford, N. Y.
	Fairbanks Co., 311 Broadway, New York.
	W. T. Garratt & Co., Inc., San Francisco, Cal.
	Haines, Jones & Cadbury Co., 1136 Ridge Av., Phila., Pa.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Jenkins Bros., 71 John St., New York.
	Kennedy Valve Mfg. Co., 75 John St., New York.
	Lawrence Machine Co., Lawrence, Mass.
	Ludlow Valve Mfg. Co., Troy, N. Y.
	John H. McGowan Co., Cincinnati, O.
	McNab & Harlin Mfg. Co., Paterson, N. J.
	Rensselaer Mfg. Co., Troy, N. Y.
	United States Wind Engine & Pump Co., Batavia, Ill.
XX. WATER WORK GATES.	Edward Barr Co., 78 John St., New York.
	Chapman Valve Mfg. Co., Indian Orchard, Mass.
	Coffin Valve Co., Neponset, Mass.
	Dickson Mfg. Co., Scranton, Pa.
	Eddy Valve Co., Waterford, N. Y.
	Ludlow Valve Mfg. Co., Troy, N. Y.
	Rensselaer Mfg. Co., Troy, N. Y.
YY. WHISTLE VALVES.	Belknap Mfg. Co., Bridgeport, Conn.
	Chapman Valve Mfg. Co., Indian Orchard, Mass.
	Crosby Steam Gage & Valve Co., Boston, Mass. *6
ZZ. WIND MILL FLOAT VALVES.	American Well Works, Aurora, Ill.
	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	Kennedy Valve Mfg. Co., 75 John St., New York.
	Sandwich Mfg. Co., Sandwich, Ill.
	United States Wind Engine & Pump Co., Batavia, Ill.
	Zimmerman Mfg. Co., Auburn, Ind.
AAA. "Y" VALVES.	Jenkins Bros., 71 John St., New York.
2598. WATER COLUMNS.	Best, Fox & Co., Pittsburg, Pa.
	Kitts Mfg. Co., Oswego, N. Y.
	Michigan Lubricator Co., Detroit, Mich.
A. COMBINATION WATER COLUMNS.	Ashcroft Mfg. Co., 111 Liberty St., New York.
	Eaton, Cole & Burnham Co., 253 Broadway, New York.
B. RAILROAD WATER COLUMNS.	Laidlaw-Dunn-Gordon & Co., Cincinnati, O.
	Sheffield Car Co., Three Rivers, Mich.
	United States Wind Engine & Pump Co., Batavia, Ill.
C. SAFETY WATER COLUMNS.	John Davis Co., 69 Michigan St., Chicago, Ill.
D. WATER COLUMN BODIES.	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.

XXXII. PROVISIONS AND GROCERIES.

2599. APPLES.

A. H. Streeter, Cummington, Mass.

2600. BACON.

Armour & Co., 205 Lasalle St., Chicago, Ill.
J. Cassard & Co., Baltimore, Md.
Cudahy Packing Co., South Omaha, Neb.
Charles Davis & Co., Cincinnati, O.
Jacob Dold Packing Co., Buffalo, N. Y.
F. A. Ferris & Co., 262 Mott St., New York.
G. H. Hammond Co., Hammond, Ind.
International Packing Co., 169 Jackson St., Chicago, Ill.
Kingan & Co., Ltd., Indianapolis, Ind.
Libby, McNeill & Libby, 242 S. Water St., Chicago, Ill.
J. H. Michener & Co., 23 N. Water St., Philadelphia, Pa.
John C. Roth Packing Co., Cincinnati, O.
T. M. Sinclair & Co., Cedar Rapids, Iowa.
Swift & Co., Inc., Union Stock Yards, Chicago, Ill.
Francis Whittaker & Sons Co., St. Louis, Mo.

2601. BAKING POWDER.

Geo. A. Bayle, St. Louis, Mo.
Chapman & Smith Co., 185 W. Randolph St., Chicago, Ill.
Cleveland Baking Powder Co., 81 Fulton St., New York.
H. W. Cleveland Co., Syracuse, N. Y.
R. B. Davis, 90 W. Broadway, New York.
W. G. Dean & Son, 361 Washington St., New York.
Donnell Mfg. Co., St. Louis, Mo.
Downing Co., Brunswick, Ga.
Eddy & Eddy, St. Louis, Mo.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
German Yeast & Baking Powder Co., Omaha, Neb.
J. C. Grant Chemical Co., 110 W. Lake St., Chicago, Ill.
Hughes Bros., Mfg. Co., Dallas, Tex.
Enos F. Jones Chemical Co., 352 Washington St., New York.
C. A. Murdock Mfg. Co., Kansas City, Mo.
Paducah Vinegar Works, Paducah, Ky.
Price Baking Powder Co., 186 Michigan St., Chicago, Ill.
Royal Baking Powder Co., 100 William St., New York.
Rumford Chemical Works, Providence, R. I.
St. Louis Pretzel Co., St. Louis, Mo.
C. F. Sauer Co., Richmond, Va.
Solway Process Co., Syracuse, N. Y.
Taylor Baking Powder Co., St. Louis, Mo.
Thomson & Taylor Spice Co., 66 Michigan Av., Chicago, Ill.
Universal Baking Powder Co., Harrisburg, Pa.
Wood & Selick, 36 Hudson St., New York.
Woolson Spice Co., Toledo, O.
World Refining Co., Easton, Pa.

2602. BISCUITS.

Geo. A. Bayle, St. Louis, Mo.
C. D. Boss & Son, New London, Conn.
Frank E. Block Co., Atlanta, Ga.
Brinckerhoff Bakery, 94 Elizabeth St., New York.
Thomas H. Carr, Montgomery, Ala.
D. Carrick & Co., 1905 Market St., Philadelphia, Pa.
Cereal Machine Co., Worcester, Mass.
Samuel B. Clark, 496 Grand St., New York.
J. C. H. Claussen & Co., Charleston, S. C.
A. Exton & Co., Trenton, N. J.
Robt. C. Fests' Son & Co., 111 Delancey St., New York.
J. S. Ivins' Son, 321 N. Front St., Philadelphia, Pa.
Langles Factory, New Orleans, La.
T. S. Lewis, Atlanta, Ga.
James D. Mason Co., Baltimore, Md.
A. J. Medlar Co., Ltd., 1426 Fairmount St., Philadelphia, Pa.
National Biscuit Co., 205 Lasalle St., Chicago, Ill.
New Haven Bakery, New Haven, Conn.
J. C. Norris & Co., Concord, N. H.
Original Trenton Cracker Co., Trenton, N. J.
Portland Cracker Co., Portland, Ore.
Roddewig-Schmidt Factory, Davenport, Iowa.
John B. Ruger, Sons Co., Lafayette, Ind.
Sacremento Cracker Co., Sacremento, Cal.

David Stewart, 438 N. 13th St., Philadelphia, Pa.
Taylor-Hitz Co., Madison, Ind.
A. W. Wallace & Son, Bridgeport, Conn.
Woodard & Stone Co., Watertown, Wis.
Zeller Bakery, Richmond, Ind.

A. FANCY BISCUITS.

Austin & Graves, Boston, Mass.
C. D. Boss & Son, New London, Conn.
Langles Factory, New Orleans, La.
National Biscuit Co., 205 Lasalle St., Chicago, Ill.

2603. BRAN.

Benton County Flouring Mills Co., Corvallis, Ore.
Bowersock Milling Co., Lawrence, Kan.
Broken Bow Roller Mill, Broken Bow, Neb.
Capitol Milling Co., Los Angeles, Cal.
J. V. Carithers, Moscow, Idaho.
Dick Bros. Milling Co., Quincy, Ill.
Eagle Roller Mill Co., New Ulm, Minn.
Eagle Roller Mills, Independence, Kan.
Echo Roller Mills, Spokane, Wash.
H. B. Eggers Milling Co., St. Louis, Mo.
Elling & Hyndman, Sheridan, Mont.
Estate of F. S. Hayhurst, Waterloo, Wis.
Florence Milling Co., Florence, Ala.
A. L. Forsha, Forsha, Kan.
Goodlander Milling Co., Fort Scott, Kan.
I. B. Groff, Fertility, Pa.
Hunter Milling Co., Willington, Kan.
Imperial Roller Mills, Dresden, O.
Inter-Mountain Milling Co., Salt Lake City, Utah.
International Roller Mills, Sterling, Kan.
Irwin Flour Mills, Irwin, Pa.
Marionville Roller Mill Co., Marionville, Mo.
John F. Meyer & Sons, Springfield, Mo.
Miles Son, Frankford, Ky.
Muscogee Roller Milling Co., Muscogee, Ind. Ter.
Norton & Co., Chicago, Ill.
Oakgrove Mill Co., Oakgrove, Mo.
Pearl Milling Co., McPherson, Kan.
S. H. Veatch Milling Co., Webb City, Mo.
Voight Milling Co., Grand Rapids. Mich.
Whitney & Wilson, Rochester, N. Y.

2604. BROMA.

Walter Baker & Co., Dorchester, Mass.
Keasbey & Mattison Co., Ambler, Pa.
H. O. Wilbur & Sons, New York.

2605. BROWN BREAD MIXTURE.

2606. BUTTER.

Potter & Wrightington, Boston, Mass.
Arctic Creamery Co., Rushford, Minn.
J. L. Beiter, Plainville, Minn.
Bonniwell & Turck Creamery, Hartford, Wis.
Brooks & Smith, Nashville, Mich.
Capron Butter & Cheese Co., Capron, Ill.
James A. Carlisle, Elgin, Ill.
A. & H. E. Cook, Denmark, N. Y.
Cornell Bros., Elgin, Ill.
Fred. Cutler & Son, Ionia, Mich.
H. L. Dean, Tipton, Iowa.
Diamond Creamery Co., Monticello, Iowa.
Dickey Dairy Co., Kansas City, Mo.
P. Ekern Co., Pigeon Falls, Wis.
Elgin Butter Co., Elgin, Ill.
Farmers' Creamery Co., Walworth, Wis.
Fond du Lac Cheese & Butter Co., Fond du Lac, Wis.
Garfield Creamery Co., Garfield, O.
W. D. & A. Garrison, Vernon, Mich.
Gilboa Creamery Co., Gilboa, N. Y.
Gurler & Hapkins, Hinckley, Ill.
Fred. S. Hansen, Forestville, Wis.
C. R. Harmon & Sons, Aurora, O.
A. R. Hoard, Fort Atkinson, Wis.
Howell Condensed Milk & Cream Co., Goshen, N. Y.
Frank Hurd, Aurora, Ill.
Jacob Kailen & Son, Monroe, Wis.
Krautkreamer & Heisdorf Co., Franklin, Wis.
Lincolnville Creamery, Lincolnville, Kan.
A. Loyster & Sons, Hudson, Mich.
Wm. McCredie, Elgin, Ill.

McKellar & Cochrane, Elgin, Ill.
John Newman Co., Elgin, Ill.
August Nolting, Elgin, Ill.
Chas. M. Northrup, Lakeview, Mich.
Oak Grove Creamery Co., Walworth, Wis.
C. G. Pierson, Warwick, N. Y.
Albert Poole, Darlington, Wis.
Jacob Regez, Monroe, Wis.
Renner Bros., Grand Junction, Iowa.
Roberts Creamery Co., Roberts, Wis.
Ronningen & Graslie Co., Hammond, Wis.
William Schoessow, Friestadt, Wis.
Schumacher Bros., Jefferson, Wis.
W. W. Sherwin, Elgin, Ill.
Simpson, McIntire & Co., Boston, Mass.
South Koshkonong Creamery Co., Fort Atkinson, Wis.
J. G. Spicer & Son, Edelstein, Ill.
Lewis Spaulding, Howard, N. Y.
B. Stanchfield, Fond du Lac, Wis.
A. S. Thompson, Cuba, N. Y.
A. M. C. Todson, Elgin, Ill.
C. J. Ward, Fort Atkinson, Wis.

2607. CANNED GOODS.

A. CANNED APPLES.
Blue Grass Canning Co., Owensboro, Ky.
E. S. Dingley & Co., West Farmington, Me.
Erie Preserving Co., Buffalo, N. Y.
Island Pond Canning Co., Island Pond, Vt.
Lawrence Canning Co., Lawrence, Kan.
New Glenwood Canning Co., Glenwood, Iowa.
Oneida Community, Ltd., Community, N. Y.
S. B. Silver, Higginsville, Mo.

B. CANNED ASPARAGUS.
S. H. Derby & Co., Woodside, Del.

C. CANNED BAKED BEANS.
Burnham & Morrill Co., Portland, Me.
E. T. Cowdrey Co., 80 Broad St., Boston, Mass.
Elgin Packing Co., Elgin, Ill.
L. Pickert Fish Co., 396 Atlantic Av., Boston, Mass.
Potter & Wrightington, 60 Commerce St., Boston, Mass.
Pure Food Canning Co., Adrian, Mich.

D. CANNED BARTLETT PEARS.
Curtice Bros. Co., Rochester, N. Y.
Erie Preserving Co., Buffalo, N. Y.
Oneida Community, Ltd., Community, N. Y.

E. CANNED BEANS.
Baile & Stauffer, New Windsor, Md.
E. T. Cowdrey Co., 80 Broad St., Boston, Mass.
Curtice Bros. Co., Rochester, N. Y.
H. P. Dunlap & Co., Watertown, N. Y.
Erie Preserving Co., Buffalo, N. Y.
Haserot Canneries Co., Cleveland, O.
Lawrence Canning Co., Lawrence, Kan.
Potter & Wrightington, 60 Commerce St., Boston, Mass.
Pure Food Canning Co., Adrian, Mich.
Van Camp Packing Co., Indianapolis, Ind.

F. CANNED BEEF.
Armour Packing Co., Kansas City, Mo.
E. T. Cowdrey Co., 80 Broad St., Boston, Mass.
G. H. Hammond Co., Hammond, Ind.
Kemp, Day & Co., 116 Wall St., New York.
Libby, McNeill & Libby, 242 S. Water St., Chicago, Ill.
Potter & Wrightington, 60 Commerce St., Boston, Mass.

G. CANNED BLACKBERRIES.
Blue Grass Canning Co., Owensboro, Ky.
Columbia Falls Packing Co., Columbia Falls, Me.

H. CANNED BLUEBERRIES.
Burnham & Morrill Co., Portland, Me.
Columbia Falls Packing Co., Columbia Falls, Me.
Island Pond Canning Co., Island Pond, Vt.
L. Pickert Fish Co., 396 Atlantic Av., Boston, Mass.
Potter & Wrightington, 60 Commerce St., Boston, Mass.

I. CANNED CHERRIES.
Blue Grass Canning Co., Owensboro, Ky.
Curtice Bros. Co., Rochester, N. Y.

J. CANNED CHICKEN.
Burnham & Morrill Co., Portland, Me.
Curtice Bros. Co., Rochester, N. Y.
Erie Preserving Co., Buffalo, N. Y.
La Touraine Co., 319 1-2 W. 13th St., New York.
Potter & Wrightington, 60 Commerce St., Boston, Mass.
Virginia Canning Co., Virginia, Ill.

K. CANNED CLAM BROTH.
Geo. A. Bayle, 111 S. 2d St., St. Louis, Mo.
St. Louis Pretzel Co., St. Louis, Mo.

L. CANNED CLAM CHOWDER.
Burnham & Morrill Co., Portland, Me.
E. T. Cowdrey Co., 80 Broad St., Boston, Mass.

	L. Pickert Fish Co., 396 Atlantic Av., Boston, Mass.
	Potter & Wrightington, 60 Commerce St., Boston, Mass.
M. CANNED CLAMS.	Barataria Canning Co., Biloxi, Miss.
	Burnham & Morrill Co., Portland, Me.
	E. T. Cowdrey Co., Boston, Mass.
	Marshall Canning Co., Marshalltown, Iowa.
	L. Pickert Fish Co., 396 Atlantic Av., Boston, Mass.
N. CANNED COD FISH BALLS.	Potter & Wrightington, 60 Commerce St., Boston, Mass.
O. CANNED CORN.	Atlantic Canning Co., Atlantic, Iowa.
	Austin Canning & Preserving Co., Austin, Minn.
	Baile & Stauffer, New Windsor, Md.
	Blue Grass Canning Co., Owensboro, Ky.
	Curtice Bros. Co., Rochester, N. Y.
	Davenport Canning & Conserving Co., Davenport, Iowa.
	E. S. Dingley & Co., West Farmington, Me.
	H. P. Dunlap & Co., Watertown, N. Y.
	Elgin Packing Co., Elgin, Ill.
	Erie Preserving Co., Buffalo, N. Y.
	Haserot Canneries Co., Cleveland, O.
	Island Pond Canning Co., Island Pond, Vt.
	Kelly Canning Co., Vinton, Iowa.
	Lawrence Canning Co., Lawrence, Kan.
	Marshall Canning Works, Marshalltown, Iowa.
	Merrell-Soule Co., Syracuse, N. Y.
	New Glenwood Canning Co., Glenwood, Iowa.
	Newport Canning Co., Newport, N. Y.
	Rome Canning Co., Rome, N. Y.
	S. B. Silver, Higginsville, Mo.
	Virginia Canning Co., Virginia, Ill.
P. CANNED CORNED BEEF.	Armour & Co., 205 Lasalle St., Chicago, Ill.
	Barataria Canning Co., Biloxi, Miss.
	G. H. Hammond Co., Hammond, Ind.
	Libby, McNeill & Libby, Inc., 242 S. Water St., Chicago, Ill.
Q. CANNED COWSLIP.	H. P. Dunlap & Co., Watertown, N. Y.
R. CANNED CRAB MEAT.	Barataria Canning Co., Biloxi, Miss.
S. CANNED DANDELION.	H. P. Dunlap & Co., Watertown, N. Y.
T. CANNED DUCK, BROILED & ROAST.	Burnham & Morrill Co., Portland, Me.
	Potter & Wrightington, 60 Commerce St., Boston, Mass.
	Richardson & Robbins, Dover, Del.
U. CANNED ENTREES.	Franco-American Food Co., Jersey City Heights, N. J.
V. CANNED FISH.	A. Booth Packing Co., Lake & State Sts., Chicago, Ill.
	Burnham & Morrill Co., Portland, Me.
	Wm. H. Cohen & Co., 229 Washington St., New York.
	E. C. Hazard & Co., 117 Hudson St., New York.
	Eben A. Holmes, Eastport, Me.
	Kemp, Day & Co., 116 Wall St., New York.
	Potter & Wrightington, 60 Commerce St., Boston, Mass.
W. CANNED FRUIT.	A. Booth Packing Co., Lake & State Sts., Chicago, Ill.
	W. W. Boyer & Co., Baltimore, Md.
	Burnham & Morrill Co., Portland, Me.
	Calhoun & Jones, Georgetown, Del.
	Code, Elfelt & Co., San Francisco, Cal.
	Wm. H. Cohen & Co., 229 Washington St., New York.
	Columbia Falls Packing Co., Columbia Falls, Me.
	Curtice Bros. Co., Rochester, N. Y.
	Cutting Fruit Packing Co., San Francisco, Cal.
	Michael Doyle & Co., Rochester, N. Y.
	Wm. L. Ellis & Co., 2327 Boston St., Baltimore, Md.
	Erie Preserving Co., Buffalo, N. Y.
	Gibbs Preserving Co., 2237 Boston St., Baltimore, Md.
	Gordon & Dilworth, 565 Greenwich St., New York.
	E. C. Hazard & Co., 117 Hudson St., New York.
	John H. Hoffecker, Smyrna, Del.
	Kemp, Day & Co., 116 Wall St., New York.
	E. B. Mallory & Co., Baltimore, Md.
	Marysville Fruit Package Co., Marysville, Cal.
	McGaw, Davis & Co., Baltimore, Md.
	Wm. Numsen & Sons, Baltimore, Md.
	Oneida Community, Ltd., Community, N. Y.
	San Jose Fruit Packing Co., San Jose, Cal.
	Santa Rosa Packing Co., Santa Rosa, Cal.
	Walden & Co., 41 Beaver St., New York.
	J. Weller Co., 2d & John Sts., Cincinnati, O.
X. CANNED GOOSE.	Burnham & Morrill Co., Portland, Me.
Y. CANNED HAM.	Armour & Co., 205 Lasalle St., Chicago, Ill.
	Curtice Bros. Co., Rochester, N. Y.

	G. H. Hammond Co., Hammond, O.
	Richardson & Robbins, Dover, Del.
Z. CANNED HERRING.	Geo. A. Bayle, 111 S. 2d St., St. Louis, Mo.
	Potter & Wrightington, 60 Commerce St., Boston, Mass.
AA. CANNED KIDNEY BEANS.	Virginia Canning Co., Virginia, Ill.
BB. CANNED LIMA BEANS.	Elgin Packing Co., Elgin, Ill.
CC. CANNED LOBSTER.	Burnham & Morrill Co., Portland, Me.
	Island Pond Canning Co., Island Pond, Vt.
	L. Pickert Fish Co., 396 Atlantic Av., Boston, Mass.
DD. CANNED MACARONI WITH TOMATO SAUCE.	Van Camp Packing Co., Indianapolis, Ind.
EE. CANNED MACKEREL.	Burnham & Morrill Co., Portland, Me.
	L. Pickert Fish Co., 396 Atlantic Av., Boston, Mass.
FF. CANNED MINCE MEAT.	Merrell-Soule Co., Syracuse, N. Y.
GG. CANNED MOLASSES SYRUP.	Barataria Canning Co., Biloxi, Miss.
HH. CANNED MUSHROOMS.	E. C. Hazard & Co., Shrewsbury, N. J.
II. CANNED MUTTON.	Armour & Co., 205 Lasalle St., Chicago, Ill.
	Cudahy Packing Co., South Omaha, Neb.
	Fairbank Canning Co., 147 S. Water St., Chicago, Ill.
	G. H. Hammond Co., Hammond, Ind.
	Kemp, Day & Co., 116 Wall St., New York.
	Potter & Wrightington, 60 Commerce St., Boston, Mass.
JJ CANNED OYSTERS.	Barataria Canning Co., Biloxi, Miss.
	A. Booth Packing Co., Lake & State Sts., Chicago, Ill.
	W. W. Boyer & Co., Baltimore, Md.
	G. W. Dunbar's Sons, New Orleans, La.
	Wm. L. Ellis & Co., Baltimore, Md.
	Gibbs Preserving Co., Baltimore, Md.
	Malachi Mills, Baltimore, Md.
	E. B. Mallory & Co., Baltimore, Md.
	Miller Bros. & Co., Baltimore, Md.
	Moore & Brady, Baltimore, Md.
	Thomas Moore & Co., Baltimore, Md.
	Thos. J. Myer & Co., Baltimore, Md.
	Nassau Packing Co., Fernandina, Fla.
	John W. Nichol, Baltimore, Md.
	Wm. Numsen & Sons, Baltimore, Md.
	C. H. Pearson, Baltimore, Md.
KK. CANNED PEACHES.	Blue Grass Canning Co., Owensboro, Ky.
	Curtice Bros. Co., Rochester, N. Y.
	S. H. Derby & Co., Woodside, Del.
	Erie Preserving Co., Buffalo, N. Y.
	Gibbs Preserving Co., Baltimore, Md.
	Greenabaum Bros., Seaford, Del.
	John H. Hoffecker, Smyrna, Del.
LL. CANNED PEARS.	S. H. Derby & Co., Woodside, Del.
	Greenabaum Bros., Seaford, Del.
	John H. Hoffecker, Smyrna, Del.
MM. CANNED PEAS.	Blue Grass Canning Co., Owensboro, Ky.
	Erie Preserving Co., Buffalo, N. Y.
	Gibbs Preserving Co., Baltimore, Md.
	Greenabaum & Bros., Seaford, Del.
	Haserot Canneries Co., Cleveland, O.
	Lawrence Canning Co., Lawrence, Kan.
	Pure Food Canning Co., Adrian, Mich.
NN. CANNED PIE FILLING.	Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
OO. CANNED PINEAPPLES.	Curtice Bros. Co., Rochester, N. Y.
PP. CANNED PLUM PUDDING.	Franco-American Food Co., Jersey City Heights, N. J.
	Gordon & Dilworth, 561 Greenwich St., New York.
	Miller-Blackledge Co., Indianapolis, Ind.
	Richardson & Robbins, Dover, Del.
QQ. CANNED PLUMS.	John H. Hoffecker, Smyrna, Del.
RR. CANNED PORK & BEANS.	Cudahy Packing Co., South Omaha, Neb.
	Jersey Packing Co., Hamilton, O.
	Van Camp Packing Co., Indianapolis, Ind.
SS. CANNED PORK SAUSAGE.	Armour & Co., 205 Lasalle St., Chicago, Ill.
TT. CANNED POULTRY.	Kemp, Day & Co., 116 Wall St., New York.
	Oneida Community, Ltd., Community, N. Y.
	Potter & Wrightington, 60 Commerce St., Boston, Mass.
UU. CANNED PUMPKIN.	Austin Canning & Preserving Co., Austin, Minn.
	Blue Grass Canning Co., Owensboro, Ky.
	Curtice Bros. Co., Rochester, N. Y.
	S. H. Derby & Co., Woodside, Del.
	Erie Preserving Co., Buffalo, N. Y.
	Island Pond Canning Co., Island Pond, Vt.

	Lawrence Canning Co., Lawrence, Kan.
	New Glenwood Canning Co., Glenwood, Iowa.
	Virginia Canning Co., Virginia, Ill.
VV. CANNED QUINCES.	John H. Hoffecker, Smyrna, Del.
WW. CANNED RASPBERRIES.	Erie Preserving Co., Buffalo, N. Y.
	Island Pond Canning Co., Island Pond, Vt.
	Oneida Community, Ltd., Community, N. Y.
XX. CANNED SALMON.	Alaska Packing Association, San Francisco, Cal.
	Baranoff Packing Co., San Francisco, Cal.
	F. C. Barnes, Portland, Ore.
	Columbia River Packing Co., San Francisco, Cal.
	J. W. & V. Cook, Portland, Ore.
	Dalles Packing Co., Portland, Ore.
	R. D. Hume, Gold Beach, Ore.
	Island Pond Canning Co., Island Pond, Vt.
	Kern Bros. Packing Co., Portland, Ore.
	Potter & Wrightington, 60 Commerce St., Boston, Mass.
	Thlinket Packing Co., Portland, Ore.
	Triscott Packing Co., Portland, Ore.
	Vendsyssel Packing Co., Portland, Ore.
	F. M. Warren, Portland, Ore.
YY. CANNED SARDINES.	Blanchard Mfg. & Canning Co., Eastport, Me.
	Charles E. Capen, Eastport, Me.
	Continental Packing Co., Eastport, Me.
	Geo. O. Grady & Co., Eastport, Me.
	L. Pickert Fish Co., 396 Atlantic Av., Boston, Mass.
	Potter & Wrightington, Boston, Mass.
	Standard Sardine Co., Eastport, Me.
	Stimpson, Norton & McLeod, Eastport, Me.
ZZ. CANNED SHRIMPS.	Barataria Canning Co., Biloxi, Miss.
	A. Booth Packing Co., Lake & State Sts., Chicago, Ill.
	G. W. Dunbar's Sons, New Orleans, La.
	Wm. Gorenflo & Co., Biloxi, Miss.
	Nassau Packing Co., Fernandina, Fla.
AAA. CANNED SOUPS.	Armour & Co., 205 Lasalle St., Chicago, Ill.
	Burnham & Morrill Co., Portland, Me.
	E. T. Cowdrey Co., 80 Broad St., Boston, Mass.
	Franco-American Food Co., Jersey City Heights, N. J.
	Gaunt & Janvier, 365 Canal St., New York.
	Jas. H. W. Huckins & Co., 18 Waterford St., Boston, Mass.
	Merrell-Soule Co., Syracuse, N. Y.
	Mullen-Blockledge Co., Indianapolis, Ind.
	Oneida Community, Ltd., Community, N. Y.
	St. Louis Pretzel Co., St. Louis, Mo.
	T. A. Snider Preserve Co., 49 Sycamore St., Cincinnati, O.
	Van Camp Packing Co., Indianapolis, Ind.
BBB. CANNED SPINACH.	H. P. Dunlap & Co., Watertown, N. Y.
CCC. CANNED SQUASH.	Blue Grass Canning Co., Owensboro, Ky.
	Erie Preserving Co., Buffalo, N. Y.
	Island Pond Canning Co., Island Pond, Vt.
	Pure Food Canning Co., Adrian, Mich.
DDD. CANNED STRAWBERRIES.	Curtice Bros. Co., Rochester, N. Y.
	Erie Preserving Co., Buffalo, N. Y.
	Lawrence Canning Co., Lawrence, Kan.
	Oneida Community, Ltd., Community, N. Y.
EEE. CANNED STRING BEANS.	Blue Grass Canning Co., Owensboro, Ky.
FFF. CANNED SUCCOTASH.	Baile & Stauffer, New Windsor, Md.
	Curtice Bros. Co., Rochester, N. Y.
	Merrell-Soule Co., Syracuse, N. Y.
	Rome Canning Co., Rome, N. Y.
GGG. CANNED TOMATOES.	Austin Canning & Preserving Co., Austin, Minn.
	Blue Grass Canning Co., Owensboro, Ky.
	Curtice Bros. Co., Rochester, N. Y.
	S. H. Derby & Co., Woodside, Del.
	Erie Preserving Co., Buffalo, N. Y.
	Greenabaum Bros., Seaford, Del.
	John H. Hoffecker, Smyrna, Del.
	Kuner Pickle Co., Denver, Col.
	Lawrence Canning Co., Lawrence, Kan.
	New Glenwood Canning Co., Glenwood, Iowa.
	Pure Food Canning Co., Adrian, Mich.
	S. B. Silver, Higginsville, Mo.
	Van Camp Packing Co., Indianapolis, Ind.
	Virginia Canning Co., Virginia, Ill.
HHH. CANNED TONGUE.	Armour & Co., 205 Lasalle St., Chicago, Ill.

Curtice Bros. Co., Rochester, N. Y.
G. H. Hammond Co., Hammond, Ind.
Potter & Wrightington, Boston, Mass.

III. CANNED TONGUE, OX.
Armour & Co., 205 Lasalle St., Chicago, Ill.
G. H. Hammond Co., Hammond, Ind.
Richardson & Robbins, Dover, Del.

JJJ. CANNED TRIPE.
Armour & Co., 205 Lasalle St., Chicago, Ill.

KKK. CANNED TURKEY.
Burnham & Morrill Co., Portland, Me.
Curtice Bros. Co., Rochester, N. Y.
Potter & Wrightington, Boston, Mass.
Richardson & Robbins, Dover, Del.

LLL. CANNED VEGETABLES.
Barataria Canning Co., Biloxi, Miss.
A. Booth Packing Co., Lake & State Sts., Chicago, Ill.
W. W. Boyer & Co., Baltimore, Md.
Burnham & Morrill Co., Portland, Me.
Calhoun & Jones, Georgetown, Del.
Wm. H. Cohen & Co., 229 Washington St., New York.
Curtice Bros. Co., Rochester, N. Y.
Wm. L. Ellis & Co., Baltimore, Md.
Erie Preserving Co., Buffalo, N. Y.
E. C. Hazard & Co., 117 Hudson St., New York.
John H. Hoffecker, Smyrna, Del.
Kemp, Day & Co., 116 Wall St., New York.
E. B. Mallory & Co., Baltimore, Md.
McGaw, Davis & Co., 222 N. Charles St., Baltimore, Md.
Wm. Numsen & Sons, Baltimore, Md.
Oneida Community, Ltd., Community, N. Y.
San Jose Fruit Packing Co., San Jose, Cal.
J. Weller Co., 2d & John Sts., Cincinnati, O.

2608. CHEESE.
Arctic Creamery Co., Rushford, Minn.
F. X. Baumert & Co., Antwerp, Jefferson Co., N. Y.
Geo. A. Bayle, St. Louis, Mo.
E. Borselager & Bro., Kiel, Wis.
Cyrus F. Clark, North Russel, N. Y.
A. & H. E. Cook, Denmark, N. Y.
Cornell Bros., Elgin, Ill.
P. Ekern Co., Pigeon Falls, Wis.
Farmers' Co-Operative Creamery Co., Monticello, Iowa.
H. E. Gaugham, Jewett, Wis.
Gem Cheese Factory, Cameron, Mo.
Jacob C. Gessert, Johnsonville, Wis.
C. R. Harmon & Sons, Aurora, O.
G. B. Horton, Fruit Ridge, Mich.
Howell Condensed Milk & Cream Co., Goshen, N. Y.
Frank Hurd, Aurora, O.
Jacob Karlen & Son, Monroe, Wis.
Kirsch Bros., Plainview, Minn.
M. A. Lemks, Kankanna, Wis.
McCanna & Fraser Co., Burlington, Wis.
McCray Bros., Cameron, Mo.
A. Mier, South Wayne, Wis.
W. J. Moxley, Inc., 63 W. Monroe St., Chicago, Ill.
A. D. Power & Son, Northville, Mich.
Jacob Regez, Monroe, Wis.
Roach & Seeber Co., Waterloo, Wis.
Emil Roll, Kekoskee, Wis.
Sherman Dairy Co., Spencer, Wis.
Simpson, McIntyre & Co., Boston, Mass.
Lewis Spaulding, Howard, N. Y.
Waterloo Butter & Cheese Co., Waterloo, Wis.
Chas. Zuercher, Juda, Wis.

A. DEVILED CHEESE.
Geo. A. Bayle, 111 S. 2d St., St. Louis, Mo.

2609. CHOCOLATE.
Walter Baker & Co., Dorchester, Mass.
J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
F. Bischoff, 3d St. & 3d Av., Brooklyn, N. Y.
P. Eckert Co., Pigeon Hole, Wis.
Hance Bros. & White, Callowhill & Marshall Sts., Phila., Pa.
Hershey Chocolate Co., Lancaster, Pa.
Henry Maillard, 116 W. 25th St., New York.
George Miller & Son Co., 255 S. 3d St., Philadelphia, Pa.
Ode & Gerbereux, 419 W. Broadway, New York.
Chas. H. Phillips Chemical Co., Glenbrook, Conn.
M. Powell, 152 Chambers St., New York.
Royal Cocoa & Chocolate Co., Callowhill St., Phila., Pa.
Runkel Bros., 449 W. 30th St., New York.
C. J. Van Houten & Zoon, 106 Reade St., New York.

Wallace & Co., 31 Cortlandt St., New York.
S. F. Whitman & Son, 606 Cherry St., Philadelphia, Pa.
H. O. Wilbur & Sons, 235 N. 3d St., Philadelphia, Pa.

A. CHOCOLATE PREPARATIONS.
Walter Baker & Co., Dorchester, Mass.
J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
F. Bischoff, 3d St. & 3d Av., Brooklyn, N. Y.
E. Greenfield's Son & Co., 44 Barclay St., New York.
Hershey Chocolate Co., Lancaster, Pa.
Ode & Gerbereux, 419 W. Broadway, New York.

B. SOLUBLE CHOCOLATE.
F. Bischoff, 3d St. & 3d Av., Brooklyn, N. Y.
Hershey Chocolate Co., Lancaster, Pa.
Ode & Gerbereux, 419 W. Broadway, New York.

2610. COCOA.
J. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
F. Bischoff, 3d St. & 3d Av., Brooklyn, N. Y.
Hershey Chocolate Co., Lancaster, Pa.
"Huyler's," Inc., 64 Irving Place, New York.
George Miller & Son Co., 255 S. 3d St., Philadelphia, Pa.
Chas. H. Phillips Chemical Co., Glenbrook, Conn.
C. J. Van Houten & Zoon, 106 Reade St., New York.
F. Whitman & Son, 606 Cherry St., Philadelphia, Pa.
H. O. Wilbur & Sons, 235 N. 3d St., Philadelphia, Pa.

A. BREAKFAST COCOA.
Walter Baker & Co., Dorchester, Mass.
F. Bischoff, 3d St. & 3d Av., Brooklyn, N. Y.
Hershey Chocolate Co., Lancaster, Pa.
Henry Maillard, 116 W. 25th St., New York.
George Miller & Son Co., 257 S. 3d St., Philadelphia, Pa.
Ode & Gerbereux, 419 W. Broadway, New York.
H. O. Wilbur & Son, 235 N. 3d St., Philadelphia, Pa.

B. COCOA PREPARATIONS.
Walter Baker & Co., Dorchester, Mass.
F. Bischoff, 3d St. & 3d Av., Brooklyn, N. Y.
Ode & Gerbereux, 419 W. Broadway, New York.

C. COCOA SHELLS.
Walter Baker & Co., Boston, Mass.
Hershey Chocolate Co., Lancaster, Pa.
H. O. Wilbur & Sons, 235 W. 3d St., Philadelphia, Pa.

2611. CONDENSED COFFEE.
N. Y. Condensed Milk Co., 71 Hudson St., New York.

2612. CONDENSED MILK.
Anglo-Swiss Condensed Milk Co., Middletown, N. Y.
Helvetia Milk Condensing Co., Highland, Ill.
Kemp, Day & Co., 116 Wall St., New York.
N. Y. Condensed Milk Co., 71 Hudson St., New York.
St. Charles Condensed Milk Co., St. Charles, Ill.

A. UNSWEETENED CONDENSED MILK.
Helvetia Milk Condensing Co., Highland, Ill.

2613. COOKING FLAVORING EXTRACTS.
Francis P. Adams & Co., Boston, Mass.
Bastine & Co., 19 Warren St., New York.
Joseph Burnett Co., Boston, Mass.
Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Wm. H. Cohen & Co., 229 Washington St., New York.
Colgate & Co., 53 John St., New York.
J. W. Colton, Westfield, Mass.
E. R. Durkee & Co., 135 Water St., New York.
George Lorenz, Toledo, O.
M. Michaelis & Son, 81 Murray St., New York.
C. A. Murdock Mfg. Co., Kansas City, Mo.
Price Baking Powder Co., 186 Michigan St., Chicago, Ill.
J. Roemheld & Co., 212 Kenzie St., Chicago, Ill.
Royal Baking Powder Co., 100 William St., New York.
Royal Remedy & Extract Co., Dayton, O.
Frederick Stearns & Co., Detroit, Mich.
Stickney & Poor Spice Co., Boston, Mass.
Wm. O. Tuttle, Boston, Mass.
Wood & Selick, Inc., 36 Hudson St., New York.

2614. COOKING OILS.
American Cotton Oil Co., Cincinnati, O.
Glucose Sugar Refining Co., The Rookery, Chicago, Ill.

2615. CRACKERS.
Austin & Graves, 116 Commercial St., Boston, Mass.
C. D. Bass & Son, New London, Conn.
Geo. A. Bayle, 111 S. 2d St., St. Louis, Mo.
Floyd C. Bickford, Somerville, Mass.
Frank E. Block Co., Atlanta, Ga.
Brinckerhoff Bakery, 229 Grand St., New York.
Thomas H. Carr, Montgomery, Ala.
D. Carrick & Co., 1905 Market St., Philadelphia, Pa.
Samuel B. Clark, 496 Grand St., New York.
J. C. H. Clausen & Co., Charleston, S. C.

A. Exton & Co., Trenton, N. J
Robt. C. Fests' Son & Co., 111 Delancey St., Phila., Pa.
J. S. Ivins' Son, 627 N. Front St., Philadelphia, Pa.
Langles Factory, New Orleans, La.
T. S. Lewis, Atlanta, Ga.
James D. Mason Co., Baltimore, Md.
H. J. Mealar Co., Ltd., 1426 Fairmount St., Phila., Pa.
Gerhard Muller, San Francisco, Cal.
National Biscuit Co., 205 Lasalle St., Chicago, Ill.
New Haven Bakery, New Haven, Conn.
J. C. Norris & Co., Concord, N. H.
Original Trenton Cracker Co., Trenton, N. J.
Portland Cracker Co., Portland, Ore.
Roddewig-Schmidt Factory, Davenport, Iowa.
John B. Ruger Sons Co., Lafayette, Ind.
Sacremento Cracker Co., Sacremento, Cal.
St. Louis Pretzel Co., St. Louis, Mo.
David Stewart, 1716 13th St., Philadelphia, Pa.
Taylor-Hitz Co., Madison, Ind.
H. W. Wallace & Son, Bridgeport, Conn.
Woodward & Stone Co., Watertown, Wis.
Zeller Bakery, Richmond, Ind.

2616. CRUSHED FRUITS.
Benton, Myers & Co., Cleveland, O.
Wood & Selick, 36 Hudson St., New York.

2617. CURDS, DRY.
Cornell Bros., Elgin, Ill.

2618. CURRY POWDER.
Geo. A. Bayle, 111 S. 2d St., St. Louis, Mo.
E. R. Durkee & Co., 135 Water St., New York.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
Horton-Cato Mfg. Co., Detroit, Mich.

2619. DEVILED MEATS.
Armour & Co., 205 Lasalle St., Chicago, Ill.
E. T. Cowdrey & Co., 80 Broad St., Boston, Mass.
Cudahy Packing Co., South Omaha, Neb.
G. H. Hammond Co., Hammond, Ind.
Potter & Wrightington, 60 Commerce St., Boston, Mass.
Wm. Underwood Co., Boston, Mass.

2620. DRESSED HOGS.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Charles Davis & Co., Cincinnati, O.
Jacob Dold Packing Co., Buffalo, N. Y.
G. H. Hammond Co., Hammond, Ind.
Hately Bros., 169 Jackson Boulevard, Chicago, Ill.
Kingan & Co., Ltd., Indianapolis, Ind.
Nelson Morris & Co., 147 S. Water St., Chicago, Ill.
John C. Roth Packing Co., Cincinnati, O.
Schwarzschild & Sulzberger Co., 806 1st Av., New York.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.
John P. Squire & Co., Inc., East Cambridge, Mass.
Swift & Co., Inc., Union Stock Yards, Chicago, Ill.
Jacob Vogel & Son, Cincinnati, O.

2621. DRESSED MEATS.
Abel & Co., Macon, Ga.
North Packing & Provision Co., Boston, Mass.

A. CORNED BEEF.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Charles H. Baldwin & Co., Boston, Mass.
G. H. Hammond Co., Hammond, Ind.
Libby, McNeill & Libby, Inc., 242 S. Water St., Chicago, Ill.
North Packing & Provision Co., Boston, Mass.
Swift & Co., Inc., Union Stock Yards, Chicago, Ill.

B. DRESSED BEEF.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Jacob Dold Packing Co., Buffalo, N. Y.
Geo. Fowler, Son & Co., Ltd., Kansas City, Mo.
G. H. Hammond Co., Hammond, Ind.
Jersey City Packing Co., Jersey City, N. J.
Kansas City Stock Yards, Kansas City, Mo.
Kingan & Co., Ltd., Indianapolis, Ind.
May, Levy & May, 280 Johnson Av., Brooklyn, N. Y.
J. H. Micherer & Co., 936 N. Front St., Philadelphia, Pa.
Nelson Morris & Co., 147 S. Water St., Chicago, Ill.
North Packing & Provision Co., Boston, Mass.
John C. Roth Packing Co., Cincinnati, O.
Schwarzschild & Sulzberger Co., 806 1st Av., New York.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.
Swift & Co., Inc., Union Stock Yards, Chicago, Ill.

C. DRIED BEEF.
Abel & Co., 620 Cherry St., Macon, Ga.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Charles A. Baldwin & Co., Boston, Mass.
North Packing & Provision Co., Boston, Mass.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.

	Swift & Co., Inc., Union Stock Yards, Chicago, Ill.
2622. DRIED FRUITS.	Ann Arbor Fruit & Vinegar Co., Ann Arbor, Mich.
	Michael Doyle & Co., Rochester, N. Y.
	Genesee Fruit Co., 499 West St., New York.
	Germain Fruit Co., Los Angeles, Cal.
	New Glenwood Canning Co., Glenwood, Iowa.
	Petrie Fruit Co., Rochester, N. Y.
	San Jose Fruit Packing Co., San Jose, Cal.
	John Wakeman & Co., 65 Broad St., New York.
	Walden & Co., 41 Beaver St., New York.
	T. G. Yeoman & Sons, Walworth, N. Y.
2623. FISH, SALT WATER.	
A. BONELESS FISH.	L. Pickert Fish Co., Boston, Mass.
	Potter & Wrightington, Boston, Mass.
B. PICKLED HERRING.	Stanwood & Co., Gloucester, Mass.
C. SALT CODFISH.	B. F. Allen & Co., Gloucester, Mass.
	Leander M. Haskins, Boston, Mass.
	New England Fish Co., Gloucester, Mass.
	Parmenter & Co., Gloucester, Mass.
	Geo. Perkins & Son, Gloucester, Mass.
	Potter & Wrightington, Boston, Mass.
	Stanwood & Co., Gloucester, Mass.
	Geo. J. Tarr & Co., Gloucester, Mass.
D. SALT MACKEREL.	B. F. Allen & Co., Gloucester, Mass.
	Leander M. Haskins, Boston, Mass.
	New England Fish Co., Gloucester, Mass.
	L. Pickert Fish Co., Boston, Mass.
	Potter & Wrightington, Boston, Mass.
	Stanwood & Co., Gloucester, Mass.
2624. FISH, SMOKED.	Stanwood & Co., Gloucester, Mass.
2625. FLOUR & CEREALS.	
A. BROWN BREAD FLOUR.	Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
B. BUCKWHEAT FLOUR.	Corle & Son Oat Meal & Cereal Co., Kansas City, Mo.
	Cozad Roller Mill Co., Cozad, Neb.
	Doud-Rogers Milling Co., Boone, Iowa.
	Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
	B. T. Henry, North Bennington, Vt.
	Imperial Roller Mills, Dresden, O.
	King Cereal Co., 74 W. Lake St., Chicago, Ill.
	H. J. Klingler & Co., Butler, Pa.
	Phelps & Sibley, Cuba, N. Y.
	Plymouth Roller Mill Co., Le Mars, Iowa.
	Sioux Milling Co., Sioux City, Iowa.
	Stobie Cereal Mills, 711 N. 2d St., St. Louis, Mo.
C. BUCKWHEAT GROATS.	Miles & Holman, 17 Jay St., New York.
D. CHOPPED BARLEY.	Echo Roller Mills, Spokane, Wash.
E. CHOPPED OATS.	Echo Roller Mills, Spokane, Wash.
	I. B. Groff, Fertility, Pa.
F. CORN CHOP.	Eagle Roller Mills, Independence, Kan.
	I. B. Groff, Fertility, Pa.
	Hunter Milling Co., Willington, Kan.
	International Roller Mills, Sterling, Kan.
	Marionville Roller Mill Co., Marionville, Mo.
	Oakgrove Mill Co., Oakgrove, Mo.
	Pearl Milling Co., McPherson, Kan.
	S. H. Veatch Milling Co., Webb City, Mo.
G. CORN FLOUR.	Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
	Hudnut Co., Terre Haute, Ind.
	Indianapolis Hominy Mills, Indianapolis, Ind.
	Lafayette Hominy Mill Co., Lafayette, Ind.
	Wm. Lea & Sons, Wilmington, Del.
	Nebraska City Cereal Mills, Nebraska City, Neb.
	Potter & Wrightington, Boston, Mass.
H. CORN MEAL.	Alliance Milling Co., Inc., Denton, Tex.
	Ashville Milling Co., Ashville, N. C.
	Bare Milling Co., Roaring Springs, Pa.
	Boutwell Milling & Grain Co. of Troy, Troy, N. Y.
	Bowersock Milling Co., Lawrence, Kan.
	Wm. Cadick & Son, Grand View, Ind.
	Columbia Milling Co., Oakland City, Ind.
	Cozad Roller Mill Co., Cozad, Neb.
	Crete Mills, Crete, Neb.
	Doud-Rogers Milling Co., Boone, Iowa.
	Downing Co., Brunswick, Ga.
	Durst Milling Co., Dayton, O.
	Eagle Roller Mills, Independence, Kan.

Emporium Milling Co., Emporium, Pa.
Estate of T. S. Hayhurst, Waterloo, Wis.
Florence Milling Co., Florence, Ala.
A. L. Forsha, Forsha, Kan.
C. A. Gambrill Mfg. Co., Baltimore, Md.
Goodlander Milling Co., Fort Scott, Kan.
I. B. Groff, Fertility, Pa.
Hastings Malting Co., Hastings, Minn.
Geo. W. Hilliard, Brighton, Ill.
Hudnut Co., Terre Haute, Ind.
Hunter Milling Co., Wellington, Kan.
C. F. Iddings, North Platte, Neb.
Imperial Roller Mills, Dresden, O.
Inter-Mountain Milling Co., Salt Lake City, Utah.
Irwin Flour Mills, Irwin, Pa.
Kearney Cereal Mills, Kearney, Neb.
H. J. Klingler & Co., Butler, Pa.
Lafayette Hominy Mill Co., Lafayette, Ind.
Wm. Lea & Sons Co., Wilmington, Del.
Lexington Roller Mills Co., Lexington, Ky.
Marionville Roller Mill Co., Marionville, Mo.
National Mill Co., Prospect, O.
Norton & Co., 5 W. Madison St., Chicago, Ill.
Oakgrove Mill Co., Oakgrove, Mo.
Pearl Milling Co., McPherson, Kan.
Phelps & Sibley, Cuba, N. Y.
Plymouth Roller Miller Co., Le Mars, Iowa.
Walter Roberts, Alexandria, Va.
Sioux Milling Co., Sioux City, Iowa.
Augustus Sizer, Aylett, Va.
C. H. Snyder & Son, Milhurst, N. J.
S. H. Veatch Milling Co., Webb City, Mo.
White Cloud Mill & Elevator Co., White Cloud, Kan.

I. CRACKED WHEAT.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.

J. CRUSHED BARLEY.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
Miles & Holman, 17 Jay St., New York.

K. FARINA.
Crete Mills, Crete, Neb.
Del Monte Milling Co., San Francisco, Cal.
Echo Roller Mills, Spokane, Wash.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
Wm. Lea & Sons Co., Wilmington, Del.
National Mill & Elevator Co., Parsons, Kan.
Stobie Cereal Mills, St. Louis, Mo.

L. FLOUR.
Albion Milling Co., Albion, Mich.
Allen & Wheeler, Troy, O.
Alliance Milling Co., Inc., Denton, Tex.
A. O. Arnisen, Cyrus, Minn.
Ashville Milling Co., Ashville, N. C.
Bare Milling Co., Roaring Springs, Pa.
Barnard & Leas Mfg. Co., Moline, Ill.
John Becker, Belen, New Mexico.
Belmont Milling Co., Murfreesboro, Tenn.
Benton County Flouring Mills Co., Corallis, Ore.
J. M. Berry, Augusta, Ga.
Blanton Milling Co., Indianapolis, Ind.
Blish Milling Co., Seymour, Ind.
Bowersock Milling Co., Lawrence, Kan.
Broken Bow Roller Mill, Broken Bow, Neb.
J. B. Buss Mills, St. Louis, Mo.
Wm. Cadick & Son, Grand View, Ind.
L. G. Campbell Mfg. Co., Blooming Prairie, Minn.
Capitol Milling Co., Los Angeles, Cal.
Cargill Bros., Minneapolis, Minn.
J. V. Carithers, Moscow, Idaho.
Cedar Falls Mill Co., Cedar Falls, Iowa.
Champion Roller Mill Co., Richmond, Ind.
C. P. Chapman & Co., Pittsfield, Ill.
L. Christian & Co., Minneapolis, Minn.
Colby Milling Co., Dowagiac, Mich.
Colton Bros., Bellefontaine, O.
Columbia Milling Co., Oakland City, Ind.
Corbin Milling Co., New Harmony, Ind.
Cozard Roller Mill Co., Cozard, Neb.
Crete Mills, Crete, Neb.
L. G. Davis & Co., Rochester, N. Y.
Dick Bros. Milling Co., Quincy, Ill.

Doud-Rogers Milling Co., Boone, Iowa.
Eagle Roller Mill Co., New Ulm, Minn.
Eckhart & Swan Milling Co., 373 Carroll Av., Chicago, Ill.
H. B. Eggers Milling Co., St. Louis, Mo.
P. Ekern Co., Pigeon Falls, Wis.
Elbridge Milling Co., Elbridge, N. Y.
Elling & Hyndman, Sheridan, Mont.
Emporium Milling Co., Emporium, Pa.
Estate of T. S. Mayhurst, Waterloo, Wis.
Everett, Aughenbaugh & Co., Wasceco, Minn.
Florence Milling Co., Florence, Ala.
A. L. Forsha, Forsha, Kan.
C. A. Gambrill Mfg. Co., Baltimore, Md.
Goodlander Milling Co., Fort Scott, Kan.
H. & E. Greenaway, Fowlersville, Mich.
Albert Gribbroek, Rochester, N. Y.
I. B. Groff, Fertility, Pa.
Hardesty Bros., Canal Dover, O.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
B. T. Henry, North Bennington, Vt.
Hubbard Milling Co., Markato, Minn.
Hunter Milling Co., Wellington, Kan.
C. F. Iddings, North Platte, Neb.
Imperial Roller Mills, Dresden, O.
Inter-Mountain Milling Co., Salt Lake City, Utah.
Irwin Flour Mills, Irwin, Pa.
D. Jewell & Son, Broadway & Fulton Sts., Brooklyn, N. Y.
J. B. A. Kern & Sons, Milwaukee, Wis.
W. L. Kidder & Son, Terre Haute, Ind.
King Milling Co., Lowell, Mich.
H. J. Klingler & Co., Butler, Pa.
Kutnewsky Bros., Redfield, S. D.
Lake City Flouring Mill Co., Lake City, Minn.
Wm. Lea & Sons Co., Wilmington, Del.
William C. Leistikow, Grafton, N. Dak.
Lexington Roller Mills Co., Lexington, Ky.
Lidgerwood Mill Co., Lidgerwood, N. Dak.
Lincoln Roller Mills, Lincoln, Ill.
Los Angeles Farming & Milling Co., Los Angeles, Cal.
Lukins & North, Atchison, Kan.
Lyon, Clement & Greenleaf Co., Wauseon, O.
Marionville Roller Mill Co., Marionville, Mo.
W. A. McArthur Co., Ltd., Cheboygan, Mich.
Meyer & Brilte, Clinton, Mo.
John F. Meyer & Sons, Springfield, Mo.
Miles & Son, Frankfort, Ky.
Millbourne Mills Co., 26 S. 15th St., Philadelphia, Pa.
R. P. Moore Milling Co., Princeton, Ind.
Muscogee Roller Milling Co., Muscogee, Ind. Ter.
National Mill Co., Prospect, O.
Newton Milling & Elevator, Newton, Kan.
Norton & Co., 5 W. Madison St., Chicago, Ill.
Oakgrove Mill Co., Oakgrove, Mo.
Omaha Elevator Co., Omaha, Neb.
Orrville Milling Co., Orrville, O.
Pearl Milling Co., McPherson, Kan.
Phelps & Sibley, Cuba, N. Y.
Phoenix Milling Co., Davenport, Iowa.
Chas. H. Pillsbury & Co., Minneapolis, Minn.
Geo. P. Plant Milling Co., St. Louis, Mo.
Port Jefferson Milling Co., Port Jefferson, N. Y.
Queen City Mills, Springfield, Mo.
Rogers Milling Co., Rogers, Ark.
Salina Mill & Elevator Co., Salina, Kan.
Sanford & Evans, Helena, Mont.
Saxony Mills, St. Louis, Mo.
Schoellkopf & Matthews, Buffalo, N. Y.
Scouller Milling Co., North East, Pa.
Sleepy Eye Milling Co., Sleepy Eye, Minn.
E. O. Stanard Milling Co., St. Louis, Mo.
Stobie Cereal Mills, St. Louis, Mo.
Frederick W. Stock, Hillsdale, Mich.
A. Strickler's Sons, Lebanon, Pa.
Taylor Bros. & Co., Quincy, Ill.
Texas Star Flour Mills, Galveston, Tex.
Thornton & Chester, Buffalo, N. Y.

L. Tinkel Co., Kalispell, Mont.
Valley City Milling Co., Grand Rapids, Mich.
S. H. Veatch Milling Co., Webb City, Mo.
Voigt Milling Co., Grand Rapids, Mich.
Walsh-De Roo Milling Co., Holland, Mich.
Warren Mills Co., Warren, Pa.
Washburn, Crosby & Co., Minneapolis, Minn.
White Cloud Mill & Elevator Co., White Cloud, Kan.
Whitney & Wilson, Rochester, N. Y.
Jas. Wilson & Co., Rochester, N. Y.
Winona Mill Co., Winona, Minn.
Wysor & Hibbits, Muncie, Ind.
Zenith Milling Co., Kansas City, Mo.

M. GRAHAM FLOUR.
A. O. Arnisen, Cyrus, Minn.
Ashville Milling Co., Ashville, N. C.
Bare Milling Co., Roaring Spring, Pa.
Colby Milling Co., Dowagiac, Mich.
Cozad Roller Mill Co., Cozad, Neb.
Crete Mills, Crete, Neb.
Eagle Roller Mills, Independence, Kan.
Echo Roller Mills, Spokane, Wash.
Estate of T. S. Hayhurst, Waterloo, Wis.
A. L. Forsha, Forsha, Kan.
Hastings Malting Co., Hastings, Minn.
B. T. Henry, North Bennington, Vt.
Imperial Roller Mills, Dresden, O.
Inter-Mountain Milling Co., Salt Lake City, Utah.
International Roller Mills, Sterling, Kan.
Irwin Flour Mills, Irwin, Pa.
Kearney Cereal Mills, Kearney, Neb.
Marionville Roller Mill Co., Marionville, Mo.
Oakgrove Mill Co., Oakgrove, Mo.
C. H. Snyder & Son, Milhurst, N. J.

N. GRITS, BREWERS'.
Sioux Milling Co., Sioux City, Iowa.

O. GRITS, HOMINY.
Durst Milling Co., Dayton, O.
Hudnut Co., Terre Haute, Ind.
Indianapolis Hominy Mills, Indianapolis, Ind.
Lafayette Hominy Mill Co., Lafayette, Ind.
Wm. Lea & Sons Co., Wilmington, Del.
Norton & Co., 5 W. Madison St., Chicago, Ill.
Sioux Milling Co., Sioux City, Iowa.
Walsh-De Roo Milling Co., Holland, Mich.

P. GRITS, WHEAT.
Asheville Milling Co., Asheville, N. C.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
Marionville Roller Mill Co., Marionville, Mo.

Q. HOMINY.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
H. O. Co., 71 Park Place, New York.
Hudnut Co., Terre Haute, Ind.
Indianapolis Hominy Mills, Indianapolis, Ind.
John C. Klauder, 1900 N. 6th St., Philadelphia, Pa.
Lafayette Hominy Mill Co., Lafayette, Ind.
Wm. Lea & Sons Co., Wilmington, Del.
Miles & Holman, 17 Jay St., New York.
Sioux Milling Co., Sioux City, Iowa.
Terre Haute Hominy Mills Co., Terre Haute, Ind.

R. OATMEAL.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
H. O. Co., 71 Park Place, New York.
Hower Cereal Coffee Co., Akron, O.
Miles & Holman, 17 Jay St., New York.
John Milne, Hillsboro, Ore.
Minneota Roller Mills, Minneota, Minn.
Muscatine Oat Meal Co., Muscatine, Iowa.
Nebraska City Cereal Mills, Nebraska City, Neb.
Newell Bros. Mill, Cleveland, O.
Pillsbury-Washburn Flour Mills Co., Minneapolis, Minn.
Sioux Milling Co., Sioux City, Iowa.
Stobie Cereal Mills, St. Louis, Mo.

S. PEARL BARLEY.
Hudnut Co., Terre Haute, Ind.

T. PREPARED CEREALS.
Henry C. Blair, 800 Walnut St., Philadelphia, Pa.
Cereals Mfg. Co., 83 Murray St., New York.
Crete Mills, Crete, Neb.
Health Food Co., 61 5th Av., New York.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
Hudnut Co., Terre Haute, Ind.
Indianapolis Hominy Mills, Indianapolis, Ind.
Potter & Wrightington, Boston, Mass.

REFERENCE LIBRARY UNIVERSITY

Sanitas Nut Food Co., Ltd., Battle Creek, Mich.
Sioux Milling Co., Sioux City, Iowa.
Stobie Cereal Mills, St. Louis, Mo.

U. RICE.
John Barkley & Co., New Orleans, La.
Nicholas Burke Co., Ltd., New Orleans, La.
Delgado & Co., New Orleans, La.
Georgetown Rice Milling Co., Georgetown, S. C.
Gustave A. Jahn & Co., 98 Wall St., New York.
Isaac Levy, New Orleans, La.
Thomas McDermott, New Orleans, La.
Mill Bros., Fenton, La.
A. B. Murray, Charlestown, S. C.
Newman & Mims, Elliot, S. C.
People's Independent Rice Milling Co., Crowley, La.
Dan Talmage's Sons Co., 112 Water St., New York.
T. J. Thompson, New Orleans, La.
Wall Rice Milling Co., Lake Charles, La.
S. M. Ward & Co., Georgetown, S. C.
Welsh Rice Milling Co., Welsh, La.
West Point Mill Co., Charlestown, S. C.

V. ROLLED OATS.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.
Kearney Cereal Mills, Kearney, Neb.
Muscatine Oat Meal Co., Muscatine, Iowa.

W. ROLLED WHEAT.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.

X. RYE FLOUR.
A. O. Arnisen, Cyrus, Minn.
Boutevell Milling & Grain Co. of Troy, Troy, N. Y.
Cozad Roller Mill Co., Cozad, Neb.
Crete Mills, Crete, Neb.
Echo Roller Mills, Spokane, Wash.
Eckhart & Swan Milling Co., 373 Carroll St., Chicago, Ill.
Estate of T. S. Hayhurst, Waterloo, Wis.
Globe Milling Co., Watertown, Wis.
Goodlander Milling Co., Fort Scott, Kan.
B. T. Henry, North Bennington, Vt.
Inter-Mountain Milling Co., Salt Lake City, Utah.
Kearney Cereal Mills, Kearney, Neb.
H. J. Klingler & Co., Butler, Pa.
Plymouth Roller Mill Co., Le Mars, Iowa.
C. H. Snyder & Son, Milhurst, N. J.

Y. SELF-RAISING PANCAKE FLOUR.
Doud-Rogers Milling Co., Boone, Iowa.
Sioux Milling Co., Sioux City, Iowa.

Z. TAPIOCA.
E. R. Durkee & Co., 135 Water St., New York.
Hecker-Jones-Jewell Milling Co., 206 Produce Exch., N. Y.

AA. WHOLE WHEAT FLOUR.
Asheville Milling Co., Asheville, N. C.
Crete Mills, Crete, Neb.
Eagle Roller Mills, Independence, Kan.
D. E. Wood Butter Co., Elgin, Ill.
York Center Creamery Co., Waterloo, Wis.

2626. HAMS.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Armour Packing Co., Kansas City, Mo.
J. Cassard & Co., Baltimore, Md.
Cudahy Packing Co., South Omaha, Neb.
Charles Davis & Co., Cincinnati, O.
Jacob Dold Packing Co., Buffalo, N. Y.
F. A. Ferris & Co., 262 Mott St., New York.
Halstead & Co., 200 Forsyth St., New York.
Geo. H. Hammond Co., Hammond, Ind.
International Packing Co., 169 Jackson St., Chicago, Ill.
Kingan & Co., Indianapolis, Ind.
Libby, McNeill & Libby, 242 S. Water St., Chicago, Ill.
J. H. Michener & Co., 956 N. Front St., Philadelphia, Pa.
Nelson Morris & Co., 147 S. Water St., Chicago, Ill.
North Packing & Provision Co., Boston, Mass.
John C. Roth Packing Co., Cincinnati, O.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.
John P. Squire & Co., Boston, Mass.
Swift & Co., Inc., Union Stock Yards, Chicago, Ill.
Richard Webber, 208 E. 120th St., New York.
Francis Whittaker & Sons Co., St. Louis, Mo.

A. BEEF HAMS.
John C. Roth Packing Co., Cincinnati, O.

2627. HONEY.
Farrell & Co., Omaha, Neb.
Mrs. Anna Muth, Cincinnati, O.
A. I. Root Co., Medina, O.

2628. ITALIAN PASTE.

A. FANCY PASTE.
Guano & Raggio, 924 S. 7th St., Philadelphia, Pa.

B. MACARONI.
Frank Cuneo, 801 Christian St., Philadelphia, Pa.

Pedro Daussa, 445 West St., New York.
Guano & Raggio, 924 S. 7th St., Philadelphia, Pa.
Italian Macaroni Co., Utica, N. Y.
Longles Factory, New Orleans, La.
Chas. Maull Macaroni Co., St. Louis, Mo.
Stobie Cereal Mills, St. Louis, Mo.
Wieerdemann Co., Cincinnati, O.

C. VERMICELLI.
Frank Cuneo, 801 Christian St., Philadelphia, Pa.
Pedro Daussa & Co., 445 West St., New York.
Guano & Raggio, 924 S. 7th St., Philadelphia, Pa.
Longles Factory, New Orleans, La.
Chas. Maull Macaroni Co., St. Louis, Mo.
Stobie Cereal Mills, St. Louis, Mo.
Wieerdemann Co., Cincinnati, O.

2629. JUNKET TABLETS.
Chr. Hansins Laboratory, Little Falls, N. Y.

2630. LARD.
Abel & Co., Macon, Ga.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Burckhardt & Co., Cincinnati, O.
J. Cassard Co., Baltimore, Md.
Central Lard Co., 509 W. 33d St., New York.
Cudahy Packing Co., South Omaha, Neb.
Charles Davis & Co., Cincinnati, O.
Jacob Dold Packing Co., Buffalo, N. Y.
N. K. Fairbank Co., 277 Dearborn St., Chicago, Ill.
Geo. Fowler, Son & Co., Ltd., Kansas City, Mo.
P. T. George & Co., Baltimore, Md.
G. H. Hammond Co., Hammond, Ind.
Hately Bros., 169 Jackson Boulevard, Chicago, Ill.
International Packing Co., 169 Jackson St., Chicago, Ill.
Kingan & Co., Indianapolis, Ind.
Henry Krug Packing Co., St. Joseph, Mo.
Nelson Morris & Co., 147 S. Water St., Chicago, Ill.
North Packing & Provision Co., Boston, Mass.
Rohe & Bro., 344 Produce Exchange, New York.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.
John P. Squire & Co., Inc., East Cambridge, Mass.
Richard Webber, 208 E. 120th St., New York.
Francis Whittaker, Sons Co., St. Louis, Mo.
W. J. Wilcox Lard & Refining Co., 211 Prod. Exch., N. Y.

2631. MINCE MEAT.
Henry A. Dougherty, Port Byron, N. Y.
Gordon & Dilworth, 561 Greenwich St., New York.
Henderson & Co., Weedsport, N. Y.
Merrell-Soule Co., Syracuse, N. Y.
Oneida Community, Ltd., Community, N. Y.
P. J. Ritter Conserve Co., 2156 E. Dauphin St., Phila., Pa.

2632. MOLASSES.
M. H. Alexander & Co., New Orleans, La.
John Barkley & Co., New Orleans, La.
J. A. Blackman, Jr., New Orleans, La.
C. D. Chase Syrup Co., St. Louis, Mo.
Delgado & Co., New Orleans, La.
Farrell & Co., Omaha, Neb.
Wm. Henderson, New Orleans, La.
Gustave A. Jahn & Co., 98 Wall St., New York.
W. J. McCahan Sugar Refining Co., 147 S. Front, Phila., Pa.
Thomas McDermott, New Orleans, La.
O'Donnell & Love, New Orleans, La.
Penick & Ford, Shreveport, La.
Wiseman & Wallace, Philadelphia, Pa.

2633. NUDELS.
Italian Macaroni Co., Utica, N. Y.
Chas. Maull Macaroni Co., St. Louis, Mo.

2634. OLEOMARGARINE.
Ammon & Person, Jersey City, N. J.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Armour Packing Co., 12 Manhattan Market, New York.
Brown & Fitts, Inc., 229 S. Water St., Chicago, Ill.
Friedman Mfg. Co., Union Stock Yards, Chicago, Ill.
Goshen Mfg. Co., Providence, R. I.
G. H. Hammond Co., Hammond, Ind.
W. J. Moxley, Inc., 503 W. Van Buren St., Chicago, Ill.
John Reardon & Sons, Boston, Mass.
Swift & Co., Chicago, Ill.
Union Dairy Co., Cleveland, O.
Woodlawn Dairy Co., Pawtucket, R. I.

2635. PEANUTS.
American Peanut Co., Norfolk, Va.
Atlantic Peanut Co., Norfolk, Va.
Columbian Peanut Co., Norfolk, Va.
J. S. Cooley & Co., Nashville, Tenn.

Gwaltney & Bunkley Peanut Co., Smithfield, Va.
Norfolk Storage Co., Norfolk, Va.
Norfolk-Virginia Peanut Co., Norfolk, Va.
Smithfield Peanut Co., Smithfield, Va.
J. Weller Co., Cincinnati, O.

A. PEANUT BUTTER.
Atlantic Peanut Refinery, 145 S. Front St., Philadelphia, Pa.

B. SALTED PEANUTS.
Geo. A. Bayle, St. Louis, Mo.
St. Louis Pretzel Co., St. Louis, Mo.

2636. PEAS.
Globe Pea Co., Norfolk, Va.
Miles & Holman, 17 Jay St., New York.

2637. PORK.
Bechstein & Co., 46th & Packers Av., Stock Yds., Chic., Ill.
Coffin, Greenstreet & Fletcher, Indianapolis, Ind.
Jacob Dold Packing Co., Buffalo, N. Y.
E. H. Dougherty & Co., 355 Produce Exch., New York.
Geo. Fowler, Son & Co., Ltd., Kansas City, Mo.
G. H. Hammond Co., Hammond, Ind.
International Packing Co., 169 Jackson St., Chicago, Ill.
Jersey City Packing Co., Jersey City, N. J.
Kingan & Co., Indianapolis, Ind.
Henry Krug Packing Co., St. Joseph, Mo.
Jas. Moore, Jr., 45 Water St., New York.
Nelson Morris & Co., 147 S. Water St., Chicago, Ill.
North Packing & Provision Co., Boston, Mass.
Rohe & Bros., 344 Produce Exchange, New York.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.
John P. Squire & Co., Inc., East Cambridge, Mass.
Swift & Co., Inc., Union Stock Yards, Chicago, Ill.
Francis Whittaker & Sons Co., St. Louis, Mo.

2638. POTATO CHIPS.
St. Louis Pretzel Co., St. Louis, Mo.

2639. POTTED GOODS.

A. POTTED CHEESE.
St. Louis Pretzel Co., St. Louis, Mo.

B. POTTED FOWL.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Curtice Bros. Co., Rochester, N. Y.
Richardson & Robbins, Dover, Del.

C. POTTED GAME.
Curtice Bros. Co., Rochester, N. Y.
Franco-American Food Co., Jersey City, N. J.
Richardson & Robbins, Dover, Del.

D. POTTED HAM.
Armour & Co., Chicago, Ill.
Curtice Bros. Co., Rochester, N. Y.

E. POTTED MEATS.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Mullen-Blockledge Co., Indianapolis, Ind.

F. POTTED TONGUE.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Curtice Bros. Co., Rochester, N. Y.
Richardson & Robbins, Dover, Del.

2640. PRESERVES.
San Jose Fruit Packing Co., San Jose, Cal.
W. M. Spencer & Son, Cincinnati, O.
J. Weller Co., Cincinnati, O.

A. APPLE BUTTER.
Erie Preserving Co., Buffalo, N. Y.

B. APPLE SAUCE.
Brattleboro Jelly Co., Brattleboro, Vt.
Erie Preserving Co., Buffalo, N. Y.

C. BRANDIED FRUITS.
Gordon & Dilworth, 561 Greenwich St., New York.
Walden & Co., 41 Beaver St., New York.

D. FRUIT BUTTER.
Curtice Bros. Co., Rochester, N. Y.
Erie Preserving Co., Buffalo, N. Y.
H. J. Heinz Co., Pittsburg, Pa.
P. J. Ritter Conserve Co., 2156 E. Dauphin St., Phila., Pa.
W. M. Spencer & Son, Cincinnati, O.

E. JAMS.
Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
E. T. Cowdrey & Co., Boston, Mass.
Erie Preserving Co., Buffalo, N. Y.
Gordon & Dilworth, 561 Greenwich St., New York.
Kemp, Day & Co., 116 Will St., New York.
Oneida Community, Ltd., Community, N. Y.
P. J. Ritter Conserve Co., 2156 E. Dauphin St., Phila., Pa.
San Jose Fruit Packing Co., San Jose, Cal.

F. JELLIES.
Ann Arbor Fruit & Vinegar Co., Ann Arbor, Mich.
Brattleboro Jelly Co., Brattleboro, Vt.
Bryan & Co., 1704 N. 4th St., Philadelphia, Pa.
Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
Wm. H. Cohen & Co., 229 Washington St., New York.
Erie Preserving Co., Buffalo, N. Y.
Fournier & Schiller Co., Central Falls, R. I.
Gordon & Dilworth, 561 Greenwich St., New York.
Humbert & Andrews, 646 Dean St., Brooklyn, N. Y.
Kemp, Day & Co., 116 Wall St., New York.
Wm. Numsen & Sons, Baltimore, Md.

Oneida Community, Ltd., Community, N. Y.
Reber Preserving Co., 10 River St., Chicago, Ill.
P. J. Ritter Conserve Co., 2156 Dauphin St., Phila., Pa.
San Jose Fruit Packing Co., San Jose, Cal.
T. A. Snider Preserve Co., Cincinnati, O.
W. M. Spencer & Son, Cincinnati, O.
T. B. Truesdell, 362 Greenwich St., New York.
J. Weller Co., Cincinnati, O.

G. MARMALADES.
Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
Gordon & Dilworth, 561 Greenwich St., New York.
San Jose Fruit Packing Co., San Jose, Cal.

H. PRESERVED FIGS.
Barataria Canning Co., Biloxi, Miss.
G. W. Dunbar's Sons, New Orleans, La.
Woodard & Stone Co., Watertown, Wis.

I. PRESERVED LIMES.
G. W. Dunbar's Sons, New Orleans, La.
Erie Preserving Co., Buffalo, N. Y.
Gordon & Dilworth, 561 Greenwich St., New York.
Oneida Community, Ltd., Community, N. Y.
San Jose Fruit Packing Co., San Jose, Cal.

J. PRESERVED ORANGES.
Gordon & Dilworth, 561 Greenwich St., New York.

K. PRESERVED TABLE FRUITS.
Curtice Bros. Co., Rochester, N. Y.
Gordon & Dilworth, 561 Greenwich St., New York.
Marysville Fruit Pkg. Co., Marysville, Cal.

2641. PRETZELS.
Allentown Pretzel Co., Allentown, Pa.
Geo. A. Bayle, St. Louis, Mo.
St. Louis Pretzel Co., St. Louis, Mo.

2642. RAISINS.
Anderson, Wolton & Godfrey, Riverside, Cal.
Bonner Vineyard Co., Fresno, Cal.
A. B. Butler & Co., Fresno, Cal.
California Raisin Growers' Association, Fresno, Cal.
Castle Bros., Fresno, Cal.
Chaddock & Co., Fresno, Cal.
Co-Operative Packers' Association, Fresno, Cal.
Fresno Home Packing Co., Fresno, Cal.
Golden West Packing Co., Fresno, Cal.
A. L. Hobbs, Fresno, Cal.
J. B. Inderrieden & Co., 36 River St., Chicago, Ill.
Malaga Co-Operative Packing Association, Malaga, Cal.
Pattee & Lett Co., Riverside, Cal.
Phoenix Raisin Seeding & Packing Co., Fresno, Cal.
Producers' Packing Co., Fresno, Cal.
Producers' Raisin Packing Co., Fresno, Cal.
Seropian Bros., Fresno, Cal.

2643. RELISHES.

A. CATSUP, TOMATO.
Geo. A. Bayle, St. Louis, Mo.
Blue Grass Canning Co., Owensboro, Ky.
Henry G. Becht, Cedar Rapids, Iowa.
Wm. H. Cohen & Co., 229 Washington St., New York.
Curtice Bros. Co., Rochester, N. Y.
Gordon & Dilworth, 561 Greenwich St., New York.
Chas. Gulden, 48 Elizabeth St., New York.
E. C. Hazard & Co., 117 Hudson St., New York.
H. J. Heinz Co., Pittsburg, Pa.
Jersey Packing Co., Hamilton, O.
Keokuk Pickle Co., Keokuk, Iowa.
Francis H. Leggett & Co., 128 Franklin St., New York.
Mullen-Blockledge Co., Indianapolis, Ind.
Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
P. J. Ritter Conserve Co., 2156 E. Dauphin St., Phila., Pa.
St. Louis Pretzel Co., St. Louis, Mo.
T. A. Snider Preserve Co., Cincinnati, O.
W. M. Spencer & Son, Cincinnati, O.
Steele Bros., New Britain, Conn.
T. B. Trusdell, 362 Greenwich St., New York.
Van Camp Packing Co., Indianapolis, Ind.
J. Weller Co., Cincinnati, O.

B. CELERY SALT.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
Penna. Chemical Works, 1332 Washington Av., Phila., Pa.

C. CHILI SAUCE.
Mullen-Blockledge Co., Indianapolis, Ind.

D. CHOWCHOW.
Geo. A. Bayle, St. Louis, Mo.
Henry G. Breecht, Cedar Rapids, Iowa.
Chas. Gulden, 48 Elizabeth St., New York.
Keokuk Pickle Co., Keokuk, Iowa.
Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
Skilton, Foote & Co., Boston, Mass.

E. FISH SAUCE.
Chas. Gulden, 48 Elizabeth St., New York.

F. GHERKINS.	Gordon & Dilworth, 561 Greenwich St., New York.
	Skilton, Foote & Co., Boston, Mass.
G. HORSE RADISH.	Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
	Skilton, Foote & Co., Boston, Mass.
H. PEPPER SAUCE.	Falcon Packing Co., 91 Hudson St., New York.
	E. C. Hazard & Co., 117 Hudson St., New York.
	Keokuk Pickle Co., Keokuk, Iowa.
	Paducah Vinegar Works, Paducah, Ky.
I. PICKLES.	Amazon Vinegar & Pickling Works, Davenport, Iowa.
	Geo. A. Bayle, St. Louis, Mo.
	Brattleboro Jelly Co., Brattleboro, Vt.
	Henry G. Brecht, Cedar Rapids, Iowa.
	Wm. H. Cohen & Co., 229 Washington St., New York.
	H. C. Dodge & Co., 605 W. 36th St., New York.
	M. A. Gedney Pickling Co., Minneapolis, Minn.
	B. F. Gentsch & Sons, Buffalo, N. Y.
	Globe Pickle Co. of St. Louis, St. Louis, Mo.
	H. J. Heinz Co., Pittsburg, Pa.
	Kemp, Day & Co., 116 Wall St., New York.
	Keokuk Pickle Co., Keokuk, Iowa.
	Kuner Pickle Co., Denver, Col.
	Leroux Cider & Vinegar Co., Toledo, O.
	W. K. Lewis & Bros., Boston, Mass.
	Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
	J. P. & D. Plummer, Boston, Mass.
	St. Louis Pretzel Co., St. Louis, Mo.
	Skilton, Foote & Co., Boston, Mass.
	W. M. Spencer & Son, Cincinnati, O.
	Steele Bros., New Britain, Conn.
	T. B. Truesdell, 362 Greenwich St., New York.
	J. Weller Co., Cincinnati, O.
	Williams Bros., Detroit, Mich.
J. PREPARED MUSTARD.	Geo. A. Bayle, St. Louis, Mo.
	Paducah Vinegar Works, Paducah, Ky.
	St. Louis Pretzel Co., St. Louis, Mo.
K. SPICED SWEET PICKLES.	Gordon & Dilworth, 561 Greenwich St., New York.
	Oneida Community, Ltd., Community, N. Y.
	Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
L. TABLE SAUCE.	Geo. A. Bayle, St. Louis, Mo.
	Wm. H. Cohen & Co., 229 Washington St., New York.
	E. T. Cowdrey Co., Boston, Mass.
	E. R. Durkee & Co., 135 Water St., New York.
	A. C. Fitzpatrick & Co., 112 Hudson St., New York.
	Gordon & Dilworth, 565 Greenwich St., New York.
	Chas. Gulden, 48 Elizabeth St., New York.
	E. C. Hazard & Co., 117 Hudson St., New York.
	H. J. Heinz Co., Pittsburg, Pa.
	Keokuk Pickle Co., Keokuk, Iowa.
	Kuner Pickle Co., Denver, Col.
	Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
	Pure Food Canning Co., Adrian, Mich.
	St. Louis Pretzel Co., St. Louis, Mo.
	Soyer Sauce Co., Meadville, Pa.
	T. B. Truesdell, 362 Greenwich St., New York.
	J. Weller Co., Cincinnati, O.
2644. SALAD DRESSING.	Geo. A. Bayle, St. Louis, Mo.
	E. R. Durkee & Co., 135 Water St., New York.
	A. C. Fitzpatrick & Co., 112 Hudson St., New York.
	Gordon & Dilworth, 565 Greenwich St., New York.
	Chas. Gulden, 48 Elizabeth St., New York.
	E. C. Hazard & Co., 117 Hudson St., New York.
	Horton-Cato Mfg. Co., Detroit, Mich.
	Mullen-Blockledge Co., Indianapolis, Ind.
	Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
	P. J. Ritter Conserve Co., 2156 E. Dauphin St., Phila., Pa.
	St. Louis Pretzel Co., St. Louis, Mo.
2645. SALAD OIL.	American Cotton Oil Co., Cincinnati, O.
	Ellwood Cooper, Santa Barbara, Cal.
	Hamell & Cortright, 25 S. Front St., Philadelphia, Pa.
	Manhattan Oil Co., 51 Front St., New York.
	John A. Scheel, 28 Moore St., New York.
	Swan & Finch Co., 151 Maiden Lane, New York.
	Union Oil Co., Providence, R. I.
	Henry Wichert, 77 W. Lake St., Chicago, Ill.
2646. SALTED SALMON.	Alaska Packers' Association, San Francisco, Cal.
2647. SALT, TABLE.	A. T. Bliss, Saginaw, Mich.

Bradley Salt Co., Warsaw, N. Y.
Jas. I. Carter & Co., Detroit, Mich.
Corwin & Dennis, Williamston, Mich.
W. W. Dunham, Saginaw, Mich.
E. R. Durkee & Co., 135 Water St., New York.
C. K. Eddy & Sons, Saginaw, Mich.
Eddy, Avery & Eddy, Bay City, Mich.
Eddy Bros. & Co., Bay City, Mich.
A. H. Freeman, Syracuse, N. Y.
Green, Ring & Co., Saginaw, Mich.
W. C. Gouinlock, Warsaw, N. Y.
Hawley Salt Co., Warsaw, N. Y.
Huber & Fuhrman Drug Mills, Fond du Lac, Wis.
T. F. Johnson & Co., Newark, N. J.
Kansas Salt Co., Hutchison, Kan.
Kern Mfg. Co., West Bay City, Mich.
H. M. Loud & Sons' Lumber Co., Oscoda, Mich.
McEwan Bros. & Co., Inc., Bay City, Mich.
National Salt Co., New York.
Penn. Salt Mfg. Co., 115 Chestnut St., Philadelphia, Pa.
Pitts & Co., Bay City, Mich.
W. B. Rouse, Bay City, Mich.
Rust Bros. & Co., Saginaw, Mich.
Saginaw Lumber & Salt Co., Saginaw, Mich.
South End Lumber & Salt Co., Bay City, Mich.
Stickney & Poor Spice Co., Boston, Mass.
Wadsworth Salt Co., Wadsworth, O.
Warsaw Salt Co., Warsaw, N. Y.

2648. SAUER KRAUT.
Leroux Cider & Vinegar Co., Toledo, O.
Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
W. M. Spencer & Son, Cincinnati, O.

2649. SAUSAGES.
Abel & Co., Macon, Ga.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Armour Packing Co., Kansas City, Mo.
Joseph Bacharach, 347 Greenwich St., New York.
Blumenhagen & Epding, 469 N. Ashland Av., Chicago, Ill.
Cudahy Packing Co., Omaha, Neb.
L. Frank & Son Packing Co., Milwaukee, Wis.
German-American Provision Co., 10 River St., Chicago, Ill.
Wm. A. Gropp, Rochester, N. Y.
G. H. Hammond & Co., Hammond, Ind.
Libby, McNeill & Libby, 242 S. Water St., Chicago, Ill.
North Packing & Provision Co., Boston, Mass.
Swift & Co., Union Stock Yards, Chicago, Ill.

2650. SMOKED BEEF TONGUES.
Abel & Co., Macon, Ga.
Armour & Co., 205 Lasalle St., Chicago, Ill.
Armour Packing Co., Kansas City, Mo.
Cudahy Packing Co., Omaha, Neb.
F. A. Ferris & Co., 262 Mott St., New York.
L. Frank & Son Packing Co., Milwaukee, Wis.
German-American Provision Co., 10 River St., Chicago, Ill.
G. H. Hammond Co., Hammond, Ind.
Kingan & Co., Indianapolis, Ind.
Libby, McNeill & Libby, 242 S. Water St., Chicago, Ill.
Jas. Moore, Jr., 45 Water St., New York.
North Packing & Provision Co., Boston, Mass.
Rohe & Bro., 344 Produce Exchange, New York.
Swift & Co., Union Stock Yards, Chicago, Ill.

2651. SPICES, GROUND.
Clawson Co., 45 S. 2d St., Philadelphia, Pa.
A. Colburn Co., 112 N. 2d St., Philadelphia, Pa.
W. G. Dean & Son, 361 Washington St., New York.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
Graver, Gery & Co., 209 Front St., Philadelphia, Pa.
R. Hillier's Son Co., 100 William St., New York.
St. Louis Pretzel Co., St. Louis, Mo.
Stickney & Poor Spice Co., Boston, Mass.
Samuel Wilde's Sons, 13 Dutch St., New York.
Wood & Selick, 36 Hudson St., New York.
Woolson Spice Co., Toledo, O.

A. CAYENNE PEPPER.
A. Colburn & Co., 112 N. 2d St., Philadelphia, Pa.
E. R. Durkee & Co., 135 Water St., New York.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
Woolson Spice Co., Toledo, O.

B. MUSTARD.
Henry G. Brecht, Cedar Rapids, Iowa.
C. C. Burr & Co., San Francisco, Cal.

R. C. Chance's Sons, 433 Spruce St., Philadelphia, Pa.
A. Colburn Co., 112 N. 2d St., Philadelphia, Pa.
D. C. Danore, New Orleans, La.
W. G. Dean & Son, 361 Washington St., New York.
H. R. Droste & Co., Cincinnati, O.
E. R. Durkee & Co., 135 Water St., New York.
B. Fischer & Co., 397 Greenwich St., New York.
Fisher Packing Co., San Francisco, Cal.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
B. F. Gentsch's Sons, Buffalo, N. Y.
Graver, Gery & Co., 209 N. Front St., Philadelphia, Pa.
J. B. Grumann, 78 Greenwich St., New York.
Charles Gulden, 48 Elizabeth St., New York.
W. A. Harrison & Co., Cincinnati, O.
James Heekin & Co., Cincinnati, O.
Horton-Cato Mfg. Co., Detroit, Mich.
Keokuk Pickle Co., Keokuk, Iowa.
Kuner Pickle Co., Denver, Col.
Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
W. M. Spencer Co., Cincinnati, O.
Stickney & Poor Spice Co., Boston, Mass.
Woolson Spice Co., Toledo, O.

C. SPICE MIXTURES.
E. R. Durkee & Co., 135 Water St., New York.
Horton-Cato Mfg. Co., Detroit, Mich.
Woolson Spice Co., Toledo, O.

2652. STARCH.
American Glucose Co., Buffalo, N. Y.
Argo Starch Mfg. Co., Nebraska City, Neb.
Baker & Adamson Chemical Co., Easton, Pa.
Hiram Barker & Co., Boston, Mass.
Celluloid Starch Co., New Haven, Conn.
Chicago Sugar Refining Co., Chicago, Ill.
Wm. Dreydoppel, 208 N. Front St., Philadelphia, Pa.
Arthur S. Hoyt, 90 W. Broadway, New York.
J. C. Hubinger Bros. Co., Keokuk, Iowa.
T. Kingsford & Son, Oswego, N. Y.
Charles Morningstar & Co., 48 Park Place, New York.
National Starch Mfg. Co., 1 Broadway, New York.
Stein, Hirsh & Co., 2599 Archer Av., Chicago, Ill.

A. CORN STARCH.
American Glucose Co., Buffalo, N. Y.
Argo Starch Manufactory, Nebraska City, Neb.
T. Kingsford & Son, Oswego, N. Y.
Stein, Hirsh & Co., 2599 Archer Av., Chicago, Ill.

2653. SUGAR.
American Sugar Refining Co., 117 Wall St., New York.
Arbuckle Bros., 71 Water St., New York.
John Barkley & Co., New Orleans, La.
Geo. H. Bernos, New Orleans, La.
Theo. Brierre's Sons, New Orleans, La.
Chicago Sugar Refining Co., W. Taylor St., Chicago, Ill.
Frank R. Cogswell, New Orleans, La.
Foster De Buys, New Orleans, La.
Delgado & Co., New Orleans, La.
William H. Emerson, Boston, Mass.
Franklin Sugar Refining Co., 701 S. Front St., Phila., Pa.
M. E. Garvey & Co., New Orleans, La.
Glucose Sugar Refining Co., The Rookery, Chicago, Ill.
Henry L. Hobart & Co., New Orleans, La.
Wm. Henderson, New Orleans, La.
B. H. Howell, Son & Co., 109 Wall St., New York.
Gustave A. Jahn & Co., 98 Wall St., New York.
Louisiana Planter & Sugar Mfg. Co., New Orleans, La.
W. J. McCahan Co., 149 S. Front St., Philadelphia, Pa.
Thos. McDermott, New Orleans, La.
John B. Meyers, New Orleans, La.
Mollenhauer Sugar Refining Co., Kent Av., Brooklyn, N. Y.
National Starch Mfg. Co., Covington, Ky.
National Sugar Refining Co., Yonkers, N. Y.
Spreckels Sugar Refining Co., Stock Exch. Pl., Phila., Pa.
N. W. Taussig & Co., 111 Wall St., New York.
Western Sugar Refining Co., San Francisco, Cal.
Woolson Spice Co., Toledo, O.

A. BEET SUGAR.
Chino Valley Beet Sugar Co., Chino, Cal.
Oxnard Beet Sugar Co., Grand Island, Neb.

B. GRAPE SUGAR.
Glucose Sugar Refining Co., The Rookery, Chicago, Ill.

C. MAPLE SUGAR.
J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
Brattleboro Jelly Co., Brattleboro, Vt.
Brooks & Smith, Nashville, Mich.

	Dryden & Palmer, Bedford Av. & N. 12th St., B'klyn, N. Y.
D. SUGAR OF MILK.	Hayne & Whitaker, Antwerp, N. Y.
2654. SYRUP.	American Glucose Co., Buffalo, N. Y.
	Joseph Caballero, New Orleans, La.
	C. D. Chase Syrup Co., St. Louis, Mo.
	G. W. Dunbar's Sons, New Orleans, La.
	Farrell & Co., Omaha, Neb.
	Glucose Sugar Refining Co., The Rookery, Chicago, Ill.
	Hance Bros. & White, 621 Callowhill St., Philadelphia, Pa.
	Gustave A. Jahn & Co., 98 Wall St., New York.
	Wm. Lang & Son, 323 S. Lawrence St., Philadelphia, Pa.
	McCahan Sugar Refining Co., 147 S. Front St., Phila., Pa.
	Mollenhauer Sugar Refining Co., Kent Av., Brooklyn, N. Y.
	National Sugar Refining Co., Yonkers, N. Y.
	D. B. Scully Syrup Co., 48 S. Water St., Chicago, Ill.
	Spreckels' Sugar Refining Co., Stock Exch. Pl., Phila., Pa.
	Star Extract Syrup & Chemical Works, New Orleans, La.
	Woodruff Mfg. Co., 239 W. Broadway, New York.
	R. L. Woods, 47 Dey St., New York.
A. CIDER SYRUP.	Cleveland Cider Co., Unionville, O.
B. FIG SYRUP.	California Fig Syrup Co., San Francisco, Cal.
C. FRUIT SYRUP.	Wm. H. Cohen & Co., 229 Washington St., New York.
	G. W. Dunbar's Sons, New Orleans, La.
	Firm of John Matthews, 329 E. 26th St., New York.
	Hamell & Cortright, 25 S. Front St., Philadelphia, Pa.
	Hance Bros. & White, 621 Callowhill St., Philadelphia, Pa.
	I. Calvin Shafer Co., 268 Broadway, New York.
D. GLUCOSE SYRUP.	American Glucose Co., Buffalo, N. Y.
	Glucose Sugar Refining Co., The Rookery, Chicago, Ill.
	St. Louis Syrup Refining Co., St. Louis, Mo.
	D. B. Scully Syrup Co., 48 S. Water St., Chicago, Ill.
E. MAPLE SYRUP.	J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
	Brattleboro Jelly Co., Brattleboro, Vt.
	Curtice Bros. Co., Rochester, N. Y.
	Falcon Packing Co., 91 Hudson St., New York.
F. ROCK CANDY SYRUP.	J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
	St. Louis Pretzel Co., St. Louis, Mo.
2655. VINEGAR.	Keokuk Pickle Co., Keokuk, Iowa.
	Red Cross Vinegar Co., St. Louis, Mo.
	St. Louis Pretzel Co., St. Louis, Mo.
	J. Weller Co., Cincinnati, O.
A. CIDER VINEGAR.	Amazon Vinegar & Pickling Works, Davenport, Iowa.
	Ann Arbor Fruit & Vinegar Co., Ann Arbor, Mich.
	John C. Beach, Palatine Bridge, N. Y.
	M. E. Brandon, New Orleans, La.
	Brattleboro Jelly Co., Brattleboro, Vt.
	Henry G. Brecht, Cedar Rapids, Iowa.
	Burlington Vinegar & Pickle Works, Burlington, Iowa.
	Clement & Johnson, Shelburne Falls, Mass.
	Thos. Clements Bottling Co., Ltd., 234 Queen St., Phila., Pa.
	Dahinden & Gallasch Mfg. Co., Milwaukee, Wis.
	H. A. Dearth & Co., Shelburne Falls, Mass.
	Duffy Cider Co., Rochester, N. Y.
	Farrell Co., Omaha, Neb.
	M. A. Gedney Pickling Co., Minneapolis, Minn.
	Genesee Fruit Co., 499 West St., New York.
	B. F. Gentsch's Sons, Buffalo, N. Y.
	Globe Pickle Co. of St. Louis, St. Louis, Mo.
	Amos Haynes & Co., Boston, Mass.
	Geo. W. Hillard, Brighton, Ill.
	F. C. Johnson, Kishwaukee, Ill.
	Leroux Cider & Vinegar Co., Toledo, O.
	Numsen Mfg. Co., Baltimore, Md.
	Paducah Vinegar Works, Paducah, Ky.
	V. Prinz's Sons, Cincinnati, O.
	Red Cross Vinegar Co., St. Louis, Mo.
	Allan Remington, Sandusky, O.
	John Schlegel, 132 22d St., Brooklyn, N. Y.
	Arthur Walkup, Needham, Mass.
B. MALT VINEGAR.	Amazon Vinegar & Pickling Works, Davenport, Iowa.
C. SALAD VINEGAR.	Geo. A. Bayle, St. Louis, Mo.
D. TABASCO PEPPER VINEGAR.	Geo. A. Bayle, St. Louis, Mo.
E. WHITE WINE VINEGAR.	Amazon Vinegar & Pickling Works, Davenport, Iowa.
	M. A. Gedney Pickling Co., Minneapolis, Minn.
	Wm. Henning, 113 E. North Av., Chicago, Ill.

Keokuk Pickle Co., Keokuk, Iowa.
Kuner Pickle Co., Denver, Col.
Leroux Cider & Vinegar Co., Toledo, O.
Monarch Vinegar Works, Kansas City, Mo.
Numsen Mfg. Co., Baltimore, Md.
Allan Remington, Sandusky, O.
C. W. Rugers, New Orleans, La.
Sandusky Pickling Works, Sandusky, O.
C. H. Struebe, Sandusky, O.
Robert Thal & Co., St. Louis, Mo.

2656. YEAST.

Minneapolis Yeast Co., Minneapolis, Minn.
C. W. Pinkham, Fond du Lac, Wis.

A. COMPRESSED YEAST.

Theo. Dennery, New Orleans, La.
Fleischmann & Co., 699 Washington St., New York.

B. DRY HOP YEAST.

German Yeast & Baking Powder Co., Omaha, Neb.

C. YEAST CAKES.

Theo. Dennery, New Orleans, La.
Fleischmann & Co., 699 Washington St., New York.
German Yeast & Baking Powder Co., Omaha, Neb.
E. W. Gillett, 9 River St., Chicago, Ill.
Price Baking Powder Co., 186 Michigan St., Chicago, Ill.
Vienna Pressed Yeast Co., 141 E. 25th St., New York.

D. YEAST POWDER.

Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
Rumford Chemical Works, Providence, R. I.
D. & L. Slade Co., Boston, Mass.

XXXIII. RAILWAY EQUIPMENT AND SUPPLIES.

2657. AXLES.

A. CAR AXLES.

J. G. Brill Co., Woodland Av. & S. 62d St., Phila., Pa.
Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
Thomas Carlin's Sons, Allegheny, Pa.
Carnegie Steel Co., Pittsburg, Pa.
Cayuta Wheel & Foundry Co., Sayre, Pa.
Central Iron Steel Co., Brazil, Ind.
Ensign Mfg. Co., Huntington, W. Va.
Fulton Engineering & Shipbuilding Wks., San Francisco, Cal.
Fulton Foundry Co., Cleveland, O.
Gould Coupler Co., 66 Broadway, New York.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Lima Locomotive & Machine Co., Lima, O.
Louisville Steam Forge Co., Louisville, Ky.
McKee, Fuller & Co., Catasauqua, Pa.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Mowry Car Wheel Works, Cincinnati, O.
N. Y. Car Wheel Works, Buffalo, N. Y.
Otis Steel Co., Ltd., Cleveland, O.
Peacock's Iron Works, Selma, Ala.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Pottsville Iron & Steel Co., Pottsville, Pa.
A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa.
John Stephenson Co., Ltd., 47 E. 27th St., New York.
Taylor Iron & Steel Co., High Bridge, N. J.
Tredegar Co., Richmond, Va.
Troy Steel Co., Troy, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.

B. HAMMERED AXLES.

McKee, Fuller & Co., Catasauqua, Pa.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Pittsburg Forge & Iron Co., Pittsburg, Pa.

C. LOCOMOTIVE AXLES.

Central Iron & Steel Co., Brazil, Ind.
Ensign Mfg. Co., Huntington, W. Va.
Louisville Steam Forge Co., Louisville, Ky.
Otis Steel Co., Ltd., Cleveland, O.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Taylor Iron & Steel Co., High Bridge, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. MINE CAR AXLES.

American Engineering Wks., 204 Dearborn St., Chicago, Ill.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.

Sheffield Car Co., Three Rivers, Mich.
Sheldon Axle Co., Wilkes-Barre, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

E. STEEL AXLES.
Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
La Belle Steel Co., Pittsburg, Pa.
Letort Axle & Machine Works, Carlisle, Pa.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Otis Steel Co., Ltd., Cleveland, O.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Sheldon Axle Co., Wilkes-Barre, Pa.
Singer, Nimick & Co., Inc., Pittsburg, Pa.
South Bend Wagon Co., South Bend, Ind.
Troy Steel Co., Troy, N. Y.

F. STREET CAR AXLES.
Ensign Mfg. Co., Huntington, W. Va.

2658. BRAKES & PARTS.

A. AIR BRAKE EQUIPMENTS.
N. Y. Air Brake Co., 66 Broadway, New York.

B. AIR BRAKE HOSE.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chicago, Ill.
Crescent Belting & Packing Co., Trenton, N. J.
Empire Rubber Mfg. Co., 58 Reade St., New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Trenton, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Revere Rubber Co., Boston, Mass.
Trenton Rubber Mfg. Co., Trenton, N. J.

C. AIR BRAKE LEVER GUIDES.
Dayton Malleable Iron Co., Dayton, O.

D. AIR BRAKE REGULATORS.
Mason Regulator Co., 6 Oliver St., Boston, Mass.

E. AIR BRAKE WASHERS.
Boston Belting Co., Boston, Mass.
N. Y. Car Spring & Rubber Co., Jersey City, N. J.

F. AUTOMATIC AIR BRAKES.
Boyden Brake Co., Baltimore, Md.
Christenson Engineering Co., Milwaukee, Wis.
G. P. Magann Air Brake Co., Detroit, Mich.
N. Y. Air Brake Co., 66 Broadway, New York.
Standard Air Brake Co., 168 Broadway, New York.
Westinghouse Air Brake Co., Pittsburg, Pa.

G. BRAKE ADJUSTERS.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.

H. BRAKE BEAMS.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
Bettendorf Axle Co., Davenport, Iowa.
Oval Brake Beam Co., S. 32d & Chestnut Sts., Phila., Pa.

I. BRAKE FITTINGS.
Forsyth Mfg. Co., Buffalo, N. Y.

J. BRAKE FORKS.
Dayton Malleable Iron Co., Dayton, O.

K. BRAKE HANDLES.
J. G. Brill Co., Woodland Av. & S. 62d St., Philadelphia, Pa.
Burns, Silver & Co., Bridgeport, Conn.
McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
Ohio Brass Co., Mansfield, O.
John Stephenson Co., Ltd., 47 E. 27th St., New York.
Sterling Supply & Mfg. Co., 141 E. 25th St., New York.
Western Electrical Supply Co., St. Louis, Mo.

L. BRAKE RODS.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
John Stephenson Co., 47 E. 27th St., New York.

M. BRAKE SHOES.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Barnum, Richardson Co., Lime Rock, Conn.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Corning Brake Shoe Co., Corning, N. Y.
Fulton Foundry Co., Cleveland, O.
Kinzer & Jones Mfg. Co., Pittsburg, Pa.
Lappin Brake Shoe Co., 39 Cortlandt St., New York.
McKee, Fuller & Co., Catasauqua, N. Y.
Ramapo Iron Works, Hillburn, N. Y.
Ross-Meehan Foundry Co., Chattanooga, Tenn.
Sargent Co., 675 Old Colony Bldg., Chicago, Ill.
John Stephenson Co., Ltd., 47 E. 27th St., New York.
Union Iron Works Co., Selma, Ala.

N. BRAKE SHOES, GUN METAL.
Barnum, Richardson Co., Lime Rock, Conn.

O. CAR BRAKES.
Bemis Car Box Co., Springfield, Mass.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Christensen Engineering Co., Milwaukee, Wis.
General Electric Co., Schenectady, N. Y.
G. P. Magann Air Brake Co., Detroit, Mich.

McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
New York Air Brake Co., 66 Broadway, New York.
John Stephenson Co., Ltd., 47 E. 27th St., New York.
Sterling Supply & Mfg. Co., 141 E. 25th St., New York.
Van Dorn & Dutton Co., Cleveland, O.
Westinghouse Air Brake Co., Pittsburg, Pa.

P. ELECTRIC BRAKES. Electric Controller & Supply Co., Cleveland, O.

Q. LOCOMOTIVE BRAKES. New York Air Brake Co., 66 Broadway, New York.
Westinghouse Air Brake Co., Pittsburg, Pa.

R. STEAM BRAKES. Vulcan Iron Works, Wilkes-Barre, Pa.
Westinghouse Air Brake Co., Pittsburg, Pa.

S. STREET CAR BRAKE CHAIN. Wm. H. Anderson & Sons, Detroit, Mich.

T. STREET CAR BRAKE HANDLES. Dayton Mfg. Co., Dayton, O.

U. VACUUM BRAKES. New York Air Brake Co., 66 Broadway, New York.
Westinghouse Air Brake Co., Pittsburg, Pa.

2659. CAR AXLE BOXES.

A. BRONZE JOURNAL BEARINGS. Bridgeport Deox'zed Bronze & Metal Co., Bridgeport, Conn.
Graphite Lubricating Co., Bound Brook, N. J. *28
Geo. R. Meneely & Son, Watervliet, N. Y.
Phosphor Bronze Smelt. Co., Ltd., 2200 Washn. Av., Phila., Pa.
E. A. Williams & Son, Jersey City, N. J.

B. CAR JOURNAL BEARINGS. Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
Bemis Car Box Co., Springfield, Mass.
Bridgeport Deox'zed Bronze & Metal Co., Bridgeport, Conn.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Diamond State Car Spring Co., Wilmington, Del.
Graphite Lubricating Co., Bound Brook, N. J. *28
Magnolia Metal Co., 10 Pacific Av., Chicago, Ill.
Mansfield Tempered Copper Co., Mansfield, O.
Mayer & Englund, 10 S. 10th St., Philadelphia, Pa.
McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
James J. McKenna & Bro., 424 E. 23d St., New York.
Geo. R. Meneely & Son, Watervliet, N. Y.
Milwaukee Brass & Copper Works, Milwaukee, Wis.
R. D. Nuttall Co., Allegheny, Pa.
Ohio Brass Co., Mansfield, O.
Paul S. Reeves & Son, 1415 Catherine St., Philadelphia, Pa.
D. C. Sanford, Bridgeport, Conn.
Stewart & Matteson Mfg. Co., 2042 N. 10th St., Phila., Pa.
Van Dorn & Dutton Co., Cleveland, O.
Wendell & McDuffie, 26 Cortlandt St., New York.
Western Elictrical Supply Co., St. Louis. Mo.
Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.
Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
E. A. Williams & Son, Jersey City, N. J.

C. COAL CAR BOXES. E. A. Williams & Son, Jersey City, N. J.

D. JOURNAL BOX DUST GUARDS. H. W. Johns Mfg. Co., 100 William St., New York.
Reuter & Mallory, Baltimore, Md.
Vulcanized Fibre Co., Wilmington, Del.

E. JOURNAL BOX LIDS. Kinzer & Jones Mfg. Co., Pittsburg, Pa.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.

F. JOURNAL BRASSES. Ensign Mfg. Co., Huntington, W. Va.
V. Gill & Son, Birmingham, Ala.
Magnolia Metal Co., 10 Pacific Ave., Chicago, Ill.
Geo. R. Meneely & Son, Watervliet, N. Y.
Missouri Car & Foundry Co., St. Louis, Mo.
E. W. Vanduzen Co., Cincinnati, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
E. A. Williams & Son, Jersey City, N. J.

G. STREET CAR JOURNAL BOXES. J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
John Stephenson Co., Ltd., 47 E. 27th St., New York.

H. STREET CAR RUNNING GEARS. J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
John Stephenson Co., Ltd., 47 E. 27th St., New York.

2660. CAR BUMPERS.

A. BUMPER PLATES. Dickson Mfg. Co., Scranton, Pa.

B. BUMPING POSTS. Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.

C. RUBBER BUMPERS. Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
N. J. Car Spring & Rubber Co., Jersey City, N. J.

2661. CAR DOOR SEALS.

E. J. Brooks & Co., 51 Dey St., New York.
Buffalo Seal & Press Co., Buffalo, N. Y.
Dayton Malleable Iron Co., Dayton, O.
N. Y. Stencil Works, 100 Nassau St., New York.

Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
E. A. Williams & Son, Jersey City, N. J.

2662. CAR MANUFACTURERS' SUPPLIES.

A. BELL CORD COUPLINGS.	American Railway Supply Co., 24 Park Place, New York.
	Ossawan Mills Co., Norwich, Conn.
	Silver Lake Co., Newtonville, Mass.
B. BERTH FIXTURES.	Adams & Westlake Co., Ontario & N. Franklin St., Chic., Ill.
C. CAR CASTINGS.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	Dayton Malleable Iron Co., Dayton, O.
	Ensign Mfg. Co., Huntington, W. Va.
	Lake Shore Foundry Co., Cleveland, O.
	Lobdell Car Wheel Co., Wilmington, Del.
	Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.
	Mowry Car Wheel Works, Cincinnati, O.
	New York Car Wheel Works, Buffalo, N. Y.
	Pratt & Letchworth, Buffalo, N. Y.
	St. Charles Car Co., St. Charles, Mo.
	Sheffield Car Co., Three Rivers, Mich.
	Vulcan Iron Works, Wilkes-Barre, Pa.
D. CAR CEILINGS.	Frost's Veneer Seating Co., Sheboygan, Wis.
	John Stephenson Co., Ltd., 47 E. 27th St., New York.
E. CAR CHANNELS.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
F. CAR CLOSETS.	Adams & Westlake Co., Ontario & N. Franklin Sts., Chic., Ill.
	Dayton Mfg. Co., Dayton, O.
	Haines, Jones & Cadbury Co., 1136 Ridge Av., Phila., Pa.
	Jas. L. Howard & Co., Hartford, Conn.
G. CAR DECKING.	Texas Tram & Lumber Co., Beaumont, Tex.
H. CAR DOORS.	Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
I. CAR FORGINGS.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	Carnegie Steel Co., Ltd., Pittsburg, Pa.
	Diamond State Iron Co., 29 Broadway, New York.
	Taylor Iron & Steel Co., High Bridge, N. J.
	Terre Haute Car & Mfg. Co., Terre Haute, Ind.
	Vulcan Iron Works, Wilkes-Barre, Pa.
J. CAR GATES.	R. Bliss Mfg. Co., Pawtucket, R. I.
	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
K. CAR HARDWARE.	W. G. Creamer & Co., 96 John St., New York.
	Ledig Co., 248 N. 8th St., Philadelphia, Pa.
	Peck, Stow & Wilcox Co., Southington, Conn.
	Russel & Erwin Mfg. Co., 45 Chambers St., New York.
	Sargent & Co., New Haven, Conn.
L. CAR HOOKS.	Geo. M. Stanwood & Co., Portland, Me.
	Taylor Iron & Steel Co., High Bridge, N. J.
	Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.
M. CAR IRONS.	Birmingham Bolt & Nut Works, Birmingham, Ala.
	Sharon Boiler Works, Ltd., Sharon, Pa.
	Star Mfg. Co., New Lexington, O.
	Union Iron & Steel Co., Youngstown, O.
	Vulcan Iron Works, Wilkes-Barre, Pa.
N. CAR LAMBREQUINS.	Chauncey Tapestry Co., Chauncey, N. Y.
	Robert Lewis, Bridesburg, Philadelphia, Pa.
O. CAR PANELS.	Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	J. P. Sjoberg & Co., 145 11th Av., New York.
	John Stephenson Co., Ltd., 47 E. 27th St., New York.
P. CAR PLATFORM RAILS.	Dayton Mfg. Co., Dayton, O.
Q. CAR ROOFING.	Cincinnati Corrugating Co., Piqua, O.
	Wm. B. Mershon & Co., East Saginaw, Mich.
R. CAR SASH BALANCES.	Pullman Sash Balance Co., Rochester, N. Y.
S. CAR SIDING.	Bradley-Ramsay Lumber Co., Lake Charles, La.
	Wm. B. Mershon & Co., East Saginaw, Mich.
	J. P. Sjoberg & Co., 145 11th Av., New York.
	W. H. H. Smith & Co., Toledo, O.
	Texas Tram & Lumber Co., Beaumont, Tex.
T. CAR SILLS.	Bradley-Ramsay Lumber Co., Lake Charles, La.
	South'n Pine Co. of Georgia, 8 Provident Bdg., Savannah, Ga.
U. CAR TREADS.	Rubber Step Mfg. Co., Exeter, N. H.
V. CAR VENTILATORS.	W. G. Creamer & Co., 96 John St., New York.
	Globe Ventilator Co., Troy, N. Y.
	Fred. J. Myers Mfg. Co., Hamilton, O.
	Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
	James Spear Stove & Heating Co., 1014 Market St., Phila., Pa.
	N. & G. Taylor Co., Philadelphia, Pa.
W. CAR VESTIBULES.	McConway & Farley Co., Pittsburg, Pa.
X. CAR VESTIBULE TRIMMINGS.	Dayton Mfg. Co., Dayton, O.

Y. CAR WINDOW SHADES.	E. T. Burrowes Co., Portland, Me. Chauncey Tapestry Co., Chauncey, N. Y.
Z. DECK SASH RATCHETS.	Dayton Mfg. Co., Dayton, O.
AA. EQUALIZING BARS.	C. D. Edwards, Albert Lea, Minn. Whitman & Barnes Mfg. Co., Akron, O.
BB. FREIGHT CAR DOORS.	McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
CC. FREIGHT CAR ROOFS.	Cincinnati Corrugating Co., Piqua, O.
DD. GRAIN CAR DOORS.	McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill. Sheffield Car Co., Three Rivers, Mich.
EE. RAILWAY CAR BRASSES.	Epping-Carpenter Co., Pittsburg, Pa. E. A. Williams & Son, Jersey City, N. J.
FF. RAILWAY CAR FITTINGS.	Adams & Westlake Co., Ontario & N. Franklin Sts., Chic., Ill. W. G. Creamer & Co., 96 John St., New York. Jas. L. Howard & Co., Hartford, Conn. Victor Knecht, Cincinnati, O. Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
GG. RAILWAY CAR TRIMMINGS.	Adams & Westlake Co., Ontario & N. Franklin Sts., Chic., Ill. J. G. Brill Co., S. 62d & Woodland Av., Philadelphia, Pa. W. G. Creamer & Co., 96 John St., New York. Dayton Mfg. Co., Dayton, O. John L. Gaumer Co., N.W. Cor. 11th & Race Sts., Phila., Pa. Jas. L. Howard & Co., Hartford, Conn. Jackson & Sharp Co., Wilmington, Del. McKay Curtain Co., Wilmington, Del. James J. McKenna & Bro., 424 E. 23d St., New York. Miller Lock Co., 4523 Tacony St., Philadelphia, Pa. Ohio Brass Co., Mansfield, O. Thos. T. Smith, 352 Pearl St., New York. Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
HH. STEEL STAKE POCKETS.	Pressed Steel Car Co., Pittsburg, Pa.
II. STREET CAR BELL STRAPS.	Union Hardware Co., Torrington, Conn.
JJ. STREET CAR CASTINGS.	Star Brass Works, Kalamazoo, Mich. Taunton Locomotive Mfg. Co., Taunton, Mass. Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.
KK. STREET CAR DOOR HANGERS.	John Stephenson Co., Ltd., 47 E. 27th St., New York.
LL. STREET CAR GONGS.	Bevin Bros. Mfg. Co., East Hampton, Conn.
MM. STREET CAR LAMPS.	Consolidated Car Heating Co., Albany, N. Y. Dayton Mfg. Co., Dayton, O. Safety Car Heating & Lighting Co., 160 Broadway, N. Y. Thos. T. Smith, 352 Pearl St., New York.
NN. STREET CAR SAND BOXES.	Thomas Carlin's Sons, Allegheny, Pa. F. L. Gaylor Co., Ansonia, Conn. Victor Knecht, Cincinnati, O. Trojan Button Fastener Co., Inc., Troy, N. Y.
OO. STREET CAR STRAPS.	J. C. Rhoads & Sons, Wilmington, Del. J. J. Warren Co., Worcester, Mass.
PP. STREET CAR TRIMMINGS.	Adams & Westlake Co., Ontario & N. Franklin Sts., Chic., Ill. Electric Railway Equipment Co., Cincinnati, O. Ohio Brass Co., Mansfield, O. John Stephenson Co., Ltd., 47 E. 27th St., New York.
QQ. VENEER CAR LININGS.	Joel H. Woodman, Hoboken, N. J.
RR. WEATHER STRIPS.	Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York. N. J. Car Spring & Rubber Co., Jersey City, N. J. Patent Metallic Weather Strip Co., 74 W. 23d St., New York. S. Roebuck, 172 Fulton St., New York.
2663. CAR MOVERS.	Boston & Lockport Block Co., Boston, Mass. Cahill, Swift & Co., St. Louis, Mo. R. R. Howell & Co., Minneapolis, Minn. Kenney & Co., Scottdale, Pa. Nordyke & Marmon Co., Indianapolis, Ind. Skillin-Richards Mfg. Co., 241 S. Jefferson St., Chicago, Ill. Thornburgh-Creel Co., 241 Jefferson St., Chicago, Ill. Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.
A. POWER CAR PULLERS.	Barnard & Leas Mfg. Co., Moline, Ill. E. H. Pease Mfg. Co., Racine, Wis. Webster Mfg. Co., 1075 W. 15th St., Chicago, Ill.
2664. CAR REPLACERS.	Laconia Car Co., Laconia, N. H.
2665. CARS, CONSTRUCTION.	American Clay Working Machinery Co., Bucyrus, O. Billmeyer & Small Co., York, Pa. Corey & Co., 52 Dearborn St., Chicago, Ill. Haskell & Barker Car Co., Michigan City, Ind. Kilbourne & Jacobs Mfg. Co., Columbus, O. Arthur Koppel, 68 Broad St., New York.

McFadden Co., 722 Arch St., Philadelphia, Pa.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Peacock Iron Works, Selma, Ala.
St. Charles Car Co., St. Charles, Mo.
Sheffield Car Co., Three Rivers, Mich.

A. DERRICK CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Dickson Mfg. Co., Scranton, Pa.
Industrial Works, Bay City, Mich.
Osgood Dredge Co., Albany, N. Y.

B. PILE DRIVER CARS.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.

C. STEAM SHOVEL CARS.
Marion Steam Shovel Co., Marion, O.
Ryan-McDonald Mfg. Co., Baltimore, Md.

D. TRACK LAYER'S CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Buda Foundry & Mfg. Co., Harvey, Ill.
Peacock Iron Works, Selma, Ala.
Sheffield Car Co., Three Rivers, Mich.

E. WRECKING CARS.
Dickson Mfg. Co., Scranton, Pa.
Industrial Works, Bay City, Mich.
Marion Steam Shovel Co., Marion, O.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Sheffield Car Co., Three Rivers, Mich.

2666. CARS, DUMP.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Clay Working Mach. Co., Bucyrus, O.
F. C. Austin Mfg. Co., Harvey, Ill.
Billmeyer & Small Co., York, Pa.
Bloomsburg Car Co., Bloomsburg, Pa.
Bodley Wagon Co., Staunton, Va.
Buda Foundry & Mfg. Co., Harvey, Ill.
Thomas Carlin's Sons, Allegheny, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
W. J. Clark Co., Salem, O.
Corey & Co., 52 Dearborn St., Chicago, Ill.
P. K. Dederick's Sons, Albany, N. Y.
C. H. Dempwolf & Co., York, Pa.
Dickson Mfg. Co., Scranton, Pa.
Fairbanks Co., 311 Broadway, New York.
Haskell & Barker Car Co., Michigan City, Ind.
Jeffrey Mfg. Co., Columbus, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Arthur Koppel, 68 Broad St., New York.
Litchfield Car Works, Litchfield, Ill.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
McMyler Mfg. Co., Cleveland, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Peacock Iron Works, Selma, Ala.
Peteler Portable Railway Mfg. Co., Minneapolis, Minn.
C. & A. Potts & Co., Inc., Indianapolis, Ind.
Juan G. Ribon, Jersey City, N. J.
Ryan-McDonald Mfg. Co., Baltimore, Md.
St. Charles Car Co., St. Charles, Mo.
Sheffield Car Co., Three Rivers, Mich.
Vulcan Iron Works, Wilkes-Barre, Pa.
Western Wheeled Scraper Co., Aurora, Ill.
Whitman Agricutural Co., St. Louis, Mo.

A. COAL & ORE DUMP CARS.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Haskell & Barker Car Co., Michigan City, Ind.
Lebanon Mfg. Co., Lebanon, Pa.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
St. Charles Car Co., St. Charles, Mo.
G. L. Stuebner, Long Island City, N. Y.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.

B. DROP BOTTOM CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
F. C. Austin Mfg. Co., Harvey, Ill.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Haskell & Barker Car Co., Michigan City, Ind.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
St. Charles Car Co., St. Charles, Mo.

2667. CAR SEATS.
Adams & Westlake Co., Ontario & N. Franklin Sts., Chic., Ill.
Dayton Mfg. Co., Dayton, O.
Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Scarritt-Comstock Furniture Co., St. Louis, Mo.
John Stephenson Co., Ltd., 47 E. 27th St., New York.

A. CAR SEAT RADIATORS.	National Pipe Bending Co., New Haven, Conn.
B. CAR SEAT SPRINGS.	American Pin Co., Waterbury, Conn.
	Wallace Barnes Co., Bristol, Conn.
	Harrow Spring Co., Kalamazoo, Mich.
	Hartford Woven Wire Mattress Co., Hartford, Conn.
	Miller Wire Spring Co., Bridgeport, Conn.
C. ELECTRIC CAR SEAT SPINDLES.	William R. Hartigan, Collinsville, Conn.
D. PARLOR CAR CHAIRS.	Marks' Adjustable Chair Co., 1144 Broadway, New York.
E. RAILWAY CAR CHAIRS.	Adams & Westlake Co., Ontario & N. Franklin Sts., Chic., Ill.
	W. G. Creamer & Co., 96 John St., New York.
	Johnson Chair Co., 233 N. Green St., Chicago, Ill.
	St. Charles Car Co., St. Charles, Mo.
	Scarritt-Comstock Furniture Co., St. Louis, Mo.
F. RECLINING CAR CHAIRS.	Marks' Adjustable Chair Co., 1144 Broadway, New York.
	Scarritt-Comstock Furniture Co., St. Louis, Mo.
G. STREET CAR SEATS.	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Dayton Mfg. Co., Dayton, O.
	Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	John Stephenson Co., Ltd., 47 E. 27th St., New York.
H. VENEER CAR SEATINGS.	Joel H. Woodman, Hoboken, N. J.
2668. CARS, FREIGHT.	Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
	American Car Co., St. Louis, Mo.
	Atlas Bolt & Screw Co., Cleveland, O.
	Barney & Smith Car Co., Dayton, O.
	Billmeyer & Small Co., York, Pa.
	Bloomsburg Car Co., Bloomsburg, Pa.
	Bowler & Co., Cleveland, O.
	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Brownell Car Co., St. Louis, Mo.
	Buffalo Car Mfg. Co., Buffalo, N. Y.
	Byram & Co., Detroit, Mich.
	Thomas Carlin's Sons, Allegheny, Pa.
	Chattanooga Car Foundry Co., Chattanooga, Tenn.
	H. Dudley Coleman, New Orleans, La.
	Dickson Mfg. Co., Scranton, Pa.
	Duplex Car Co., 253 Broadway, New York.
	Eastern Rolling Stock Co., Lowell, Mass.
	Elliott Car Co., Gadsden, Ala.
	Ensign Mfg. Co., Huntington, W. Va.
	Erie Car Works, Erie, Pa.
	Harlan & Hollingsworth Co., Wilmington, Del.
	Haskell & Barker Car Co., Michigan City, Ind.
	Holt Mfg. Co., Stockton, Cal.
	Jackson & Sharp Co., Wilmington, Del.
	Jackson & Woodin Mfg. Co., Berwick, Pa.
	J. M. Jones' Sons, West Troy, N. Y.
	G. C. Kuhlman Co., Cleveland, O.
	Laclede Car Co., St. Louis, Mo.
	Laconia Car Co. Works, Laconia, N. H.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Lebanon Mfg. Co., Lebanon, Pa.
	Lima Locomotive & Mach. Co., Lima, O.
	Lincoln Iron Works, Rutland, Vt.
	Litchfield Car Works, Litchfield, Ill.
	McKee, Fuller & Co., Catasauqua, Pa.
	Missouri Car & Foundry Co., St. Louis, Mo.
	Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
	Murray, Dougal & Co., Ltd., Milton, Pa.
	North Carolina Car Co., Raleigh, N. C.
	Ottumwa Iron Works, Ottumwa, Iowa.
	Peacock Iron Works, Selma, Ala.
	Pennock Bros., Minerva, O.
	Pittsburg Locomotive & Car Works, Pittsburg, Pa.
	Portland Co., Portland, Me.
	Pullman's Palace Car Co., Pullman, Ill.
	Ramapo Iron Works, Hillburn, N. Y.
	Ryan-McDonald Mfg. Co., Baltimore, Md.
	St. Charles Car Co., St. Charles, Mo.
	St. Louis Car Co., St. Louis, Mo.
	Schoen Pressed Steel Co., Pittsburg, Pa.
	South Baltimore Car Works, Baltimore, Md.
	John Stephenson Co., Ltd., 47 E. 27th St., New York.
	Terre Haute Car & Mfg. Co., Terre Haute, Ind.
	Tredegar Co., Richmond, Va.

Wason Mfg. Co., Springfield, Mass.
Watt Mining Car Wheel Co., Barnesville, O.
Weimer Machine Works Co., Lebanon, Pa.
Wells & French Co., 1303 Dearborn St., Chicago, Ill.

A. OIL TANK CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Haskell & Barker Car Co., Michigan City, Ind.
Murray, Dougal & Co., Ltd., Milton, Pa.
St. Charles Car Co., St. Charles, Mo.
Struthers, Wells & Co., Warren, Pa.
Tredegar Co., Richmond, Va.

B. REFRIGERATOR CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Car Co., St. Louis, Mo.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Dickson Mfg. Co., Scranton, Pa.
Erie Car Works, Erie, Pa.
Haskell & Barker Car Co., Michigan City, Ind.
Laconia Car Co. Works, Laconia, N. H.
Lebanon Mfg. Co., Lebanon, Pa.
Missouri Car & Foundry Co., St. Louis, Mo.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
St. Charles Car Co., St. Charles, Mo.
Tredgar Co., Richmond, Va.

2669. CARS, GONDOLA.
Haskell & Barker Car Co., Michigan City, Ind.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
St. Charles Car Co., St. Charles, Mo.

2670. CARS, HAND.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Billmeyer & Small Co., York, Pa.
J. G. Brill & Co., 62d St. & Woodland Av., Philadelphia, Pa.
Buda Foundry & Mfg. Co., Harvey, Ill.
Ensign Mfg. Co., Huntington, W. Va.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Kalamazoo R'lroad, Velo'pede & Car Co., Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Roberts, Throp & Co., Three Rivers, Mich.
Russell Wheel & Foundry Co., Detroit, Mich.
St. Charles Car Co., St. Charles, Mo.
Sheffield Car Co., Three Rivers, Mich.

A. INSPECTION CARS.
Buda Foundry & Mfg. Co., Harvey, Ill.
Corey & Co., 219 Dearborn St., Chicago, Ill.
Daimler Mfg. Co., Long Island City, N. Y.
Kalamazoo R. R., Velocipede & Car Co., Kalamazoo, Mich.
Sheffield Car Co., Three Rivers, Mich.

B. LEVER HAND CARS.
Peacock's Iron Works, Selma, Ala.

C. RAILWAY VELOCIPEDES.
Buda Foundry & Mfg. Co., Harvey, Ill.
Kalamazoo R. R., Velocipede & Car Co., Kalamazoo, Mich.
Sheffield Car Co., Three Rivers, Mich.

D. RAILWAY VELOCIPEDES, ELECTRIC.
Western Electric Co., Omaha, Neb.

E. RAILWAY VELOCIPEDES, MOTOR.
Sheffield Car Co., Three Rivers, Mich.

F. ROAD MASTERS' CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Sheffield Car Co., Three Rivers, Mich.

G. STEAM HAND CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Sheffield Car Co., Three Rivers, Mich.

H. WOOD WHEEL HAND CARS.
Buda Foundry & Mfg. Co., Harvey, Ill.
Sheffield Car Co., Three Rivers, Mich.

2671. CARS, LOGGING.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Billmeyer & Small Co., York, Pa.
Butterworth & Lowe, Grand Rapids, Mich.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Climax Mfg. Co., Corey, Pa.
Corey & Co., 219 Dearborn St., Chicago, Ill.
Lima Locomotive & Mach. Co., Lima, O.
Missouri Car & Foundry Co., St. Louis, Mo.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Peacock's Iron Works, Selma, Ala.
Richmond Locomotive & Mach. Works, Richmond, Va.
Russell Wheel & Foundry Co., Detroit, Mich.
St. Charles Car Co., St. Charles, Mo.
Sheffield Car Co., Three Rivers, Mich.
Tredegar Co., Richmond, Va.

2672. CARS, MINE.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Atlas Bolt & Screw Co., Cleveland, O.

Earle C. Bacon, 26 Cortlandt St., New York.
Belleville Pump & Skein Works, Belleville, Ill.
Billmeyer & Small Co., York, Pa.
Bloomsburg Car Co., Bloomsburg, Pa.
Bodley Wagon Co., Staunton, Va.
Buda Foundry & Mfg. Co., Harvey, Ill.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Danville Foundry & Mach Co., Danville, Ill.
Dickson Mfg. Co., Scranton, Pa.
Wm. Ellison & Sons, St. Louis, Mo.
Ensign Mfg. Co., Huntington, W. Va.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
Hamlin Car Wheel & Mine Car Co., Catawissa, Pa.
J. Herbertson's Sons, Cadwallader, Pa.
Hockensmith Wheel & Mine Car Co., Irwin, Pa.
Jackson & Woodin Mfg. Co., Berwick, Pa.
Kenney & Co., Scottdale, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lebanon Mfg. Co., Lebanon, Pa.
Lima Locomotive & Machine Co., Lima, O.
Litchfield Machine Co., Litchfield, Ill.
Monongahela Mfg. Co., Monongahela, Pa.
Nelsonville Foundry & Mach. Co., Nelsonville, O.
Ottumwa Iron Works, Ottumwa, Iowa.
Peacock's Iron Works, Selma, Ala.
Phillips Mine Supply Co., Pittsburg, Pa.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Russell Wheel & Foundry Co., Detroit, Mich.
St. Charles Car Co., St. Charles, Mo.
Sheffield Car Co., Three Rivers, Mich.
Tamaqua Mfg. Co., Tamaqua, Pa.
Tredegar Co., Richmond, Va.
Watt Mining Car Wheel Co., Barnesville, O.

A. IRON COAL CARS.

F. H. Evans, 596 Kent Av., Brooklyn, N. Y.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Peacock's Iron Works, Selma, Ala.
G. L. Stuebner, Long Island City, N. Y.

B. PIT CARS.

Corey & Co., 219 Dearborn St., Chicago, Ill.
Litchfield Car Works, Litchfield, Ill.
Peacock's Iron Works, Selma, Ala.

C. STEEL MINING CARS.

Corey & Co., 219 Dearborn St., Chicago, Ill.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Jackson Mfg. Co., Harrisburg, Pa.
Lansing Wheelbarrow Co., Lansing, Mich.
Peacock's Iron Works, Selma, Ala.
Schoen Pressed Steel Co., Pittsburg, Pa.
Standard Mfg. Co., 81 Fulton St., New York.

2673. CARS, PASSENGER.

Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
American Car Co., St. Louis, Mo.
Barney & Smith Car Co., Dayton, O.
Billmeyer & Small Co., York, Pa.
J. G. Brill Co., 62 & Woodland Av., Philadelphia, Pa.
H. Dudley Coleman, New Orleans, La.
Duplex Car Co., 253 Broadway, New York.
Eastern Rolling Stock Co., Lowell, Mass.
Harlan & Hollingsworth Co., Wilmington, Del.
Haskell & Barker Co., Michigan City, Ind.
Holt Mfg. Co., Stockton, Cal.
Jackson & Sharp Co., Wilmington, Del.
J. M. Jones' Sons, West Troy, N. Y.
G. C. Kuhlman Co., Cleveland, O.
Laconia Car Co. Works, Laconia, N. H.
Lebanon Mfg. Co., Lebanon, Pa.
Litchfield Car Works, Litchfield, Ill.
Ohio Falls Car Co., Jeffersonville, Ind.
Pullman's Palace Car Co., 201 Pullman Bldg., Chicago, Ill.
Rock Falls Mfg. Co., Sterling, Ill.
St. Charles Car Co., St. Charles, Mo.
St. Louis Car Co., St. Louis, Mo.
Sheffield Car Co., Three Rivers, Mich.
John Stephenson Co., Ltd., 47 E. 27th St., New York.
Tredegar Co., Richmond, Va.
Wagner Palace Car Co., New York.
Wason Mfg. Co., Springfield, Mass.

A. BAGGAGE CARS.	American Car Co., St. Louis, Mo. Barney & Smith Car Co., Dayton, O. Duplex Car Co., New York. Harlan & Hollingsworth, Wilmington, Del. Holt Mfg. Co., Stockton, Cal. Jackson & Sharp Co., Wilmington, Del. J. M. Jones' Sons, West Troy, N. Y. Laclede Car Co., St. Louis, Mo. St. Charles Car Co., St. Charles, Mo.
B. DINING CARS.	Pullman's Palace Car Co., 201 Pullman Bldg., Chicago, Ill. St. Charles Car Co., St. Charles, Mo. Sheffield Car Co., Three Rivers, Mich. Wagner Palace Car Co., 51 E. 44th St., New York.
C. DRAWING ROOM CARS.	Jackson & Sharp Co., Wilmington, Del. Pullman's Palace Car Co., 201 Pullman Bldg., Chicago, Ill. St. Charles Car Co., St. Charles, Mo. Wagner Palace Car Co., 51 E. 44th St., New York. Wason Mfg. Co., Springfield, Mass.
D. EXCURSION CARS.	Duplex Car Co., New York. St. Charles Car Co., St. Charles, Mo.
E. MAIL CARS.	Allison Mfg. Co., Philadelphia, Pa. American Car Co., St. Louis, Mo. Barney & Smith Car Co., Dayton, O. Harlan & Hollingsworth Co., Wilmington, Del. Haskell & Barker Co., Michigan City, Ind. Holt Mfg. Co., Stockton, Cal. G. C. Kuhlman Co., Cleveland, O. St. Charles Car Co., St. Charles, Mo.
F. OBSERVATION CARS.	American Car Co., St. Louis, Mo. Lebanon Mfg. Co., Lebanon, Pa. Sheffield Car Co., Three Rivers, Mich.
G. PRIVATE CARS.	Wagner Palace Car Co., 51 E. 44th St., New York.
H. SLEEPING CARS.	Jackson & Sharp Co., Wilmington, Del. Pullman's Palace Car Co., 201 Pullman Bldg., Chicago, Ill. Sheffield Car Co., Three Rivers, Mich. Wagner Palace Car Co., 51 E. 44th St., New York.
2674. CARS, PLANTATION.	Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa. Bodley Wagon Co., Staunton, Va. J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa. Buda Foundry & Mfg. Co., Harvey, Ill. Chattanooga Car & Foundry Co., Chattanooga, Tenn. H. Dudley Coleman, New Orleans, La. Peacock's Iron Works, Selma, Ala. Russell Wheel & Foundry Co., Detroit, Mich. Sheffield Car Co., Three Rivers, Mich. John Turl's Sons, 534 W. 28th St., New York.
2675. CAR SPRINGS.	Anderson, Du Puy & Co., Pittsburg, Pa. Bemis Car Box Co., Springfield, Mass. J. G. Brill Co., 62d & Woodland Av., Philadelphia, Pa. Burns, Silver & Co., Bridgeport, Conn. Crescent Steel Co., 480 Pearl St., New York. Diamond State Car Spring Co., Wilmington, Del. Farist Steel Co., Bridgeport, Conn. Hansell Spring Co., Ambler, Pa. Harrow Spring Co., Kalamazoo, Mich. McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill. Miller & Van Winkle, 22 Bridge St., Brooklyn, N. Y. Peckham Truck Co., 26 Cortlandt St., New York. Charles Scott Spring Co., 1028 New Market St., Phila., Pa. John Stephenson Co., Ltd., 47 E. 27th St., New York. Van Dorn & Dutton Co., Cleveland, O. Vose Spring Co., 25 Murray St., New York.
A. ELLIPTIC CAR SPRINGS.	Detroit Steel & Spring Co., Detroit, Mich. Farist Steel Co., Bridgeport, Conn. A. French Spring Co., Ltd., Pittsburg, Pa. Morgan Spring Co., Worcester, Mass. William & Harvey Rowland, Frankford, Philadelphia, Pa. Vose Spring Co., 25 Murray St., New York.
B. GRADUATED CAR SPRINGS.	Vose Spring Co., 25 Murray St., New York.
C. RUBBER CAR SPRINGS.	Akron Rubber Works, Akron, O. Boston Belting Co., Boston, Mass. Boston Woven Hose & Rubber Co., Boston, Mass. Carlos French, Seymour, Conn. Goodyear Rubber Co., 787 Broadway, New York. Gutta Percha & Rubber Mfg. Co., 96 Lake St., Chicago, Ill.

Hodgman Rubber Co., 593 Broadway, New York.
Mechanical Rubber Co., 22 Murray St., New York.
Mercer Rubber Co., Trenton, N. J.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Quaker City Rubber Co., Philadelphia, Pa.
Trenton Rubber Co., Trenton, N. J.
United Rubber Co., Trenton, N. J.

D. SPIRAL CAR SPRINGS.
Anderson, Du Puy & Co., Pittsburg, Pa.
Burgess Steel & Iron Works, Portsmouth, O.
Detroit Steel & Spring Co., Detroit, Mich.
Farist Steel Co., Bridgeport, Conn.
A. French Spring Co., Ltd., Pittsburg, Pa.
Vose Spring Co., 25 Murray St., New York.

E. STEEL CAR SPRINGS.
Anderson, Du Puy & Co., Pittsburg, Pa.
Bemis Car Box Co., Springfield, Mass.
Betts Spring Co., San Francisco, Cal.
Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
Detroit Steel & Spring Co., Detroit, Mich.
Farist Steel Co., Bridgeport, Conn.
A. French Spring Co., Inc., Pittsburg, Pa.
Harlan & Hollingsworth Co., Wilmington, Del.
McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
Miller & Van Winkle, 22 Bridge St., Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
Pickering Spring Co., Ltd., Pa. Av. & N. 8th St., Phila., Pa.
William & Harvey Rowland, Frankford, Philadelphia, Pa.
Chas. Scott Spring Co., 1028 New Market St., Phila., Pa.
Singer, Nimick & Co., Inc., Pittsburg, Pa.
Vose Spring Co., 25 Murray St., New York.

2676. CARS, PUSH.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Buda Foundry & Mfg. Co., Harvey, Ill.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Peacock's Iron Works, Selma, Ala.
St. Charles Car Co., St. Charles, Mo.
Sheffield Car Co., Three Rivers, Mich.
G. L. Stuebner, Long Island City, N. Y.

A. MILL YARD CARS.
Thomas Carlin's Sons, Allegheny, Pa.
Russell Wheel & Foundry Co., Detroit, Mich.
Sheffield Car Co., Three Rivers, Mich.

B. WOOD WHEEL PUSH CARS.
Buda Foundry & Mfg. Co., Harvey, Ill.

2677. CARS, STREET RAILWAY.
Briggs Carriage Co., Amesbury, Mass.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Brownell Car Co., St. Louis, Mo.
Daimler Mfg. Co., Long Island City, N. Y.
Duplex Car Co., 253 Broadway, New York.
Ellis Car Co., Amesbury, Mass.
Jackson & Sharp Co., Wilmington, Del.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Laclede Car Co., St. Louis, Mo.
McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
H. K. Porter Co., Pittsburg, Pa.
Pullman's Palace Car Co., 201 Pullman Bldg., Chicago, Ill.
St. Charles Car Co., St. Charles, Mo.
St. Louis Car Co., St. Louis, Mo.
John Stephenson Co., Ltd., 47 E. 27th St., New York.

A. CABLE CARS.
Briggs Carriage Co., Amesbury, Mass.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Brownell Car Co., St. Louis, Mo.
Ellis Car Co., Amesbury, Mass.
Harlan & Hollingsworth Co., Wilmington, Del.
Jackson & Sharp Co., Wilmington, Del.
Laclede Car Co., St. Louis, Mo.
Newburyport Car Mfg. Co., Newburyport, Mass.
Pullman's Palace Car Co., 201 Pullman Bldg., Chicago, Ill.
St. Charles Car Co., St. Charles, Mo.
St. Louis Car Co., St. Louis, Mo.
John Stephenson Co., Ltd., 47 E. 27th St., New York.

B. ELECTRIC CARS.
American Car Co., St. Louis, Mo.
Briggs Carriage Co., Amesbury, Mass.
J. G. Brill & Co., 62d St. & Woodland Av., Philadelphia, Pa.
Brownell Car Co., St. Louis, Mo.
Ellis Car Co., Amesbury, Mass.
General Electric Co., Schenectady, N. Y.
Jackson & Sharp Co., Wilmington, Del.

J. M. Jones' Sons, West Troy, N. Y.
G. C. Kuhlman Co., Cleveland, O.
Laclede Car Co., St. Louis, Mo.
National Electric Co., Detroit, Mich.
Newburyport Car Mfg. Co., Newburyport, Mass.
Pullman Palace Car Co., 201 Pullman Bldg., Chicago, Ill.
St. Charles Car Co., St. Charles, Mo.
St. Louis Car Co., St. Louis, Mo.
Sheffield Car Co., Three Rivers, Mich.
Thomson-Houston Electric Co., Boston, Mass.
Western Electrical Co., Omaha, Neb.

C. ELEVATED ROAD CARS.
Jackson & Sharp Co., Wilmington, Del.

D. GAS MOTOR CARS.
John E. Connelly, 542 Hudson St., New York.
Sheffield Car Co., Three Rivers, Mich.

E. STEAM MOTOR CARS.
Allison Mfg. Co., 32d & Walnut Sts., Philadelphia, Pa.
Brownell Car Co., St. Louis, Mo.
Ellis Car Co., Amesbury, Mass.
Jackson & Sharp Co., Wilmington, Del.
Laclede Car Co., St. Louis, Mo.
Newburyport Car Mfg. Co., Newburyport, Mass.
Pullman's Palace Car Co., 201 Pullman Bldg., Chicago, Ill.
St. Charles Car Co., St. Charles, Mo.
St. Louis Car Co., St. Louis, Mo.
Sheffield Car Co., Three Rivers, Mich.

F. STREET CAR TRUCKS.
St. Louis Car Co., St. Louis, Mo.

G. TRAMWAY SLEEPING CARS.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Jackson & Sharp Co., Wilmington, Del.

2678. CASTINGS, RAILWAY.

Ajax Metal Co., 46 Richmond St., Philadelphia, Pa.
Barney & Smith Car Co., Dayton, O.
Barnum Richardson Co., Lime Rock, Conn.
Bass Foundry & Machine Works, Fort Wayne, Ind.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
Bethlehem Iron Co., South Bethlehem, Pa.
Bingham & Taylor, Buffalo, N. Y.
Bowler & Co., Cleveland, O.
Buda Foundry Mfg. Co., Harvey, Ill.
Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
Chickasaw Iron Works, Memphis, Tenn.
Cleveland Wheel & Foundry Co., Cleveland, O.
Corliss Steam Engine Co., Providence, R. I.
Dayton Malleable Iron Co., Dayton, O.
Ensign Mfg. Co., Huntington, W. Va.
Farrar & Treits, Buffalo, N. Y.
Fort Madison Iron Works Co., Fort Madison, Iowa.
Fulton Foundry Co., Cleveland, O.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Griffin Car Wheel Co., Detroit, Mich.
Griffin Wheel Co., 138 Jackson Boulevard, Chicago, Ill.
R. F. Hawkins Iron Works, Springfield, Mass.
Lobdell Car Wheel Co., Wilmington, Del.
Lorain Steel Co., Lorain, O.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Missouri Car & Foundry Co., St. Louis, Mo.
Mowry Car Wheel Works, Cincinnati, O.
N. Y. Switch & Crossing Co., Hoboken, N. J.
Pratt & Letchworth, Buffalo, N. Y.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Ramapo Iron Works, Hillburn, N. Y.
Rosedale Foundry Co., Allegheny, Pa.
Sheffield Car Co., Three Rivers, Mich.
Springfield Foundry Co., Springfield, Mass.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Terre Haute Car & Mfg. Co., Terre Haute, Ind.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wason Mfg. Co., Springfield, Mass.
Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
E. A. Williams & Son, Jersey City, N. J.
Wisconsin Malleable Iron Co., Milwaukee, Wis.

A. STREET RAILWAY TRACK CASTINGS.
Dorner Truck & Mfg. Co., Cleveland, O.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
William S. Rhodes & Co., 2307 Wood St., Philadelphia, Pa.
Rosedale Foundry Co., Allegheny, Pa.

B. TRACK CASTINGS.
Fulton Foundry Co., Cleveland, O.
William S. Rhodes & Co., 2307 Wood St., Philadelphia, Pa.
Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.

2679. CATTLE GUARDS.
Kalamazoo Railroad Velocipede & Car Co., Kalamazoo, Mich.
Sheffield Car Co., Three Rivers, Mich.

2680. CHAINS, RAILWAY.
American Steel & Wire Co., The Rookery, Chicago, Ill.
Bradlee & Co., Beach St. & E. Susquehanna Av., Phila., Pa.
J. B. Carr Co., Troy, N. Y.
G. W. Creamer Co., New York.
R. Estabrook's Sons, Boston, Mass.
James McKay & C., Pittsburg, Pa.
Nes Chain-Mfg. Co., York, Pa.

2681. CHARGING LOWRIES.
Kenney & Co., Scottdale, Pa.

2682. COALING CHUTES, LOCOMOTIVE.
Williams, White & Co., Moline, Ill.

2683. COMPRESSED AIR LINE EQUIPMENTS.
St. Louis Car Co., St. Louis, Mo.

2684. COUPLERS.

A. AUTOMATIC CAR COUPLERS.
McConway & Torley Co., Pittsburg, Pa.

B. CAR COUPLERS.
American Steel Castings Co., Thurlow, Pa.
Automatic Steam & Air Coupler Co., Albany, N. Y.
Bemis Car Box Co., Springfield, Mass.
Buckeye Malleable Iron & Coupler Co., Columbus, O.
Dayton Malleable Iron Co., Dayton, O.
Gould Coupler Co., 66 Broadway, New York.
McConway & Torley Co., Pittsburg, Pa.
National Malleable Castings Co., Cleveland, O.
Pratt & Letchworth, Buffalo, N. Y.
Standard Coupler Co., 26 Cortlandt St., New York.
W. T. Van Dorn Co., 1520 Monadnock Bldg., Chicago, Ill.
Whiteley Malleable Casting Co., Muncie, Ind.

C. COUPLING LINKS.
Ajax Forge Co., 138 Jackson Boulevard, Chicago, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Tredegar Co., Richmond, Va.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. COUPLING PINS.
Bemis Car Box Co., Springfield, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Tredegar Co., Richmond, Va.

E. DRAWBAR ATTACHMENTS, MALLEABLE.
Dayton Malleable Iron Co., Dayton, O.

F. DRAW BARS.
Bemis Car Box Co., Springfield, Mass.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Edge Moor Iron Co., Wilmington, Del.
Lorain Steel Co., Lorain, O.
Louisville Steam Forge Co., Louisville, Ky.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Pratt & Letchworth, Buffalo, N. Y.
Taylor Iron & Steel Co., High Bridge, N. J.

G. FREIGHT CAR COUPLERS.
American Steel Castings Co., Thurlow, Pa.
Buckeye Malleable Iron & Coupler Co., Columbus, O.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland Wheel & Foundry Co., Cleveland, O.
McConway & Torley Co., Pittsburg, Pa.
Pratt & Letchworth, Buffalo, N. Y.

H. LOCOMOTIVE SWITCHING ROPES.
Hazard Mfg. Co., Wilkes-Barre, Pa.

I. TENDER COUPLERS.
McConway & Torley Co., Pittsburg, Pa.

2685. CROSSING GATES.
Buda Foundry & Mfg. Co., Harvey, Ill.
Jonson Engineering Foundry Co., 541 E. 118th St., New York.

2686. CROSSINGS.
Ajax Forge Co., 138 Jackson Boulevard, Chicago, Ill.
Allentown Rolling Mills, Allentown, Pa.
Barbour, Stockwell Co., Cambridgeport, Mass.
Bowler & Co., Cleveland, O.
Cleveland Frog & Crossing Co., Cleveland, O.
Dickson Mfg. Co., Scranton, Pa.
Falk Co., Milwaukee, Wis.
Fulton Foundry Co., Cleveland, O.
Harrington, Robinson & Co., Boston, Mass.
R. F. Hawkins Iron Works, Springfield, Mass.
Arthur Koppel, 68 Broad St., New York.
Lorain Steel Co., Lorain, O.

Morden Frog & Crossings Wks., The Rookery, Chicago, Ill.
N. Y. Switch & Crossing Co., Hoboken, N. J.
Paige Iron Works, 26 Ontario St., Chicago, Ill.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Pittsburg Steel Casting Co., Pittsburg, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Weir Frog Co., Cincinnati, O.
Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.

2687. ELECTRIC RAILWAY SUPPLIES.

A. ELECTRIC MOTOR LIFTS.
Watson-Stillman Co., 210 E. 43d St., New York.

B. TROLLEY CORD.
General Electric Co., Schenectady, N. Y.
Mayer & Englund, 10 S. 10th St., Philadelphia, Pa.
Ohio Brass Co., Mansfield, O.
Samson Cordage Works, Boston, Mass.

C. TROLLEY LINES.
American Electrical Works, Providence, R. I.
Thomas Carlin's Sons, Allegheny, Pa.
Electric Controller & Supply Co., Cleveland, O.
R. D. Nuttall Co., Allegheny, Pa.

D. TROLLEY POLE CATCHERS.
Wilson, Thomson & Co., Brooklyn, N. Y.

E. TROLLEY POLES.
A. & J. Anderson Mfg. Co., Boston, Mass.
Bibber-White Co., Boston, Mass.
Geo. H. Carey, 1 Broadway, New York.
Creaghead Engineering Co., Cincinnati, O.
Electric Railway Equipment Co., Cincinnati, O.
Falk Co., Milwaukee, Wis.
General Electric Co., Schenectady, N. Y.
Mayer & Englund, Philadelphia, Pa.
Elmer P. Morris, 15 Cortlandt St., New York.
National Tube Works Co., Boston, Mass.
N. Y. Electrical Works, 515 Kent Av., Brooklyn, N. Y.
R. D. Nuttall Co., Allegheny, Pa.
Ohio Brass Co., Mansfield, O.
Simonds Mfg. Co., Pittsburg, Pa.
Star Brass Works, Kalamazoo, Mich.
Wendell & MacDuffie, 26 Cortlandt St., New York.
Western Electrical Supply Co., St. Louis, Mo.

F. TROLLEY SPRINGS.
Chas. Scott Spring Co., 1028 N. Market St., Philadelphia, Pa.

G. TROLLEY TRACKS.
Atlas Railway Supply Co., 1654 Monadnock Bldg., Chic., Ill.
Barbour, Stockwell Co., Cambridgeport, Mass.
Bethlehem Iron Co., South Bethlehem, Pa.
Geo. H. Carey, 1 Broadway, New York.
Cleveland Frog & Crossing Co., Cleveland, O.
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Wm. P. Craig & Son, East Orange, N. J.
Harrington, Robinson & Co., Boston, Mass.
Lap Joint Railway Track Co., 11 Broadway, New York.
Milwaukee Railjoint & Welding Co., Milwaukee, Wis.
N. Y. Switch & Crossing Co., Hoboken, N. J.
Paige Iron Works, 26 Ontario St., Chicago, Ill.
Penn. Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Steel Rail Supply Co., 100 Broadway, New York.
Weber Railway Joint Mfg. Co., 64 Cotton Exch., New York.
Weir Frog Co., Cincinnati, O.
Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.

2688. ELECTRIC RAILWAY SYSTEMS.
General Electric Co., Schenectady, N. Y.
St. Louis Car Co., St. Louis, Mo.
Sprague Electric Co., 20 Broad St., New York.
Thomson-Houston Electric Co., Boston, Mass.

2689. ELEVATED RAILWAYS.
King Bridge Co., Cleveland, O.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Trenton Iron Co., Trenton, N. J.

2690. FARE BOXES.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Brownell Car Co., St. Louis, Mo.
St. Louis Car Co., St. Louis, Mo.
John Stephenson Co., Ltd., 47 E. 27th St., New York.

2691. FARE REGISTERS.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
International Register Co., 133 S. Clinton St., Chicago, Ill.
Mayer & Englund, Philadelphia, Pa.
Meaker Mfg. Co., North Chicago, Ill.
New Haven Car Register Co., New Haven, Conn.

Railway Register Mfg. Co., Buffalo, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Sterling Supply & Mfg. Co., 141 E. 25th St., New York.
Western Electrical Supply Co., St. Louis, Mo.

2692. FORGINGS, RAILWAY.

Bass Foundry & Machine Works, Fort Wayne, Ind.
Bethlehem Iron Co., South Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Brown & Patterson, 33 Marcy Av., Brooklyn, N. Y.
Buda Foundry & Mfg. Co., Harvey, Ill.
Central Iron & Steel Co., Brazil, Ind.
Detroit Bridge & Iron Works, Detroit, Mich.
Duquesne Forge Co., Rankin, Pa.
Empire Forge Co., Lansingburg, N. Y.
Ensign Mfg. Co., Huntington, W. Va.
Farist Steel Co., Bridgeport, Conn.
Foos Mfg. Co., Springfield, O.
R. F. Hawkins Iron Works, Springfield, Mass.
Howe, Brown & Co., Ltd., Pittsburg, Pa.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Standard Steel Works, 1103 Harrison Bldg., Philadelphia, Pa.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Taylor Iron & Steel Co., High Bridge, N. J.
Terre Haute Car & Mfg. Co., Terre Haute, Ind.
Tredegar Co., Richmond, Va.

2693. FROGS.

Ajax Forge Co., 503 Jackson Boulevard, Chicago, Ill.
Allentown Rolling Mills, Allentown, Pa.
Barney & Smith Car Co., Dayton, O.
Bowler & Co., Cleveland, O.
Campbell Frog Works, Bucyrus, O.
Thomas Carlin's Sons, Allegheny, Pa.
Chester Steel Castings Co., 407 Sansom St., Phila., Pa.
Cleveland Frog & Crossing Co., Cleveland, O.
Cleveland Wheel & Foundry Co., Cleveland, O.
Elliott Frog & Switch Co., East St. Louis, Mo.
Excelsior Iron Works Co., Cleveland, O.
Falk Co., Milwaukee, Wis.
Fulton Foundry Co., Cleveland, O.
Globe Rolling Mill Co., Cincinnati, O.
R. F. Hawkins Iron Works, Springfield, Mass.
Kenney & Co., Scottdale, Pa.
Louisville Bridge & Iron Co., Louisville, Ky.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Morden Frog & Crossing Works, The Rookery, Chicago, Ill.
New York Switch & Crossing Co., Hoboken, N. J.
Peacock's Iron Works, Selma, Ala.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Pittsburg Steel Casting Co., Pittsburg, Pa.
Ramapo Iron Works, Hillburn, N. Y.
J. C. Steele & Sons, Statesville, N. C.
Tudor Iron Works, St. Louis, Mo.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wason Mfg. Co., Springfield, Mass.
Weir Frog Co., Cincinnati, O.
Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.

A. FROG PLATES.

Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
Lorain Steel Co., Lorain, O.

B. FROG POINTS.

Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.

C. MINE TRACK FROGS.

Dickson Mfg. Co., Scranton, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. WRECKING FROGS.

Cleveland Frog & Crossing Co., Cleveland, O.
Elliott Frog & Switch Co., East St. Louis, Mo.

2694. INDUSTRIAL RAILWAYS.

C. W. Hunt Co., 45 Broadway, New York.
Arthur Koppel, 68 Broad St., New York.

2695. MARINE RAILWAYS.

Jackson & Sharp Co., Wilmington, Del.
Krajewski, Pesant & Co., 32 Broadway, New York. *18

2696. POLE LOGGING ROADS.

Butterworth & Lowe, Grand Rapids, Mich.

2697. PORTABLE RAILWAYS.

Corey & Co., 52 Dearborn St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.
Arthur Koppel, 68 Broad St., New York.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Peteler Portable Railway Mfg. Co., Minneapolis, Minn.
John Turl's Sons, 534 W. 28th St., New York.

A. PORTABLE CURVES. Peteler Portable Railway Mfg. Co., Minneapolis, Minn.

B. PORTABLE PLANTATION RAILWAYS. John Turl's Sons, 534 W. 28th St., New York.

2698. RAIL FASTENINGS.

A. AUTOMATIC NUT LOCKS. Harrington, Robinson & Co., Boston, Mass.
Jones' Positive Nut Lock Co., 112 Clark St., Chicago, Ill.
Mayer & Englund, 10 S. 10th St., Philadelphia, Pa.
Ruffner & Son, 3521 Stafford St., Philadelphia, Pa.
Weber Railway Joint Mfg. Co., 64 Cotton Exch., New York.
Wendell & MacDuffie, 26 Cortlandt St., New York.
Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.

B. DIAGONAL RAIL BONDS. Harrington Rail Bonding Co., 120 Liberty St., New York.

C. FISH PLATES. Diamond State Iron Co., 29 Broadway, New York.
Knoxville Iron Co., Knoxville, Tenn.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Portland Rolling Mills, Portland, Me.
Tredegar Co., Richmond, Va.
Troy Steel Co., Troy, N. Y.
Tudor Iron Works, St. Louis, Mo.

D. GUARD RAIL CLAMPS. Morden Frog & Crossing Works, South Chicago, Ill.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.

E. HEAD CHAIRS. Elliott Frog & Switch Co., East St. Louis, Ill.
Morden Frog & Crossing Works, South Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

F. LOCK NUT JOINTS. Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.

G. PROTECTED RAIL BONDS. Harrington Rail Bonding Co., 120 Liberty St., New York.

H. RAIL BRACES. Ajax Forge Co., 138 Jackson Boulevard, Chicago, Ill.
Campbell Frog Works, Bucyrus, O.
Dayton Malleable Iron Co., Dayton, O.
Elliott Frog & Switch Co., East St. Louis, Ill.
Morden Frog & Crossing Works, South Chicago, Ill.
National Switch & Signal Co., Easton, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Weir Frog Co., Cincinnati, O.

I. RAIL JOINTS. Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
National Switch & Signal Co., Easton, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.

J. SPLICE BARS. Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Sellers Mfg. Co., 27 W. Chicago Av., Chicago, Ill.
Tudor Iron Works, St. Louis, Mo.

K. SPLICE BARS, STEEL. Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Riverside Iron Works, Inc., Wheeling, W. Va.

L. STREET RAIL FASTENINGS. Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.

2699. RAILS.

Allentown Rolling Mills, Allentown, Pa.
Barbour, Stockwell Co., Cambridgeport, Mass.
Bethlehem Iron Co., South Bethlehem, Pa.
Birmingham Rolling Mill Co., Birmingham, Ala.
Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
Geo. H. Carey, 1 Broadway, New York.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Central Iron & Steel Co., Brazil, Ind.
Harrington, Robinson & Co., Boston, Mass.
Helmbacher Forge & Rolling Mills Co., St. Louis, Mo.
Knoxville Iron Co., Knoxville, Tenn.
Lackawanna Iron & Steel Co., Scranton, Pa.
Lorain Steel Co., Lorain, O.
New Jersey Steel & Iron Co., Trenton, N. J.
North Branch Steel Co., Danville, Pa.
Ohio Iron Co., Zanesville, O.
Pacific Rolling Mill Co., San Francisco, Cal.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Phoenix Iron Co., Phoenixville, Pa.
Pottsville Iron & Steel Co., Pottsville, Pa.
Roane Iron Co., Chattanooga, Tenn.
Sharon Iron Co., Ltd., Sharon, Pa.
Steel Rail Supply Co., 100 Broadway, New York.

B. F. Sturtevant Co., Boston, Mass.
Trenton Iron Co., Trenton, N. J.
Tudor Iron Works, St. Louis, Mo.
Union Rolling Mill Co., Cleveland, O.
Wabash Iron Co., Terre Haute, Ind.
Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.

A. CURVED RAILS.
Fulton Foundry Co., Cleveland, O.
Lorain Steel Co., Lorain, O.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.

B. GUARD RAILS.
Morden Frog & Crossing Wks., The Rookery, S. Chic., Ill.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.

C. IRON RAILS.
Allentown Rolling Mills, Allentown, Pa.
Barbour, Stockwell Co., Cambridgeport, Mass.
Bethlehem Iron Co., South Bethlehem, Pa.
Birmingham Iron Foundry, Birmingham, Conn.
Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
Geo. H. Carey, 1 Broadway, New York.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland Rolling Mill Co., Cleveland, O.
Fulton Foundry Co., Cleveland, O.
H. Lloyd's Son Co., Pittsburg, Pa.
Riverside Iron Works, Inc., Wheeling, W. Va.
Springfield Iron Co., Springfield, Ill.
Troy Steel Co., Troy, N. Y.

D. LIGHT "T" RAILS.
Aetna-Standard Iron & Steel Co., Bridgeport, O.
American Iron & Steel Co., Pittsburg, Pa.
Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Harriman Rolling Mill, Harriman, Tenn.
O. K. Harry Steel Works, St. Louis, Mo.
Knoxville Iron Co., Knoxville, Tenn.
Lackawanna Iron & Steel Co., Scranton, Pa.
Farrel Logan & Son, 52 Commercial St., Brooklyn, N. Y.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Riverside Iron Works, Wheeling, W. Va.
Tudor Iron Works, 415 Locust St., St. Louis, Mo.
Union Iron & Steel Co., Youngstown, O.
Wabash Iron Co., Terre Haute, Ind.

E. MINE RAILS.
Benjamin Atha & Illingworth Co., Harrison, N. J.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Springfield Iron Co., Springfield, Ill.
Tudor Iron Works, St. Louis, Mo.

F. SECOND HAND RAILS.
Geo. H. Carey, 1 Broadway, New York.
Harrington, Robinson & Co., Boston, Mass.
Steel Rail Supply Co., 100 Broadway, New York.

G. STEEL RAILS.
Aetna-Standard Iron & Steel Co., Bridgeport, O.
Allentown Rolling Mills, Allentown, Pa.
American Iron & Steel Co., Pittsburg, Pa.
Bethlehem Iron Co., Bethlehem, Pa.
Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Cleveland Rolling Mill Co., Cleveland, O.
De Kalb Fence Co., De Kalb, Ill.
Fulton Foundry Co., Cleveland, O.
North Branch Steel Co., Danville, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
Riverside Iron Works, Inc., Wheeling, W. Va.
Troy Steel Co., Troy, N. Y.
Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.

H. STRAP RAILS.
Riverside Iron Works, Inc., Wheeling, W. Va.

I. STREET RAILS.
Aetna-Standard Iron & Steel Co., Bridgeport, O.
Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
Cleveland Rolling Mill Co., Cleveland, O.
Fulton Foundry Co., Cleveland, O.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Tudor Iron Works, St. Louis, Mo.
Wm. Wharton, Jr., 308 Walnut St., Philadelphia, Pa.

2700. RAILWAY CURVES.
N. Y. Switch & Crossing Co., Hoboken, N. J.

2701. RAILWAY SIGNALS.
Allentown Rolling Mills, Allentown, Pa.
Barney & Smith Car Co., Dayton, O.
National Switch & Signal Co., Easton, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Standard Railroad Signal Co., Arlington, N. J.

	Union Switch & Signal Co., Swissvale, Pa.
A. AUTOMATIC SIGNALS.	Allentown Rolling Mills, Allentown, Pa.
	Hall Signal Co., 44 Broad St., New York.
	National Switch & Signal Co., Easton, Pa.
	Ramapo Iron Works, Hillburn, N. Y.
B. BLOCK SIGNALS.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
C. BLOCK SIGNALS, AUTOMATIC.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
	Union Switch & Signal Co., Swissvale, Pa.
D. BLOCK SIGNALS, MECHANICAL.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
	Union Switch & Signal Co., Swissvale, Pa.
E. CAR SIGNAL LIGHTS.	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Sheffield Car Co., Three Rivers, Mich.
	Thos. T. Smith, 352 Pearl St., New York.
	Star Headlight Co., Rochester, N. Y.
	John Stephenson Co., Ltd., 47 E. 27th St., New York.
F. CROSSING SIGNALS.	National Switch & Signal Co., Easton, Pa.
	Union Switch & Signal Co., Swissvale, Pa.
G. CROSSING SIGNALS, AUTOMATIC.	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
H. INTERLOCKING SIGNALS.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
	Union Switch & Signal Co., Swissvale, Pa.
I. RAILWAY FOG SIGNALS.	Detwiller & Street Fireworks Mfg. Co., 172 Fulton St., N. Y.
	National Switch & Signal Co., Easton, Pa.
J. RAILWAY JUNCTION SIGNALS.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
	Union Switch & Signal Co., Swissvale, Pa.
K. STATION SIGNALS.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
L. SWITCH SIGNALS.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Standard Railroad Signal Co., 49 Wall St., New York.
	Union Switch & Signal Co., Swissvale, Pa.
	Williamson & Co., Allegheny, Pa.
2702. RAILWAY SUPPLIES.	Adams & Westlake Co., Ontario & N. Franklin Sts., Chic., Ill.
	M. M. Buck Mfg. Co., St. Louis, Mo.
	Buffalo Scale Co., Buffalo, N. Y.
	Cahill, Swift & Co., St. Louis, Mo.
	W. G. Creamer & Co., 96 John St., New York.
	Diamond State Iron Co., 29 Broadway, New York.
	E. P. Dwight, 407 Sansom St., Philadelphia, Pa.
	Haines, Jones & Cadbury Co., 1423 Chestnut St., Phila., Pa.
	Hooks Smelting Co., Broad & Hamilton Sts., Phila., Pa.
	C. W. Hunt Co., 45 Broadway, New York.
	James & Co., Inc., Chattanooga, Tenn.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Ezra H. Linley Supply Co., St. Louis, Mo.
	Louisville Car Wheel & Railway Supply Co., Louisville, Ky.
	New Orleans R'way & Mill Sup. Co., Ltd., New Orleans, La.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Pettibone, Mulliken & Co., Inc., 702 Marquette Bg., Chic., Ill.
	Pittsburg Supply Co., Ltd., Pittsburg, Pa.
	Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
	Robinson & Cary Co., St. Paul, Minn.
	Romer & Co., Newark, N. J.
	Sheffield Car Co., Three Rivers, Mich.
	Sherburne & Co., 53 Oliver St., Boston, Mass.
	United States Wind Engine & Pump Co., Batavia, Ill.
A. ELECTRIC RAILWAY SUPPLIES.	General Electric Co., Schenectady, N. Y.
	William T. Pringle, 1026 Filbert St., Philadelphia, Pa.
	Shawmut Fuse Wire Co., Boston, Mass.
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
B. STREET RAILWAY SUPPLIES.	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Cambria Iron Co., 813 Harrison Bldg., Philadelphia, Pa.
	Diamond State Iron Co., 29 Broadway, New York.
	Fulton Foundry Co., Cleveland, O.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Pratt & Letchworth, Buffalo, N. Y.
	Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.
	J. E. Rhoads & Son, 239 Market St., Philadelphia, Pa.
	Richmond Locomotive & Machine Works, Richmond, Va.
	Thos. T. Smith, 352 Pearl St., New York.

	John Stephenson Co., Ltd., 47 E. 27th St., New York.
	Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.
2703. SIDING STOPS.	Thomas Shaw, 915 Ridge Av., Philadelphia, Pa.
2704. SNOW PLOWS, RAILWAY.	
A. ROTARY SNOW PLOWS.	Deere & Co., Moline, Ill.
B. STEAM SNOW PLOWS.	David Bradley Mfg. Co., 73 Fulton St., Chicago, Ill.
	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Dickson Mfg. Co., Scranton, Pa.
	General Electric Co., Schenectady, N. Y.
	Industrial Works, Bay City, Mich.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
	Peckham Truck Co., 26 Cortlandt St., New York.
	Portland Co., Portland, Me.
	Taunton Locomotive Mfg. Co., Taunton, Mass.
	Van Dorn & Dutton Co., Cleveland, O.
	Wendell & MacDuffie, 26 Cortlandt St., New York.
C. STREET RAILWAY SNOW PLOWS.	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Brooklyn Railway Supply Co., Stamford, Conn.
	Collins Plow Co., Quincy, Ill.
	Augustus Day, Detroit, Mich.
	Monarch Stove & Mfg. Co., Mansfield, O.
2705. SWITCHES.	Ajax Forge Co., 138 Jackson Boulevard, Chicago, Ill.
	Allentown Rolling Mills, Allentown, Pa.
	Bowler & Co., Cleveland, O.
	Thomas Carlin's Sons, Allegheny, Pa.
	Cleveland Frog & Crossing Co., Cleveland, O.
	Fort Wayne Electric Corporation, Fort Wayne, Ind.
	Fulton Foundry Co., Cleveland, O.
	Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
	Kenney & Co., Scottdale, Pa.
	Louisville Bridge & Iron Co., Louisville, Ky.
	Morden Frog & Crossing Wks., 910 The Rookery, S. Chic., Ill.
	National Electric Co., Eau Claire, Wis.
	New York Switch & Crossing Co., Hoboken, N. J.
	Peacock's Iron Works, Selma, Ala.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Ramapo Iron Works, Hillburn, N. Y.
	Sheffield Car Co., Three Rivers, Mich.
	Standard Railroad Signal Co., Arlington, N. J.
	J. C. Steele & Sons, Statesville, N. C.
	Union Switch & Signal Co., Swissvale, Pa.
	Weir Frog Co., Cincinnati, O.
	Wm. Wharton, Jr., & Co., 308 Walnut St., Philadelphia, Pa.
A. AUTOMATIC SWITCHES.	Black Aut. R. R. Block Sig. Co., ft. of Whitehall St., N. Y.
	New York Switch & Crossing Co., Hoboken, N. J.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Ramapo Iron Works, Hillburn, N. Y.
	Sheffield Car Co., Three Rivers, Mich.
	Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.
B. CUT OUT SWITCHES.	Ramapo Iron Works, Hillburn, N. Y.
	Sheffield Car Co., Three Rivers, Mich.
	Vulcan Iron Works, Wilkes-Barre, Pa.
C. INTERLOCKING SWITCHES.	Allentown Rolling Mills, Allentown, Pa.
	Ramapo Iron Works, Hillburn, N. Y.
	Union Switch & Signal Co., Swissvale, Pa.
D. MINE TRACK SWITCHES.	Dickson Mfg. Co., Scranton, Pa.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Ramapo Iron Works, Hillburn, N. Y.
	Vulcan Iron Works, Wilkes-Barre, Pa.
E. NARROW GAUGE SWITCHES.	Arthur Koppel, 68 Broad St., New York.
F. OVERHEAD TRACK SWITCHES.	Reading Crane & Hoist Works, Reading, Pa.
G. PORTABLE CONTRACTORS' SWITCHES.	Farrel Logan & Son, 52 Commercial St., Brooklyn, N. Y.
	Pennsylvania Steel Co., Philadelphia, Pa.
	Peteler Portable Railway Mfg. Co., Minneapolis, Minn.
	Ramapo Iron Works, Hillburn, N. Y.
H. SIGNALING SWITCHES.	Allentown Rolling Mills, Allentown, Pa.
	National Switch & Signal Co., Easton, Pa.
	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Union Switch & Signal Co., Swissvale, Pa.
I. SPLIT SWITCHES.	Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
	Morden Frog & Crossing Works, The Rookery, Chicago, Ill.
	Ramapo Iron Works, Hillburn, N. Y.
	Weir Frog Co., Cincinnati, O.

J. SWITCH BARS.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Weir Frog Co., Cincinnati, O.

K. SWITCH FIXTURES.
Buda Foundry & Mfg. Co., Harvey, Ill.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Weir Frog Co., Cincinnati, O.

L. SWITCH LOCKS.
Adams & Westlake Co., N. Ontario & Franklin Sts., Chic., Ill.
Wilson Bohannan, 760 Lexington Av., Brooklyn, N. Y.
Dayton Mfg. Co., Dayton, O.
Miller Lock Co., 4523 Tacony St., Philadelphia, Pa.
Stewart & Mattison Mfg. Co., 2042 N. 10th St., Phila., Pa.

M. SWITCH STANDS.
Ajax Forge Co., 138 Jackson Boulevard, Chicago, Ill.
Allentown Rolling Mills, Allentown, Pa.
Barbour, Stockwell Co., Boston, Mass.
Bowler & Co., Cleveland, O.
Buda Foundry & Mfg. Co., Harvey, Ill.
Campbell Frog Works, Bucyrus, O.
Elliott Frog & Switch Co., East St. Louis, Ill.
R. F. Hawkins Iron Works, Springfield, Mass.
Lorain Steel Co., Lorain, O.
Louisville Bridge & Iron Co., Louisville, Ky.
McGuire Mfg. Co., 122 N. Sangamon St., Chicago, Ill.
Morden Frog & Crossing Wks., The Rookery, Chicago, Ill.
New York Switch & Crossing Co., Hoboken, N. J.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Union Switch & Signal Co., Swissvale, Pa.
Wason Mfg. Co., Springfield, Mass.
Weir Frog Co., Cincinnati, O.

N. TIE BARS.
Morden Frog & Crossing Wks., The Rookery, Chicago, Ill.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.

2706. TICKET PUNCHES.
Cincinnati Mfg. Co., Cincinnati, O.
L. O. Crocker, Braintree, Mass
Wm. Johnson, Newark, N. J.
Kraeuter Co., Newark, N. J.
McGill Mfg. Co., 298 Dearborn St., Chicago, Ill.
Fred. J. Meyers Mfg. Co., Hamilton, O.
New York Stencil Works, 100 Nassau St., New York.
Railway Register Mfg. Co., Buffalo, N. Y.
Rand-Avery Supply Co., 117 Franklin St., Boston, Mass.
Tower & Lyon, 95 Chambers St., New York.
Ira F. White & Son, 76 Park Place, New York.
W. W. Wilcox & Co., 201 Lake St., Chicago, Ill.
R. Woodman Mfg. & Sup. Co., 160 High St., Boston, Mass.

A. BELL PUNCHES.
Frank A. Benton, 89 Centre St., New York.

B. TICKET PUNCH DIES.
R. Woodman Mfg. & Sup. Co., 160 High St., Boston, Mass.

2707. TIES, METAL.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
Pennsylvania Steel Co., 312 Girard Bldg., Philadelphia, Pa.

2708. TRACK CLEANERS, STREET RAILWAY.
Brooklyn Railway Supply Co., Stamford, Conn.
Augustus Day, Detroit, Mich.
Dorner Truck & Mfg. Co., Cleveland, O.

2709. TRACK SCRAPERS, STREET RAILWAY.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Augustus Day, Detroit, Mich.
Monarch Stove & Mfg. Co., Mansfield, O.

2710. TRACK TORPEDOES.
Michael Backes Sons, Wallingford, Conn.
Consolidated Fire Works Co., 9 Park Place, New York.
Detwiller & Street Fireworks Mfg. Co., 172 Fulton St., N. Y.

2711. TRACK WEED CUTTERS.
Sheffield Car Co., Three Rivers, Mich.

2712. TRANSFER TABLES.
Dickson Mfg. Co., Scranton, Pa.
Fulton Foundry Co., Cleveland, O.
Greenleaf Turn Table Co., Indianapolis, Ind.
Industrial Works, Bay City, Mich.
New York Switch & Crossing Co., Hoboken, N. J.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

2713. TURN TABLES.
Allentown Rolling Mills, Allentown, Pa.
American Clay Working Mach. Co., Bucyrus, O.
Bowler & Co., Cleveland, O.
Buda Foundry & Mfg. Co., Harvey, Ill.
Byram & Co., Detroit, Mich.
Thomas Carlin's Sons, Allegheny, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
M. S. Cartter & Co., St. Louis, Mo.

Chicago Forge & Bolt Co., 40th St., c. Stewart Av., Chic., Ill.
Excelsior Iron Works Co., Cleveland, O.
Greenleaf Turn Table Co., Indianapolis, Ind.
Industrial Works, Bay City, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Louisville Bridge & Iron Co., Louisville, Ky.
Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
Massillon Bridge Co., Massillon, O.
Missouri Valley Bridge & Iron Wks., Leavenworth, Kan.
New York Switch & Crossing Co., Hoboken, N. J.
Peacock's Iron Works, Selma, Ala.
Pennsylvania Bridge Co., Beaver Falls, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Pittsburg Bridge Co., Pittsburg, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Phila., Pa.
Shiffler Bridge Co., Pittsburg, Pa.
Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.
Whiting Foundry Equipment Co., Harvey, Ill.

A. IRON & STEEL TURN TABLES.
Detroit Bridge & Iron Works, Detroit, Mich.
Edge Moor Iron Co., Wilmington, Del.
King Bridge Co., Cleveland, O.
Passaic Rolling Mill Co., Paterson, N. J.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
A. & P. Roberts Co., 261 S. 4th St., Philadelphia, Pa.

B. NARROW GAUGE TURN TABLES.
Thomas Carlin's Sons, Alegheny, Pa.
Arthur Koppel, 68 Broad St., New York.

C. OVERHEAD TRACK TURN TABLES.
Reading Crane & Hoist Works, Reading, Pa.

D. PIVOT BRIDGE TURN TABLES.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

E. PORTABLE TURN TABLES.
Corey & Co., 219 Dearborn St., Chicago, Ill.
Peteler Portable Railway Mfg. Co., Minneapolis, Minn.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

F. SHOP TURN TABLES.
Lobdell Car Wheel Co., Wilmington, Del.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

G. STREET CAR TURN TABLES.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
Greenleaf Turn Table Co., Indianapolis, Ind.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Wm. Sellers & Co., Inc., 1600 Hamilton St., Philadelphia, Pa.

2714. WHEELS.

A. CAR WHEEL CENTERS.
Standard Steel Works, 1103 Harrison Bldg., Phila., Pa.
Taylor Iron & Steel Co., High Bridge, N. J.

B. CAR WHEELS.
Barnum-Richardson Co., Lime Rock, Conn.
Brown Car Wheel Works, Buffalo, N. Y.
Fort Madison Iron Works Co., Fort Madison, Iowa.
P. H. Griffin Machine Works, Buffalo, N. Y.
Jackson & Woodin Mfg. Co., Berwick, Pa.
Jones & Laughlins, Ltd., Pittsburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Missouri Car & Foundry Co., St. Louis, Mo.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Mowry Car Wheel Works, Cincinnati, O.
New York Car Wheel Co., Buffalo, N. Y.
Peacock's Iron Works, Selma, Ala.
Pittsburg Steel Casting Co., Pittsburg, Pa.
Russell Wheel & Foundry Co., Detroit, Mich.
St. Charles Car Co., St. Charles, Mo.
Sheffield Car Co., Three Rivers, Mich.
Standard Steel Works, 1103 Harrison Bldg., Phila., Pa.
Steel Tired Wheel Co., 115 Broadway, New York.
Taylor Iron & Steel Co., High Bridge, N. J.
Terre Haute Car & Mfg. Co., Terre Haute, Ind.
Tredegar Co., Richmond, Va.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wason Mfg. Co., Springfield, Mass.
Wm. Wharton, Jr., & Co., Inc., 308 Walnut St., Phila., Pa.
Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.

C. CAR WHEELS, CHILLED CAST.
Baltimore Car Wheel Co., Baltimore, Md.
Barney & Smith Car Co., Dayton, O.
Bass Foundry & Machine Works, Fort Wayne, Ind.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Bowler & Co., Cleveland, O.
J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa,

Brown Car Wheel Works, Buffalo, N. Y.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Butterworth & Lowe, Grand Rapids, Mich.
Cayuta Wheel & Foundry Co., Sayre, Pa.
Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.
Cleveland Wheel & Foundry Co., Cleveland, O.
Connellsville Machine & Car Co., Connellsville, Pa.
Dickson Mfg. Co., Scranton, Pa.
Ensign Mfg. Co., Huntington, W. Va.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Ford & Kimball, Concord, N. H.
Fulton Foundry Co., Cleveland, O.
Gates Iron Works, 650 Elston Av., Chicago, Ill.
Green's Car Wheel Mfg. Co., St. Louis, Mo.
Griffin Wheel Co., 138 Jackson Boulevard, Chicago, Ill.
Harlan & Hollingsworth Co., Wilmington, Del.
Harman & Hassert, Bloomsburg, Pa.
Haskell & Barker Car Co., Michigan, Ind.
Hockensmith Wheel & Mine Car Co., Irwin, Pa.
Jackson & Woodin Mfg. Co., Berwick, Pa.
Thomson Kingsford, Oswego, N. Y.
Laconia Car Co. Works, Boston, Mass.
Lake Shore Foundry Co., Cleveland, O.
Lima Locomotive Machine Co., Lima, O.
Litchfield Car Works, Litchfield, Ill.
Lobdell Car Wheel Co., Wilmington, Del.
Louisville Car Wheel & Railway Supply Co., Louisville, Ky.
McKee, Fuller & Co., Catasauqua, Pa.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
Mowry Car Wheel Works, Cincinnati, O.
Nelsonville Foundry & Machine Co., Nelsonville, O.
New York Car Wheel Works, Buffalo, N. Y.
Paige Car Wheel Co., Cleveland, O.
Peckham Truck Co., 26 Cortlandt St., New York.
Pennsylvania Car Wheel Co., Pittsburg, Pa.
Ramapo Wheel & Foundry Co., Ramapo, N. Y.
Risdon Iron & Locomotive Works, San Francisco, Cal.
Rochester Car Wheel Works, Rochester, N. Y.
St. Albans Foundry Co., St. Albans, Vt.
St. Charles Car Co., St. Charles, Mo.
St. Louis Car Wheel Co., St. Louis, Mo.
St. Paul Foundry Co., St. Paul, Minn.
Standard Steel Works, 1103 Harrison Bldg., Philadelphia, Pa.
Steiger & Kerr, San Francisco, Cal.
Taylor Iron & Steel Co., High Bridge, N. J.
Terre Haute Car & Mfg. Co., Terre Haute, Ind.
Thomson Kingsford, Oswego, N. Y.
Tredegar Co., Richmond, Va.
Union Foundry & Pullman Car Wheel Works, Pullman, Ill.
Wason Mfg. Co., Springfield, Mass.
Watt Mining Car Wheel Co., Barnesville, O.
Wells & French Co., 279 Dearborn St., Chicago, Ill.
Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.

D. CAR WHEELS, STEEL TIRED.

Baltimore Car Wheel Co., Baltimore, Md.
Brooks Locomotive Works, Dunkirk, N. Y.
Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.
Green's Car Wheel Mfg. Co., St. Louis, Mo.
Laconia Car Co. Works, Boston, Mass.
Standard Steel Works, 1103 Harrison Bldg., Philadelphia, Pa.
Steel Tired Wheel Co., 115 Broadway, New York.
Taylor Iron & Steel Co., High Bridge, N. J
Wason Mfg. Co., Springfield, Mass.
Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.

E. DRIVING WHEELS.

Baltimore Car Wheel Co., Baltimore, Md.
M. C. Bullock Mfg. Co., 1170 W. Lake St., Chicago, Ill.
Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
Chrome Steel Works, Kent Av. & Hooper St., B'klyn, N. Y.
Cleveland Wheel & Foundry Co., Cleveland, O.
Corliss Steam Engine Co., Providence, R. I.
Dickson Mfg. Co., Scranton, Pa.
Ensign Mfg. Co., Huntington, W. Va.
Fulton Foundry Co., Cleveland, O.
Ramapo Wheel & Foundry Co., Ramapo, N. Y.
Wason Mfg. Co., Springfield, Mass.

	Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
F. DRIVING WHEELS, CHILLED IRON.	McKee, Fuller & Co., Catasauqua, Pa.
	New York Car Wheel Works, Buffalo, N. Y.
	Portland Co., Portland, Me.
	Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
G. DRIVING WHEELS, STEEL TIRED.	Brooks Locomotive Works, Buffalo, N. Y.
	Otis Steel Co., Ltd., Cleveland, O.
	Taylor Iron & Steel Co., High Bridge, N. J.
H. HAND CAR WHEELS.	Baugher, Kurtz & Stewart, Ltd., York, Pa.
	New York Car Wheel Works, Buffalo, N. Y.
	Sheffield Car Co., Three Rivers, Mich.
	Westoon-Mott Co., Utica, N. Y.
	Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
I. MINE CAR WHEELS.	American Engineering Works, 204 Dearborn St., Chicago, Ill.
	Baugher, Kurtz & Stewart, Ltd., York, Pa.
	Dickson Mfg. Co., Scranton, Pa.
	Ensign Mfg. Co., Huntington, W. Va.
	Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
	Lobdell Car Wheel Co., Wilmington, Del..
	McKee, Fuller & Co., Catasauqua, Pa.
	New York Car Wheel Works, Buffalo, N. Y.
	St. Charles Car Co., St. Charles, Mo.
	Sheffield Car Co., Three Rivers, Mich.
	Star Mfg. Co., New Lexington, O.
	Taylor Iron & Steel Co., High Bridge, N. J.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
J. PUSH CAR WHEELS.	Baugher, Kurtz & Stewart, Ltd., York, Pa.
	Lombard Iron Works & Supply Co., Augusta, Ga.
	Sheffield Car Co., Three Rivers, Mich.
	Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
K. STREET CAR WHEELS.	J. G. Brill Co., 62d St. & Woodland Av., Philadelphia, Pa.
	Thomas Carlin's Sons, Allegheny, Pa.
	Chattanooga Car & Foundry Co., Chattanooga, Tenn.
	Cleveland Wheel & Foundry Co., Cleveland, O.
	Ensign Mfg. Co., Huntington, W. Va.
	Fulton Foundry Co., Cleveland, O.
	F. L. Gaylor Co., Ansonia, Conn.
	Griffin Wheel Co., 138 Jackson Boulevard, Chicago, Ill.
	New York Car Wheel Works, Buffalo, N. Y.
	Peckham Motor Truck & Wheel Co., 26 Cortlandt St., N. Y.
	Steel Tired Wheel Co., 115 Broadway, New York.
	John Stephenson Co., Ltd., 47 E. 27th St., New York.
	Whitney Car Wheel Works, 901 Montgomery Av., Phila., Pa.
L. STREET CAR WHEELS, INTERCHANGEABLE.	Baltimore Car Wheel Co., Baltimore, Md.
	Peckham Truck Co., 26 Cortlandt St., New York.
M. TRUCK WHEELS, STEEL.	Baltimore Car Wheel Co., Baltimore, Md.
	Brown Car Wheel Works, Buffalo, N. Y.
	Chickasaw Iron Works, Memphis, Tenn.
	Cleveland Wheel & Foundry Co., Cleveland, O.
	Dickson Mfg. Co., Scranton, Pa.
	Jones & Laughlin, Ltd., Pittsburg, Pa.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	McKee, Fuller & Co., Catasauqua, Pa.
	Niles & Scott Co., La Port, Ind.
	St. Charles Car Co., St. Charles, Mo.
	Steel Tired Wheel Co., 115 Broadway, New York.
	R. W. Whitehurst & Co., Norfolk, Va.

2715. WHEEL TIRES.

A. CAR WHEEL TIRES.	Lorain Steel Co., Lorain, O.
	Midvale Steel Co., Nicetown, Philadelphia, Pa.
	Mowry Car Wheel Works, Cincinnati, O.
	Standard Steel Works, 1103 Harrison Bldg., Philadelphia, Pa.
B. LOCOMOTIVE WHEEL TIRES.	Lorain Steel Co., Lorain, O.
	Midvale Steel Co., Nicetown, Philadelphia, Pa.
	Standard Steel Works, 1103 Harrison Bldg., Philadelphia, Pa.
C. STEEL TIRES.	Cambria Iron Co., Johnstown, Pa.
	Latrobe Steel Co., Latrobe, Pa.
	Midvale Steel Co., Nicetown, Philadelphia, Pa.
	Mowry Car Wheel Co., Cincinnati, O.
	Standard Steel Works, 1103 Harrison Bldg., Philadelphia, Pa.

XXXIV. RUBBER GOODS.

2716. ACID VESSELS.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Boston Belting Co., Boston, Mass.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

2717. AIR BEDS.
Chicago Rubber Clothing Co., Racine, Wis.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

2718. AIR BELLOWS.
Goodyear Rubber Co., 787 Broadway, New York.

2719. AIR CUSHIONS.
Akron Rubber Co., Akron, O.
Chicago Rubber Clothing Co., Racine, Wis.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

2720. AIR PILLOWS.
Chicago Rubber Clothing Co., Racine, Wis.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Tyer Rubber Co., Andover, Mass.

2721. ATOMIZERS.
Anchor Silver Plate Co., Oswego, N. Y.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Codman & Shurtleff, 13 Tremont St., Boston, Mass.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Ellis & Goetermann, 88 Leonard St., New York.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Geo. Kneuper, 263 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
P. J. McElroy, East Cambridge, Mass.
Parker, Stearns & Sutton, 228 South St., New York.
Tyer Rubber Co., Andover, Mass.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

2722. BAGS.

A. BLEEDING BAGS.
American Supply Co., Providence, R. I.

B. CONFECTIONERS' BAGS.
Hodgman Rubber Co., 593 Broadway, New York.

C. FACE BAGS.
Hodgman Rubber Co., 593 Broadway, New York.

D. GAS BAGS.
Akron Rubber Works, Akron, O.
Clifton Mfg. Co., Boston, Mass.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Hodgman Rubber Co., 593 Broadway, New York.
Mechanical Rubber Co., 22 Murray St., New York.
New York Car Spring & Rubber Co., Jersey City, N. J.
Peerless Rubber Mfg. Co., 16 Warren St., New York.
Tyer Rubber Co., Andover, Mass.

E. HAT BAGS.
Boston Belting Co., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Rubber Co., Matteawan, N. Y.

F. ICE BAGS.
Akron Rubber Works, Akron, O.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.

Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

G. NAVY BAGS.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

H. SPONGE BAGS.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Goodyear's India Rubber Glove Mfg. Co., New York.
Hodgman Rubber Co., 593 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
Tyer Rubber Co., Andover, Mass.

I. THROAT BAGS.
Davol Rubber Co., Providence, R. I.
Hodgman Rubber Co., 593 Broadway, New York.

J. TOILET BRUSH BAGS.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

K. WATER BOTTLES.
Akron Rubber Works, Akron, O.
American Hard Rubber Co., 9 Mercer St., New York.
Chicago Rubber Clothing Co., Racine, Wis.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Eggers & Carlsen, 147 Centre St., New York.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
India Rubber Comb Co., 9 Mercer St., New York.
Mechanical Rubber Co., 22 Murray St., New York.
Parker, Stearns & Sutton, 228 South St., New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

2723. BALLS, RUBBER.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
New York Rubber Co., 84 Reade St., New York.

2724. BATHING APPARATUS.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
E. J. Knowlton, Ann Arbor, Mich.
Tyer Rubber Co., Andover, Mass.

2725. BATHING CAPS, RUBBER.
Mattson Rubber Co., 11 Broadway, New York.

2726. BED PANS.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

2727. BICYCLE PARTS, RUBBER.

A. BICYCLE GRIPS, RUBBER.
Boston Belting Co., Boston, Mass.
Combination Roll & Rubber Co., 38 Park Row, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
Union Cycle Mfg. Co., Highlandville, Mass.

B. BICYCLE MUD GUARDS, RUBBER.
Shone, Hanna Mfg. Co., Rochester, N. Y.

C. BICYCLE RUBBER PEDALS.
B. F. Goodrich Co., Akron, O.
New York Belting & Packing Co., 25 Park Place, New York.
Peoria Rubber Mfg. Co., Peoria, Ill.

D. BICYCLE TIRES.
American Dunlop Tire Co., Belleville, N. J.
C. J. Bailey & Co., Boston, Mass.
Biko Mfg. Co., Hubbardston, Mass.
Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Combination Roll & Rubber Co., 38 Park Row, New York.
Crescent Belting & Packing Co., Trenton, N. J.
Empire Rubber Mfg. Co., Trenton, N. J.
B. F. Goodrich Co., Akron, O.
Gormully & Jeffrey Mfg. Co., 222 N. Franklin St., Chic., Ill.
Hodgman Rubber Co., 593 Broadway, New York.
Home Rubber Co., Trenton, N. J.
Indiana Bicycle Co., Indianapolis, Ind.
Indiana Novelty Mfg. Co., Plymouth, Ind.
India Rubber Co., Akron, O.

Newton Rubber Works, Newton Upper Falls, Mass.
New York Belting & Packing Co., 25 Park Place, New York.
Overman Wheel Co., Chicopee Falls, Mass.
Peoria Rubber Mfg. Co., Peoria, Ill.
M. F. Reese Supply Co., Setauket, N. Y.
Trenton Rubber Co., Trenton, N. J.
Trenton Tire Co., Trenton, N. J.
Whitman & Barnes Mfg. Co., Akron, O.

E. TIRE REPAIR PLUGS.
Cox & Tingley, Elizabeth, N. J.
Overman Wheel Co., Chicopee Falls, Mass.

F. TIRE TAPE.
Overman Wheel Co., Chicopee Falls, Mass.

2728. BILLIARD CUSHIONS.
Akron Rubber Works, Akron, O.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.
Trenton Rubber Mfg. Co., Trenton, N. J.

2729. BLANKETS, RUBBER.
American Rubber Co., Boston, Mass.
Boston Belting Co., Boston, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

A. PRINTERS' RUBBER BLANKETS.
Boston Belting Co., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

B. TENT BLANKETS.
Chicago Rubber Clothing Co., Racine, Wis.
Cleveland Rubber Co., Cleveland, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

2730. BLOCKS, RUBBER.
Boston Belting Co., Boston, Mass.
E. H. Clapp Rubber Co., 7 Otis St., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Trenton Rubber Co., Trenton, N. J.

2731. BRATTICE CLOTH.
Mineralized Rubber Co., 18 Cliff St., New York.

2732. BULBS, RUBBER.
Akron Rubber Works, Akron, Pa.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Mattson Rubber Co., 11 Broadway, New York.
Parker, Stearns & Sutton, 229 South St., New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

2733. CARRIAGE TIRES, RUBBER.
Boston Belting Co., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Meeker Mfg. Co., Dayton, O.
Peoria Rubber Mfg. Co., Peoria, Ill.
Whitman & Barnes Mfg. Co., Akron, O.

A. PNEUMATIC TIRES, CARRIAGE.
American Dunlop Tire Co., Belleville, N. J.
Bunker Saddle Co., 208 Lake St., Chicago, Ill.
B. F. Goodrich Co., Akron, O.
India Rubber Co., Akron, O.
Meeker Mfg. Co., Dayton, O.
Union Carriage & Gear Co., Watertown, N. Y.

B. SOLID RUBBER TIRES.
India Rubber Co., Akron, O.
Union Carriage & Gear Co., Watertown, N. Y.

2734. CHAMBERS & COVERS, RUBBER.
Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

2735. CLOTHS, RUBBER.
Boston Belting Co., Boston, Mass.
Cable Rubber Co., Boston, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
Fairfield Rubber Co., Fairfield, Conn.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Edmond F. Heath & Son, Newark, N. J.
Mechanical Fabric Co., Providence, R. I.
Thomas Potter, Sons & Co., 522 Arch St., Philadelphia, Pa.

A. RUBBER ASBESTOS CLOTH.
H. W. Johns Mfg. Co., 100 William St., New York.

B. RUBBER DRILL.
Cable Rubber Co., Boston, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
Fairfield Rubber Co., Fairfield, Conn.

Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Trenton Oil Cloth & Linoleum Co., Trenton, N. J.
Trenton Rubber Co., Trenton, N. J.

C. RUBBER DUCK.
Cable Rubber Co., Boston, Mass.
Fairfield Rubber Co., Fairfield, Conn.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Trenton Rubber Co., Trenton, N. J.

2736. COLLARS & CUFFS, RUBBER.
M. & M. Mfg. Co., Springfield, Mass. *29

2737. CORD, RUBBER.
Boston Belting Co., Boston, Mass.
Geo. S. Colton, Easthampton, Mass.
Davol Rubber Co., Providence, R. I.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
New York Belting & Packing Co., 25 Park Place, New York.
Trenton Rubber Co., Trenton, N. J.
United Rubber Co., Trenton, N. J.

2738. CORRUGATED RUBBER.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.

2739. DIAPHRAGMS, RUBBER.
Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Davol Rubber Co., Providence, R. I.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.

2740. DOOR BANDS, RUBBER.
Boston Belting Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Seamless Rubber Co., New Haven, Conn.

2741. DRINKING CUPS, RUBBER.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

2742. DRUGGISTS' RUBBER GOODS.
Akron Rubber Works, Akron, O.
C. J. Bailey & Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
India Rubber Comb Co., 9 Mercer St., New York.
Mechanical Rubber Co., 22 Murray St., New York.
National India Rubber Co., Bristol, R. I.

2743. ELECTRICAL RUBBER GOODS.
Parker, Stearns & Sutton, 229 South St., New York.

2744. FINGER COTS, RUBBER.
Akron Rubber Works, Akron, O.
C. J. Bailey & Co., 22 Boylston St., Boston, Mass.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Mattson Rubber Co., 11 Broadway, New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

2745. FRICTION TAPE, RUBBER.
India Rubber Co., Akron, O.

2745½. FUNNELS, RUBBER.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
India Rubber Comb Co., 9 Mercer St., New York.
Mechanical Rubber Co., 22 Murray St., New York.
Tyer Rubber Co., Andover, Mass.

2746. FURNITURE FENDERS, RUBBER.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.

A. CHAIR LEG CUSHIONS, RUBBER.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.

2747. GUTTA PERCHA GOODS.
Akron Rubber Works, Akron, O.

Bishop Gutta Percha Co., 422 E. 25th St., New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Mechanical Rubber Co., 22 Murray St., New York.

2748. GUTTA PERCHA PIPE.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Goodyear Vulcanite Co., 568 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

2749. GUTTA PERCHA RODS.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Goodyear Vulcanite Co., 568 Broadway, New York.

2750. GUTTA PERCHA, SHEET.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Goodyear Vulcanite Co., 568 Broadway, New York.

A. GUTTA PERCHA TISSUE. Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Seabury & Johnson, 59 Maiden Lane, New York.

2751. HAVERSACKS, RUBBER.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

2752. LIFE PRESERVERS. Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Mechanical Rubber Co., 22 Murray St., New York.

A. LIFE VESTS. David Kahnweiler, 437 Pearl St., New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

B. SURF JACKETS. Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

2753. MALLETS, RUBBER. Boston Belting Co., Boston, Mass.

2754. MOULDED RUBBER GOODS.
Akron Rubber Works, Akron, O.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Davol Rubber Co., Providence, R. I.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Mechanical Rubber Co., 22 Murray St., New York.
Parker, Stearns & Sutton, 228 South St., New York.
Trenton Rubber Co., Trenton, N. J.

2755. NECK TIES, RUBBER. M. & M. Mfg. Co., Springfield, Mass. *29

2756. NURSERY GOODS, RUBBER.

A. DIAPERS.
Canfield Rubber Co., Bridgeport, Conn.
Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Tyer Rubber Co., Andover, Mass.

B. NIPPLES.
Akron Rubber Works, Akron, O.
Belknap Mfg. Co., Bridgeport, Conn.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gotham Co., 82 Warren St., New York.
Mattson Rubber Co., 11 Broadway, New York.
Miller Rubber Mfg. Co., Akron, O.
Parker, Stearns & Sutton, 228 South St., New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.
Walter F. Ware, 512 Arch St., Philadelphia, Pa.

C. NIPPLE SHIELDS.
Davol Rubber Co., Providence, R. I.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Mattson Rubber Co., 11 Broadway, New York.
Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Tyer Rubber Co., Andover, Mass.

D. NURSERY APRONS. Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

E. NURSERY FITTINGS.
Akron Rubber Works, Akron, O.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Mattson Rubber Co., 11 Broadway, New York.

F. TEETHING PADS.
Akron Rubber Works, Akron, O.
Davol Rubber Co., Providence, R. I.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

G. TEETHING RINGS.
Akron Rubber Works, Akron, O.
C. J. Bailey & Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
New York Rubber Co., 84 Reade St., New York.
Seamless Rubber Co., New Haven, Conn.

2757. RECLAIMED RUBBER. New Jersey Rubber Co., Lambertville, N. J.

2758. RINGS, RUBBER.
Akron Rubber Works, Akron, O.
Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Davidson Rubber Co., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Hodgman Rubber Co., 593 Broadway, New York.
Home Rubber Co., Trenton, N. J.
India Rubber Comb Co., 9 Mercer St., New York.
Mercer Rubber Co., Trenton, N. J.
New York Belting & Packing Co., 25 Park Place, New York.
Parker, Stearns & Sutton, 228 South St., New York.
New York Rubber Co., 84 Reade St., New York.
Trenton Rubber Co., Trenton, N. J.

A. FRUIT JAR RINGS.
Akron Rubber Works, Akron, O.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
New York Belting & Packing Co., 25 Park Place, New York.
Whitman & Barnes Mfg. Co., Akron, O.

B. RUBBER BOLT RINGS. Empire Rubber Mfg. Co., Trenton, N. J.

C. UMBRELLA RINGS.
Akron Rubber Works, Akron, O.
H. O. Canfield, Bridgeport, Conn.
Davidson Rubber Co., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Parker, Stearns & Sutton, 228 South St., New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

2759. ROLLS, RUBBER.
Akron Rubber Works, Akron, O.
Boston Belting Co., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Rubber Co., 84 Reade St., New York.
New York Belting & Packing Co., 25 Park Place, New York.

2760. RUBBER GOODS.
Akron Rubber Works, Akron, O.
American Hard Rubber Co., 9 Mercer St., New York.
C. J. Bailey & Co., Boston, Mass.
Boston Belting Co., Boston, Mass.
Canfield Rubber Co., Bridgeport, Conn.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Chicago Rubber Clothing Co., Racine, Wis.
Davol Rubber Co., Providence, R. I.
H. P. & E. Day, Seymour, Conn.
Fairfield Rubber Co., Fairfield, Conn.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Alfred Hale & Co., 30 School St., Boston, Mass.
Home Rubber Co., Trenton, N. J.
Lycoming Rubber Co., Williamsport, Pa.
Mechanical Rubber Co., 22 Murray St., New York.
Mercer Rubber Co., Trenton, N. J.
Metropolitan Rubber Co., Boston, Mass.
Mineralized Rubber Co., 18 Cliff St., New York.
National India Rubber Co., Bristol, R. I.
New Brunswick Rubber Co., New Brunswick, N. J.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.
Parker, Stearns & Sutton, 228 South St., New York.
Quaker City Rubber Co., Philadelphia, Pa.
Revere Rubber Co., Boston, Mass.
Standard Rubber Corporation, Boston, Mass.
Woonsocket Rubber Co., Woonsocket, R. I.

A. MECHANICAL RUBBER GOODS.
Akron Rubber Works, Akron, O.
Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Place, New York.

New York Rubber Co., 84 Reade St., New York.
Quaker City Rubber Co., Philadelphia, Pa.
Revere Rubber Co., 63 Franklin St., Boston, Mass.
Trenton Rubber Co., Trenton, N. J.
United Rubber Co., Trenton, N. J.

2761. RUBBER HAWSE PIPE STOPPERS.
American Ship Windlass Co., Providence, R. I.

2762. SHEET GUM, PURE. Akron Rubber Works, Akron, O.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Davol Rubber Co., Providence, R. I.
Eugene Doherty, 110 Kent Av., Brooklyn, N. Y.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Trenton Rubber Co., Trenton, N. J.

2763. SHEETING, RUBBER. Akron Rubber Works, Akron, O.
Canfield Rubber Co., Bridgeport, Conn.
Chicago Rubber Clothing Co., Racine, Wis.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Goodyear Vulcanite Co., 568 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
I. B. Kleinert Rubber Co., 727 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
Seabury & Johnson, 59 Maiden Lane, New York.
Tyer Rubber Co., Andover, Mass.

2764. SHIRT FRONTS, RUBBER.
M. & M. Mfg. Co., Springfield, Mass. *29

2765. SILL PLATES, RUBBER.
Rubber Step Mfg. Co., Exeter, N. H.

2766. SOLING, RUBBER. Akron Rubber Works, Akron, O.
Boston Belting Co., Boston, Mass.
Boston W. H. & Rubber Co., 226 Dev'shire St., Boston, Mass.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Place, New York.
Trenton Rubber Co., Trenton, N. J.

2767. SPRINGS, RUBBER. Akron Rubber Works, Akron, O.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.
Trenton Rubber Co., Trenton, N. J.
United Rubber Co., Trenton, N. J.

A. DOOR SPRINGS, RUBBER. Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Tyer Rubber Co., Andover, Mass.

B. ROLLER SKATE SPRINGS. Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

2768. SQUILGEES, RUBBER. D. W. Bosley Co., 210 Washington Boulevard, Chicago, Ill.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

2769. STOPPLES, RUBBER. Akron Rubber Works, Akron, O.
Boston Belting Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Hodgman Rubber Co., 593 Broadway, New York.
India Rubber Comb Co., 9 Mercer St., New York.
Mattson Rubber Co., 11 Broadway, New York.
New York Belting & Packing Co., 25 Park Place, New York.
Parker, Stearns & Sutton, 228 South St., New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.
United Rubber Co., Trenton, N. Y.

2770 STRIPS, RUBBER. Boston Belting Co., 256 Devonshire St., Boston, Mass.

2771. THIMBLES, RUBBER. Goodyear Rubber Co., 787 Broadway, New York.

Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

2772. TROUSERS STRAPS. Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

2773. TRUMPETS, RUBBER. C. J. Bailey & Co., 22 Boylston St., Boston, Mass.

2774. TUBING, RUBBER.
Akron Rubber Works, Akron, O.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Empire Rubber Mfg. Co., Trenton, N. J.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Goodyear Vulcanite Co., 568 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.
Parker, Stearns & Sutton, 228 South St., New York.
Seamless Rubber Co., New Haven, Conn.
Trenton Rubber Co., Trenton, N. J.
Tyer Rubber Co., Andover, Mass.

A. BEER TUBING.
Boston Belting Co., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, Pa.
Trenton Rubber Co., Trenton, N. J.

B. CLOTH INSERTION TUBING.
Boston Belting Co., Boston, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Rubber Co., 84 Reade St., New York.

C. HARD RUBBER TUBING.
Akron Rubber Works, Akron, O.
Goodyear Vulcanite Co., 568 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

D. RUBBER GAS TUBING. Home Rubber Co., Trenton, N. J.

E. SODA TUBING.
Boston Belting Co., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Trenton Rubber Co., Trenton, N. J.

2775. URINALS, RUBBER.
Akron Rubber Works, Akron, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Tyer Rubber Co., Andover, Mass.

2776. VALVES, RUBBER.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Empire Rubber Mfg. Co., Trenton, N. J.
B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., New York.
Trenton Rubber Co., Trenton, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

A. BALL VALVES.
Boston Belting Co., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
T. Draper, Port Huron, Mich.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.
Trenton Rubber Co., Trenton, N. J.

2777. VULCANITE RUBBER. I. B. Kleinert Rubber Co.. 725 Broadway, New York.

2778. VULCANIZED RUBBER FABRICS.
Boston Belting Co., Boston, Mass.

Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.

2779. VULCANIZED RUBBER GOODS.
Cable Rubber Co., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New York Rubber Co., New York.
Mechanical Rubber Co., 22 Murray St., New York.

2780. VULCANIZED RUBBER SPECIALTIES.
Goodyear Vulcanite Co., 568 Broadway, New York.

2781. WASHERS, RUBBER.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.
I. G. Marston & Co., Boston, Mass.
New York Rubber Co., 84 Reade St., New York.
Trenton Rubber Co., Trenton, N. J.
United Rubber Co., Trenton, N. J.

2782. WATER BEDS.
Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Tyer Rubber Co., Andover, Mass.

2783. WINDOW CLEANERS, RUBBER.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 593 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

2784. WRINGER ROLLS.
Boston Belting Co., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Combination Roll & Rubber Co., 38 Park Row, New York.
Goodyear Rubber Co., 787 Broadway, New York.
Home Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Place, New York.

XXXV. SILVER AND PLATED WARE.

2785. ALTAR VESSELS.
Anchor Silver Plate Co., Oswego, N. Y.
W. J. Feeley Co., 185 Eddy St., Providence, R. I.

2786. ANTIQUE STERLING WARE.
George W. Shiebler & Co., 33 Union Square, New York.

2787. COMMUNION SERVICES.
Bay State Aluminum Co., Quincy, Mass.
Gorham Mfg. Co., 889 Broadway, New York.
J. & R. Lamb, 59 Carmine St., New York.
Manhattan Silver Plate Co., Lyons, N. Y.
Meriden Britannia Co., Meriden, Conn.
Middletown Plate Co., Middletown, Conn.
Pairpoint Mfg. Co., New Bedford, Mass.
Reed & Barton Corporation, Taunton, Mass.
Simpson, Hall, Miller & Co., Wallingford, Conn.
Tiffany & Co., Inc., 15 Union Square, New York.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
E. G. Webster & Son, 622 Atlantic Av., Brooklyn, N. Y.
Wilcox Silver Plate Co., Meriden, Conn.
Wood & Hughes, 24 John St., New York.

A. POCKET COMMUNION SERVICES.
J. & R. Lamb, 59 Carmine St., New York.

2788. FLAT WARE.

A. NICKEL SILVER FLAT WARE.
Boardman & Son, East Haddam, Conn.
Holmes & Edwards Silver Co., Bridgeport, Conn.
Oneida Community, Ltd., Community, N. Y.
Pairpoint Mfg. Co., New Bedford, Mass.
Reed & Barton Corporation, Taunton, Mass.

Rogers & Hamilton Co., Waterbury, Conn.
Towle Mfg. Co., Newburyport, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

B. PLATED FLAT WARE.

Acme Silver Plate Co., Boston, Mass.
Anchor Silver & Plate Co., Oswego, N. Y.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Boardman & Son, East Haddam, Conn.
Bristol Brass & Clock Co., Bristol, Conn.
Dominick & Haff, 860 Broadway, New York.
Harvey Filley Plating Works, 437 N. 11th St., Phila., Pa.
Gorham Mfg. Co., 889 Broadway, New York.
International Silver Co., Meriden, Conn.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
Meriden Silver Plate Co., Meriden, Conn.
S. F. Meyers Co., 48 Maiden Lane, New York.
Niagara Silver Co., Niagara Falls, N. Y.
Northampton Cutlery Co., Northampton, Mass.
Pairpoint Mfg. Co., New Bedford, Mass.
Reed & Barton Corporation, Taunton, Mass.
C. Rogers & Bros., Meriden, Conn.
Rogers & Bro., Waterbury, Conn.
Rogers & Hamilton Co., Waterbury, Conn.
Wm. Rogers Mfg. Co., Hartford, Conn.
John Russell Cutlery Co., Turner's Falls, Mass.
Silver Plate Cutlery Co., Derby, Conn.
Simpson, Hall, Miller & Co., Wallingford, Conn.
A. F. Towle & Son Co., Greenfield, Mass.
Towle Mfg. Co., Newburyport, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
E. G. Webster & Son, 622 Atlantic Av., Brooklyn, N. Y.
F. M. Whiting Co., North Attleboro, Mass.
Wilcox Silver Plate Co., Meriden, Conn.
Williams Bros. Mfg. Co., Naubuc, Conn.

C. STERLING FLAT WARE.

Geo. Careless, 641 Arch St., Philadelphia, Pa.
Dominick & Haff, 860 Broadway, New York.
Fessenden & Co., Providence, R. I.
Gorham Mfg. Co., 889 Broadway, New York.
Holmes & Edwards Silver Co., Bridgeport, Conn.
International Silver Co., Meriden, Conn.
Reed & Barton Corporation, Taunton, Mass.
Reinhold G. Ledig, 811 Cherry St., Philadelphia, Pa.
George W. Shiebler & Co., 33 Union Square, New York.
Simpson, Hall, Miller & Co., Wallingford, Conn.
Tiffany & Co., Inc., 15 Union Square, N. Y.
A. F. Towle & Son Co., Greenfield, Mass.
Towle Mfg. Co., Newburyport, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
F. M. Whiting Co., North Attleboro, Mass.
Whiting Mfg. Co., 871 Broadway, New York.
Williams Bros. Mfg. Co., Naubuc, Conn.
Wood & Hughes, 24 John St., New York.

2789. GERMAN SILVER WARE.

Hall, Elton & Co., Inc., Wallingford, Conn.
Holmes & Edwards Silver Co., Bridgeport, Conn.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Niagara Silver Co., Niagara Falls, N. Y.
Rogers & Hamilton Co., Waterbury, Conn.
Simpson, Hall, Miller & Co., Wallingford, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

2790. HOLLOW WARE.

A. PLATED HOLLOW WARE.

Acme Silver Plate Co., Boston, Mass.
Anchor Silver Plate Co., Oswego, N. Y.
Aurora Silver Plate Mfg. Co., Aurora, Ill.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
L. Boardman & Son, East Haddam, Conn.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Derby Silver Co., Derby, Conn.
Dominick & Haff, 860 Broadway, New York.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
International Silver Co., Meriden, Conn.
Knickerbocker Silver Co., Port Jervis, N. Y.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Manhattan Silver Plate Co., Lyons, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.

Meriden Silver Plate Co., Meriden, Conn.
S. F. Meyers Co., 48 Maiden Lane, New York.
Middletown Plate Co., Middletown, Conn.
Pairpoint Mfg. Co., New Bedford, Mass.
Pelton Bros. Silver Plate Co., St. Louis, Mo.
Reed & Barton Corporation, Taunton, Mass.
Bernard Rice's Sons, 518 Broadway, New York.
Rogers & Bros., Waterbury, Conn.
C. Rogers & Bros., Meriden, Conn.
Wm. Rogers Mfg. Co., Hartford, Conn.
Rogers & Hamilton Co., Waterbury, Conn.
Schade & Co., 56 Ainslie St., Brooklyn, N. Y.
Simpson, Hall, Miller & Co., Wallingford, Conn.
Stewart & Peterson Co., Burlington, N. J.
A. F. Towle & Son Co., Greenfield, Mass.
R. Wallace, Sons Mfg. Co., Wallingford, Conn.
E. G. Webster & Son, 622 Atlantic Av., Brooklyn, N. Y.
West Silver Co., Taunton, Mass.
Wilcox Silver Plate Co., Meriden, Conn.

B. STERLING HOLLOW WARE.
Acme Silver Plate Co., Boston, Mass.
Geo. Careless, 641 Arch St., Philadelphia, Pa.
Dominick & Haff, 860 Broadway, New York.
Reed & Barton Corporation, Taunton, Mass.
George W. Shiebler & Co., 33 Union Square, New York.
Simpson, Hall, Miller & Co., Wallingford, Conn.
Tiffany & Co., Inc., 15 Union Square, New York.
A. F. Towle & Son Co., Greenfield, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Whiting Mfg. Co., 871 Broadway, New York.
Wood & Hughes, 24 John St., New York.

2791. HOTEL WARE, PLATED.

Gorham Mfg. Co., 889 Broadway, New York.
Illinois Pure Aluminum Co., Lemont, Ill.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Manhattan Silver Plate Co., Lyons, N. Y.
Meriden Britannia Co., Meriden, Conn.
Meriden Silver Plate Co., Meriden, Conn.
Middletown Plate Co., Middletown, Conn.
Pairpoint Mfg. Co., New Bedford, Mass.
Reed & Barton Corporation, Taunton, Mass.
C. Rogers & Bros., Meriden, Conn.
Rogers & Bros., Waterbury, Conn.
Rogers & Hamilton Co., Waterbury, Conn.
Simpson, Hall, Miller & Co., Wallingford, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Wilcox Silver Plate Co., Meriden, Conn.

2792. SILVER WARE.

A. NICKEL SILVER PLATED WARE.
Boardman & Son, East Haddam, Conn.
Gorham Mfg. Co., 889 Broadway, New York.
Holmes & Edwards Silver Co., Bridgeport, Conn.
Niagara Silver Co., Niagara Falls, N. Y.
Pairpoint Mfg. Co., New Bedford, Mass.
Simpson, Hall, Miller & Co., Wallingford, Conn.
Tiffany & Co., Inc., 15 Union Sq., New York.
A. F. Towle & Son Co., Greenfield, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Wilcox Silver Plate Co., Meriden, Conn.

B. PLATED SILVER WARE.
Acme Silver Plate Co., Boston, Mass.
Anchor Silver Plate Co., Oswego, N. Y.
Aurora Silver Plate Mfg. Co., Aurora, Ill.
R. Blackinton & Co., North Attleboro, Mass.
Boardman & Son, East Haddam, Conn.
J. Briggs & Sons Co., Providence, R. I.
Derby Silver Co., Birmingham, Conn.
Wm. B. Durgin Co., Concord, N. H.
Holmes & Edwards Silver Co., Bridgeport, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Homan Silver Plate Co., Cincinnati, O.
Kann & Sons Mfg. Co., Baltimore, Md.
Samuel Kirk & Son Co., Baltimore, Md.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Manhattan Silver Plate Co., 253 Broadway, New York.
Manning, Bowman & Co., Meriden, Conn.
B. J. Mayo, Newark, N. J.
John Meadows, 1203 Sansom St., Philadelphia, Pa.
Meriden Britannia Co., Meriden, Conn.

Meriden Silver Plate Co., Meriden, Conn.
Middletown Plate Co., Middletown, Conn.
Niagara Silver Co., Niagara Falls, N. Y.
Oneida Community, Ltd., Community, N. Y.
Pairpoint Mfg. Co., New Bedford, Mass.
Reed & Barton Corporation, Taunton, Mass.
Rockford Silver Plate Co., Rockford, Ill.
C. Rogers & Bros., Meriden, Conn.
Rogers & Bros., Waterbury, Conn.
Rogers & Hamilton Co., Waterbury, Conn.
Wm. Rogers Mfg. Co., Hartford, Conn.
Schade & Co., 56 Ainslie St., Brooklyn, N. Y.
Jos. Seymour Mfg. Co., Syracuse, N. Y.
Silver Plate Cutlery Works, Derby, Conn.
Simpson, Hall, Miller & Co., Wallingford, Conn.
A. F. Towle & Son Co., Greenfield, Mass.
Towle Mfg. Co., Newburyport, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Watsons Mfg. Co., Wallingford, Conn.
E. G. Webster & Son, 622 Atlantic Av., Brooklyn, N. Y.
F. M. Whiting Co., North Attleboro, Mass.
Wilcox Silver Plate Co., Meriden, Conn.

C. STERLING SILVER WARE.

Anchor Silver Plate Co., Oswego, N. Y.
Bigelow, Kennard & Co., Boston, Mass.
W. J. Braitsch & Co., Providence, R. I.
Geo. Careless, 641 Arch St., Philadelphia, Pa.
Dominick & Haff, 860 Broadway, New York.
Fahys Watch Case Co., Sag Harbor, N. Y.
Fessenden & Co., Providence, R. I.
Theodore W. Foster, Providence, R. I.
Gorham Mfg. Co., 889 Broadway, New York.
Hamilton & Diesinger, 1208 Chestnut St., Philadelphia, Pa.
Holmes & Edwards Silver Co., Bridgeport, Conn.
J. B. & S. M. Knowles, Providence, R. I.
Reed & Barton Corporation, Taunton, Mass.
George W. Shiebler & Co., 33 Union Square, New York.
Shreve, Crump & Low Mfg. Co., Boston, Mass.
Simmons & Page, Providence, R. I.
Spaulding & Co., Inc., State & Jackson Sts., Chicago, Ill.
Theodore B. Starr, 206 5th Av., New York.
Tiffany & Co., Inc., 15 Union Sq., New York.
A. F. Towle & Son Co., Greenfield, Mass.
Towle Mfg. Co., Newburyport, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Watsons Mfg. Co., Wallingford, Conn.
F. M. Whiting Co., North Attleboro, Mass.
Whiting Mfg. Co., 871 Broadway, New York.
Wood & Hughes, 24 John St., New York.

2793. STERLING SILVER TRIMMINGS.

Webster Co., North Attleboro, Mass.

2794. TABLE KNIVES, PLATED.

Anchor Silver Plate Co., Oswego, N. Y.
C. L. Barrows & Co., Attleboro Falls, Mass.
Boardman & Son, East Haddam, Conn.
Meriden Britannia Co., Meriden, Conn.
Middletown Plate Co., Middletown, Conn.
Northampton Cutlery Co., Northampton, Mass.
Pairpoint Mfg. Co., New Bedford, Mass.
Rogers & Bro., Waterbury, Conn.
Rogers & Hamilton Co., Waterbury, Conn.
Wm. Rogers Mfg. Co., Hartford, Conn.
John Russell Cutlery Co., Turner's Falls, Mass.
Silver Plate Cutlery Works, Derby, Conn.
Simpson, Hall, Miller & Co., Wallingford, Conn.
Towle Mfg. Co., Newburyport, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Williams Bros. Mfg. Co., Naubuc, Conn.

XXXVI. STATIONERY AND PRINTING.

2795. ACADEMY BOARD. F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.

2796. ALBERTYPES. Forbes Lith. Mfg. Co., Boston, Mass.

2797. ALBUMS. S. Langsdorf & Co., 568 Broadway, New York.

A. AUTOGRAPH ALBUMS.
Boorum & Pease Co., 103 Duane St., New York.
Koch, Sons & Co., 541 Pearl St., New York.
Saugerties Mfg. Co., Saugerties, N. Y.

B. PHOTOGRAPH ALBUMS.
Boorum & Pease Co., 103 Duane St., New York.
G. Gennert, 24 E. 13th St., New York.
Koch, Sons & Co., 541 Pearl St., New York.
S. Langsdorf & Co., 568 Broadway, New York.

C. POSTAGE STAMP ALBUMS.
Scott Stamp & Coin Co., 18 E. 23d St., New York.

2798. BILL FILE HOOKS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
H. L. Judd & Co., 87 Chambers St., New York.
Low Art Tile Co., Chelsea, Mass.
Phila. Novelty Mfg. Co., 13th & Noble Sts., Philadelphia, Pa.
J. J. Warren Co., Worcester, Mass.
C. T. Williamson Wire Novelty Co., Newark, N. J.

2799. BINDERS, BOOK & PAPER.
Holmes, Booth & Haydens, Waterbury, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Koch, Sons & Co., 541 Pearl St., New York.
Library Bureau, Boston, Mass. *26
William Mann Co., 529 Market St., Philadelphia, Pa.
Asa L. Shipman, 12 Warren St., New York.

2800. BLACKBOARDS.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Auld & Conger, Cleveland, O.
Monson-Burmah Slate Co., Portland, Me.
N. Y. Silicate Book Slate Co., 68 Church St., New York.
Whitney Reed Chair Co., Leominster, Mass.

A. BLACKBOARD DIVIDERS.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Munger & Son, East River, Conn.

B. BLACKBOARD SLATING LIQUID.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Munger & Son, East River, Conn.
N. Y. Silicate Book Slate Co., 68 Church St., New York.

C. CHILDREN'S BLACK-BOARDS.
A. Meinecke & Son, Milwaukee, Wis.

D. CLOTH BLACKBOARDS.
Munger & Son, East River, Conn.

E. ROLL BLACKBOARDS.
N. Y. Silicate Book Slate Co., 68 Church St., New York.

F. SILICATE BLACKBOARDS.
N. Y. Silicate Book Slate Co., 68 Church St., New York.

G. SILICATE SHEETS, BLACK & WHITE.
N. Y. Silicate Book Slate Co., 68 Church St., New York.

H. SLATE BLACKBOARDS, BANGOR.
Bangor Excelsior Slate Co., Easton, Pa.
Billings Mantel & Tile Works, Troy, N. Y.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
E. L. Goodrich & Co., Fair Haven, Vt.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Penrhyn Slate Co., 101 E. 17th St., New York.
Slatington-Bangor Slate Syndicate, Slatington, Pa.

2801. BLANK BOOKS.

A. ACCOUNT BOOKS.
Ackerman Co., Providence, R. I.
Althof & Bahls, San Francisco, Cal.
Baker-Vawter Co., 1102 Marianna St., Chicago, Ill.
Geo. D. Barnard & Co., St. Louis, Mo.
Boorum & Pease Co., 103 Duane St., New York.
Brooks Co., Cleveland, O.
J. B. Burr & Co., Hartford, Conn.
Burr Index Co., Hartford, Conn.
Cameron, Amberg & Co., 71 Lake St., Chicago, Ill.
Wm. M. Christy's Sons Co., 14 S. 5th St., Philadelphia, Pa.
Corliss Macy & Co., 95 William St., New York.
Egbert, Fidlar & Chambers, Davenport, Iowa.
Forman-Bassett-Hatch Co., Cleveland, O.
Francis & Loutrel Co., 146 William St., New York.
Aaron R. Gay & Co., Boston, Mass.

Jacob Gottlieb, Cumberland, Md.
Thomas Groom & Co., Boston, Mass.
W. C. Hamblin & Co., 26 Barclay St., New York.
Hicks, Judd & Co., San Francisco, Cal.
Hofstetter Bros., 508 Cherry St., Philadelphia, Pa.
Kiggins & Tooker Co., 123 William St., New York.
B. A. Kissam, 26 Beekman St., New York.
Koch, Sons & Co., 541 Pearl St., New York.
Liebenroth, Von Auw & Co., 25 E. Houston St., New York.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
Francis & Loutrel Co., 146 William St., New York.
Richard E. Lusk & Son, 27 Park Place, New York.
William Mann Co., 529 Market St., Philadelphia, Pa.
Marshall & Bruce Co., Nashville, Tenn.
Massman & Volmer Co., Davenport, Iowa.
Maynard-Gough Co., Worcester, Mass.
J. S. McDonald & Co., 601 Graceland Av., Chicago, Ill.
W. F. Murphy's Sons Co., 509 Chestnut St., Philadelphia, Pa.
National Blank Book Co., Holyoke, Mass.
N. Y. Blank Book Co., 7 Laight St., New York.
Plimpton Mfg. Co., Hartford, Conn.
H. G. Razall Mfg. Co., Milwaukee, Wis.
Reynolds & Reynolds Co., Dayton, O.
Roaring Spring Blank Book Co., Roaring Spring, Pa.
Safeguard Account Co., 346 Wabash St., Chicago, Ill.
Saugerties Mfg. Co., Saugerties, N. Y.
Sentinel Co., Milwaukee, Wis.
J. G. Shaw Blank Book Co., 267 Canal St., New York.
Henry O. Shepard Co., 214 Monroe St., Chicago, Ill.
Daniel Slote & Co., 119 William St., New York.
Swinburne & Co., Minneapolis, Minn.
Tower Mfg. & Novelty Co., 306 Broadway, New York.
Waterbury Blank Book Mfg. Co., Waterbury, Conn.
A. J. Wells Mfg. Co., Syracuse, N. Y.
Winn & Hammond, Detroit, Mich.

B. ADVERTISING MEMORANDUM BOOKS.
Cussons, May & Co., Glenallen, Va.
H. Albert Pershing, South Bend, Ind.

C. BILL BOOKS.
Arms Mfg. Co., South Deerfield, Mass.
Bates Bros. Co., Athol, Mass.

D. BUSINESS COLLEGE BOOKS.
Boorum & Pease Co., 103 Duane St., New York.

E. CASH BOOKS.
American Bank Note Co., 86 Trinity Place, New York.
Boorum & Pease Co., 103 Duane St., New York.
Wm. Mann Co., 529 Market St., Philadelphia, Pa.
National Blank Book Co., Holyoke, Mass.

F. COMPOSITION BOOKS.
Fort Orange Pad Co., Castleton, N. Y.
N. Y. Blank Book Co., 7 Laight St., New York.

G. DRAWING BOOKS.
Boorum & Pease Co., 103 Duane St., New York.
National Blank Book Co., Holyoke, Mass.

H. ENGINEERS' FIELD BOOKS.
Keuffel & Esser Co., 127 Fulton St., New York.
Wm. Mann Co., 529 Market St., Philadelphia, Pa.

I. HOTEL REGISTERS.
Thomas Groom & Co., Boston, Mass.
Maynard-Gough Co., Worcester, Mass.

J. INVOICE BOOKS.
Boorum & Pease Co., 103 Duane St., New York.
Egbert Fidlar & Chambers, Davenport, Iowa.
Koch, Sons & Co., 541 Pearl St., New York.
Wm. Mann Co., 529 Market St., Philadelphia, Pa.
N. Y. Blank Book Co., 7 Laight St., New York.
Asa L. Shipman, 12 Warren St., New York.

K. LETTER COPYING BOOKS.
Amberg File & Index Co., 71 Lake St., Chicago, Ill.
Bailey Mfg. Co., Hartford, Conn.
Baker & Vawter Co., 1102 Marianna St., Chicago, Ill.
Boorum & Pease Co., 103 Duane St., New York.
Thomas Groom & Co., Boston, Mass.
Wm. Mann Co., 529 Market St., Philadelphia, Pa.
C. S. McKim Co., Cleveland, O.
N. Y. Blank Book Co., 7 Laight St., New York.
H. G. Razall Mfg. Co., Milwaukee, Wis.
J. G. Shaw Blank Book Co., 207 Canal St., New York.
F. S. Webster Co., Boston, Mass.
Frank H. Whittelsey, Windsor Locks, Conn.
Chas. H. Wood & Co., 614 5th Av., Chicago, Ill.

L. LIVERY BOOKS.
Maynard-Gough Co., Worcester, Mass.

M. MANIFOLD BOOKS.
Boorum & Pease Co., 103 Duane St., New York.
Chas. E. Cosby & Co., St. Paul, Minn.
Francis & Loutrel Co., 146 William St., New York.

	J. C. Hall Co., Providence, R. I.
	Samuel Hano Co., Boston, Mass.
N. MEMORANDUM BOOKS.	Geo. D. Barnard & Co., St. Louis, Mo.
	Boorum & Pease Co., 103 Duane St., New York.
	Egbert, Fidlar & Chambers, Davenport, Iowa.
	Eberhard Faber, 545 Pearl St., New York.
	Wm. Mann Co., 529 Market St., Philadelphia, Pa.
	National Blank Book Co., Holyoke, Mass.
	N. Y. Blank Book Co., 7 Laight St., New York.
	J. G. Shaw Blank Book Co., 267 Canal St., New York.
O. MUSIC BOOKS.	Koch, Sons & Co., 541 Pearl St., New York.
P. NOTE BOOKS.	Boorum & Pease Co., 103 Duane St., New York.
	Fort Orange Pad Co., Castleton, N. Y.
	Thomas Groom & Co., Boston, Mass.
Q. ORDER BOOKS.	N. Y. Blank Book Co., 7 Laight St., New York.
R. ORDER BOOKS, REPEATING.	J. C. Hall Co., Providence, R. I.
	Reynolds & Reynolds Co., Dayton, O.
S. PASS BOOKS.	Geo. D. Barnard & Co., St. Louis, Mo.
	Wm. Mann Co., 529 Market St., Philadelphia, Pa.
	National Blank Book Co., Holyoke, Mass.
	N. Y. Blank Book Co., 7 Laight St., New York.
T. PHYSICIANS' BOOKS.	Burr Index Co., Hartford, Conn.
U. RECEIPT BOOKS.	Wm. Mann Co., 529 Market St., Philadelphia, Pa.
V. RECORD BOOKS.	Boorum & Pease Co., 103 Duane St., New York.
	Thomas Groom & Co., Boston, Mass.
W. SALES BOOKS.	Boorum & Pease Co., 103 Duane St., New York.
	Chas. E. Cosby & Co., St. Paul, Minn.
	Wm. Mann Co., 529 Market St., Philadelphia, Pa.
X. SCHOOL WRITING BOOKS.	American Book Co., 100 Washington Sq., New York.
	Boorum & Pease Co., 103 Duane St., New York.
Y. SCRAP BOOKS.	Boorum & Pease Co., 103 Duane St., New York.
	Koch, Sons & Co., 541 Pearl St., New York.
	Wm. Mann & Co., 529 Market St., Philadelphia, Pa.
	Asa L. Shipman, 12 Warren St., New York.
Z. SCRATCH BOOKS.	Boorum & Pease Co., 103 Duane St., New York.
	Burr Index Co., Hartford, Conn.
AA. SELF COPYING BOOKS.	Hull Mfg. Co., 99 Madison St., Chicago, Ill.
BB. SHIPPING BOOKS.	Chas. E. Cosby & Co., St. Paul, Minn.
2802. BLOTTING PAD HOLDERS.	
	Gage Tool Co., Vineland, N. J.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
2803. BOOK COVERS.	John Campbell & Co., 164 William St., New York.
2804. BOOK HOLDERS.	E. C. Stearns & Co., Syracuse, N. Y.
2805. CABLE CODES.	Atlantic Cable Directory & Code Co., 253 B'way, New York.
	Hartfield Telegraphic Code Publishing Co., 71 Broad St., N. Y.
	Henry Harvey, 125 Pearl St., New York.
	F. O. Houghton & Co., Boston, Mass.
	International Cable Directory Co., 30 Broad St., New York.
	B. Franklin Lieber, 2 Stone St., New York.
	U. S. Industrial Publishing Co., 31 State St., New York.
2806. CALENDARS.	Arlington Mfg. Co., 475 Broadway, New York.
	Bufford's Sons Engraving & Lithographing Co., Boston, Mass.
	Carter's Ink Co., Boston, Mass.
	Cussons, May & Co., Glen Allen, Va.
	Forbes Lithograph Mfg. Co., Boston, Mass.
	Gies & Co., Buffalo, N. Y.
	H. L. Judd & Co., 87 Chambers St., New York.
	John A. Lowell & Co., Boston, Mass.
	Sewell-Clapp Mfg. Co., S. Water St. & 5th Av., Chicago, Ill.
	Wittemann Bros., 188 William St., New York.
A. ADVERTISING CALENDARS.	Geo. S. Vibbert & Co., Clintonville, Conn.
2807. CALENDAR STANDS.	Wrightsville Hardware Co., Wrightsville, Pa.
2808. CARD COUNTERS.	Cussons, May & Co., Glen Allen, Va.
2809. CARD RACKS.	Landers, Frary & Clark, New Britain, Conn.
	Sam'l C. Tatum Co., Cincinnati, O.
	Henry R. Van Epps, Peoria, Ill.
2810. CARDS.	
A. ADVERTISING CARDS.	Bufford's Sons Engraving & Lithographing Co., Boston, Mass.
	Kaufmann & Strauss Co., 368 Broadway, New York.
	S. C. Patterson, New York.
	Michael F. Tobin, 299 Broadway, New York.
	Geo. S. Vibbert & Co., Clintonville, Conn.
B. BEVEL EDGE CARDS.	Barnum & Co., 120 William St., New York.
	A. M. Collins Mfg. Co., 527 Arch St., Philadelphia, Pa.
	G. B. Hurd & Co., 425 Broome St., New York.
	S. Trier & Son, 546 Pearl St., New York.

Geo. S. Vibbert & Co., Clintonville, Conn.

C. CHROMO CARDS.
Charles Beck Paper Co., Ltd., 609 Chestnut St., Phila., Pa.
Joseph Hoover & Son, 450 N. 13th St., Philadelphia, Pa.
Michael F. Tobin, 299 Broadway, New York.
Geo. S. Vibbert & Co., Clintonville, Conn.
Wolf & Co., 709 Vine St., Philadelphia, Pa.

D. CUT CARDS.
Barnum & Co., 120 William St., New York.
Chas. Beck Paper Co., 609 Chestnut St., Philadelphia, Pa.
A. M. Collins Mfg. Co., 527 Arch St., Philadelphia, Pa.
Fall Mountain Paper Co., Bellows Falls, Vt.
Philip Hake Mfg. Co., 621 Broadway, New York.
Geo. B. Hurd & Co., 425 Broome St., New York.
Nashua Card & Glazed Paper Co., Nashua, N. H.
Geo. H. Simpson & Co., 8 Spruce St., New York.
S. Trier & Son, 546 Pearl St., New York.
Geo. S. Vibbert & Co., Clintonville, Conn.

E. DANCE ORDERS.
Philip Hake Mfg. Co., 621 Broadway, New York.
Michael F. Tobin, 299 Broadway, New York.
Geo. S. Vibbert & Co., Clintonville, Conn.

F. DIRECTION CARDS.
Dennison Mfg. Co., Boston, Mass.

G. DRAWING CARDS.
Keuffel & Esser Co., 127 Fulton St., New York.
A. Lovell & Co., 70 5th Av., New York.

H. GILT EDGE CARDS.
A. M. Collins Mfg. Co., 527 Arch St., Philadelphia, Pa.
Philip Hake Mfg. Co., 621 Broadway, New York.
G. B. Hurd & Co., 425 Broome St., New York.
Michael F. Tobin, 299 Broadway, New York.

I. HOLIDAY CARDS.
Kaufmann & Strauss Co., 368 Broadway, New York.
Taber-Prang Art Co., Springfield, Mass.
Michael F. Tobin, 299 Broadway, New York.
Geo. S. Vibbert & Co., Clintonville, Conn.
Geo. C. Whitney Co., Worcester, Mass.

J. MEMORANDUM CARDS.
Philip Hake Mfg. Co., 621 Broadway, New York.
Taber-Prang Art Co., Springfield, Mass.

K. MEMORIAL CARDS.
Michael F. Tobin, 299 Broadway, New York.

L. MERIT CARDS.
Taber-Prang Art Co., Springfield, Mass.
Geo. S. Vibbert & Co., Clintonville, Conn.

M. MOURNING CARDS.
Philip Hake Mfg. Co., 621 Broadway, New York.

N. MUSIC CARDS.
Koch, Sons & Co., 541 Pearl St., New York.

O. PLAYING CARDS.
American Playing Card Co., Kalamazoo, Mich.
A. Ball & Bro., 85 Market St., Chicago, Ill.
Chicago Card Co., 201 E. Van Buren St., Chicago, Ill.
Andrew Dougherty, 80 Centre St., New York.
New York Consolidated Card Co., 222 W. 14th St., New York.
North American Card Co., 194 S. Clinton St., Chicago, Ill.
Perfection Playing Card Co., 102 Reade St., New York.
United States Playing Card Co., Cincinnati, O.
United States Printing Co. of Ohio, Cincinnati, O.

P. RAGGED EDGE CARDS.
A. M. Collins Mfg. Co., 527 Arch St., Philadelphia, Pa.
Geo. B. Hurd & Co., 425 Broome St., New York.
Michael F. Tobin, 299 Broadway, New York.
Geo. S. Vibbert & Co., Clintonville, Conn.

Q. SAMPLE CARDS.
Moses Bloom, 81 Walker St., New York.
John K. McIlwain, 31 S. 3d St., Philadelphia, Pa.
Nashua Card & Glazed Paper Co., Nashua, N. H.
Trautmann, Bailey & Blampey, 312 Broadway, New York.

2811. CHECK PROTECTORS.
Abbott Machine Co., 84 Vanburen St., Chicago, Ill.
Burton Mfg. Co., Kingston, N. Y.
J. F. W. Dorman Co., Baltimore, Md.
Geo. Eakins & Son, 930 Chestnut St., Philadelphia, Pa.
B. B. Hill Mfg. Co., 1020 New Market St., Philadelphia, Pa.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Samuel Mafew Co., 392 Broadway, New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Wesley Mfg. Co., 41 Park Row, New York.

A. CHECK CANCELLING MACHINES.
Abbott Machine Co., 84 Vanburen St., Chicago, Ill.
B. F. Cummins Co., 232 S. Clinton St., Chicago, Ill.

2812. CLIPS, STATIONERS'.
Cohannet Mills, Taunton, Mass.
Cushman & Dennison, 174 9th Av., New York.
Globe Co., Cincinnati, O.
H. L. Judd & Co., 87 Chambers St., New York.
Peck, Stow & Wilcox Co., Southington, Conn.
Phila. Novelty Mfg. Co., 13th & Noble Sts., Philadelphia, Pa.
Pratt Mfg. Co., 167 Wooster St., New York.
Spencerian Pen Co., 450 Broome St., New York.
Sam'l C. Tatum Co., Cincinnati, O.

2813. COIN HOLDERS.
W. H. Woglom, 239 Greenwich St., New York.
Cutter Tower Co., Boston, Mass.
Dennison Mfg. Co., Boston, Mass.
Scott Stamp & Coin Co., 18 E. 23d St., New York.

2814. COMMERCIAL LITHOGRAPHING & PRINTING.

A. CHEQUE & DRAFT BOOKS.
American Bank Note Co., 86 Trinity Place, New York.
Corlies, Macy & Co., 95 William St., New York.
Forbes Lith. Mfg. Co., Boston, Mass.
Francis & Loutrel Co., 146 William St., New York.
Gies & Co., Buffalo, N. Y.
Griffith, Axtel & Cady Co., Holyoke, Mass.
J. C. Hall Co., Providence, R. I.
International Bank Note Co., 18 Broadway, New York.
Milton C. Johnson & Co., 64 Reade St., New York.
J. M. W. Jones Stat'ry & Print. Co., 76 Sherman St., Chic., Ill.
Wm. Mann Co., 529 Market St., Philadelphia, Pa.
New York Bank Note Co., 75 6th Av., New York.
J. Ottman Lithographing Co., 39 E. Houston St., New York.
Western Bank Note & Eng. Co., 207 Madison St., Chic., Ill.

B. CORPORATION SECURITIES.
American Bank Note Co., 86 Trinity Place, New York.
Forbes Lith. Mfg. Co., Boston, Mass.
International Bank Note Co., 18 Broadway, New York.
Wm. Mann Co., 529 Market St., Philadelphia, Pa.
New York Bank Note Co., 75 6th Av., New York.

C. LAW BLANKS.
Baker, Voorhis & Co., 66 Nassau St., New York.
Robert Clark Co., Cincinnati, O.
Little, Brown & Co., Boston, Mass.

D. MARRIAGE CERTIFICATES.
Taber-Prang Art Co., Springfield, Mass.

E. RAILWAY FOLDERS.
American Bank Note Co., 86 Trinity Place, New York.
International Bank Note Co., 18 Broadway, New York.
Rand-Avery Supply Co., Boston, Mass.
Rand, McNally & Co., Inc., 166 Adam St., Chicago, Ill.
Western Bank Note Eng. Co., 207 Madison St., Chicago. Ill.

F. RAILWAY TICKETS.
American Bank Note Co., 86 Trinity Place, New York.
Franklin-Lee Bank Note Co., 142 Broadway, New York.
International Bank Note Co., 18 Broadway, New York.
New York Bank Note Co., 75 6th Av., New York.
Rand-Avery Supply Co., Boston, Mass.
Rand, McNally & Co., Inc., 168 Adams St., Chicago, Ill.

G. SHOW CARDS.
American Bank Note Co., 86 Trinity Place, New York.
Brett Lithographing Co., 411 Pearl St., New York.
Gies & Co., Buffalo, N. Y.
International Bank Note Co., 18 Broadway, New York.
New York Bank Note Co., 75 6th Av., New York.
Nixon-Jones Printing Co., St. Louis, Mo.
Price Bros. & Co., 65 Duane St., New York.
Rand, McNally & Co., 168 Adams St., Chicago, Ill.
Michael F. Tobin, 299 Broadway, New York.
Wittemann Bros., 188 William St., New York.
Wolf & Co., 709 Vine St., Philadelphia, Pa.

H. THEATRICAL POSTERS.
Bufford's Sons Engr. & Lithographing, Boston, Mass.
A. M. Bustard Co., 159 William St., New York.
Forbes Lithograph Mfg. Co., Boston, Mass.
Richard K. Fox, 338 Pearl St., New York.
J. Ottmann Lithographing Co., 39 E. Houston St., N Y.
A. S. Seer Print, 242 W. 41st St., New York.
Wolf & Co., 709 Vine St., Philadelphia, Pa.

2815. COMMERCIAL STEEL ENGRAVING.
Edgell Co., 12th & Willow Sts., Philadelphia, Pa.

A. BANK NOTES.
American Bank Note Co., 86 Trinity Place, New York.
Homer-Lee Bank Note Co., 65 Duane St., New York.
International Bank Note Co., 18 Broadway, New York.
New York Bank Note Co., 75 6th Av., New York.
Western Bank Note & Engraving Co., Chicago, Ill.

B. BILLS OF EXCHANGE.
American Bank Note Co., 86 Trinity Place, New York.
Franklin-Lee Bank Note Co., 142 Broadway, New York.
Homer-Lee Bank Note Co., 65 Duane St., New York.
International Bank Note Co., 18 Broadway, New York.
John A. Lowell & Co., Boston, Mass.
New York Bank Note Co., 75 6th Av., New York.
Western Bank Note & Engraving Co., New York.

C. CORPORATION SECURITIES.
American Bank Note Co., 86 Trinity Place, New York.
Franklin-Lee Bank Note Co., 142 Broadway, New York.
Homer-Lee Bank Note Co., 65 Duane St., New York.
International Bank Note Co., 18 Broadway, New York.
New York Bank Note Co., 75 6th Av., New York.

	Western Bank Note & Engraving Co., Chicago, Ill.
D. LETTERS OF CREDIT.	American Bank Note Co., 86 Trinity Place, New York.
	Homer-Lee Bank Note Co., 65 Duane St., New York.
2816. COPPER ENGRAVINGS.	
	Geo. H. Benedict & Co., 175 Clark St., Chicago, Ill.
2817. COPYING PRESSES.	Belleville Pump & Skein Works, Belleville, Ill.
	Chicago Scale Co., 296 Jackson Boulevard, Chicago, Ill.
	Fairbanks Co., 311 Broadway, New York.
	R. Hoe & Co., 504 Grand St., New York.
	H. N. Hubbard, 18 Cliff St., New York.
	Illinois Iron & Bolt Co., Carpentersville, Ill.
	Phila. Novelty Mfg. Co., 13th & Noble Sts., Phila., Pa.
	Racine Malleable & Ironwrought Co., Racine, Wis.
	Thos. Shriver & Co., 333 E. 56th St., New York.
	E. S. Stiles Press Co., Watertown, N. Y.
	Sam'l C. Tatum Co., Cincinnati, O.
	Whitcomb Mfg. Co., Worcester, Mass.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
A. COPYING CLOTH PADS.	Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.
B. COPYING CLOTHS.	F. S. Webster Co., Boston, Mass.
C. COPYING CLOTH SHEETS.	Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.
D. COPYING SHEET BATHS.	Cameron, Amberg & Co., 71 Lake St., Chicago, Ill.
	Cincinnati Tool Co., Cincinnati, O.
	Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.
	B. B. Hill Mfg. Co., 1020 New Market St., Phila., Pa.
	Sam'l C. Tatum Co., Cincinnati, O.
E. COPYING SHEETS.	Bailey Mfg. Co., Hartford, Conn.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	B. B. Hill Mfg. Co., 1020 New Market St., Phila., Pa.
F. PORTABLE COPYING PRESSES.	Office Specialty Mfg. Co., Rochester, N. Y.
2818. CORK PAPERS.	Thompson & Norris Co., Prince & Concord Sts., B'klyn, N. Y.
2819. COUNTERFEIT COIN DETECTORS.	
	Abbott Machine Co., 84 Vanburen St., Chicago, Ill.
2820. CRAYON HOLDERS.	Munger & Son, East River, Conn.
2821. CRAYONS.	A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
	Levison & Blythe Mfg. Co., St. Louis, Mo.
	Munger & Son, East River, Conn.
	J. M. Olcott & Co., 84 Wabash Av., Chicago, Ill.
	Rickard & Hewitt, 104 John St., New York.
A. COLORED CRAYONS.	American Lead Pencil Co., 491 Broadway, New York.
	Jos. Dixon Crucible Co., Jersey City, N. J.
	Eagle Pencil Co., 377 Broadway, New York.
	Eberhard Faber, 545 Pearl St., New York.
	D. M. Steward Mfg. Co., Chattanooga, Tenn.
B. DUSTLESS CRAYONS.	National Crayon Co., 102 S. 12th St., Philadelphia, Pa.
	D. M. Steward Mfg. Co., Chattanooga, Tenn.
C. METAL WORKERS' CRAYONS.	S. Obermayer Co., Cincinnati, O.
	Rickard & Hewitt, 104 John St., New York.
D. SILICATE CRAYONS.	New York Silicate Book Slate Co., 68 Church St., New York.
E. TALC CRAYONS.	Rickard & Hewitt, 104 John St., New York.
F. WAX CRAYONS.	Will & Baumer, Syracuse, N. Y.
2822. CURRENCY HOLDERS.	
	Dennison Mfg. Co., Boston, Mass.
	Landers, Frary & Clark, New Britain, Conn.
2823. DIARIES.	Francis & Loutrel, 146 William St., New York.
	A. J. Wells Mfg. Co., Syracuse, N. Y.
2824. DICTIONARY HOLDERS.	
	Holloway Co., Cuyahoga Falls, O.
	Lambie Co., 8 Bible House, New York.
	Geo. F. Sargent Co., 289 4th Av., New York.
	E. C. Stearns & Co., Syracuse, N. Y.
	Stover Mfg. Co., Freeport, Ill.
2825. ENGINEERS' SECTION PROFILE PAPERS.	
	Keuffel & Esser Co., 127 Fulton St., New York.
	Queen & Co., 1010 Chestnut St., Philadelphia, Pa.
2826. ENGRAVED STATIONERY.	
	Dempsey & Carroll, Inc., 26 W. 23d St., New York.
	J. M. W. Jones Station. & Print. Co., 76 Sherman St., Chic., Ill.
	John A. Lowell & Co., Boston, Mass.
	Spencerian Pen Co., 450 Broome St., New York.
	Tiffany & Co., Inc., 15 Union Square, New York.
2827. ENVELOPE MOISTENERS.	
	Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.
	Specialty Mfg. Co., Cleveland, O.
2828. ENVELOPES.	Albion Paper Co., Holyoke, Mass.

	Barnum & Co., 120 William St., New York.
	Berlin & Jones Envelope Co., 132 William St., New York.
	Birnie Paper Co., Springfield, Mass.
	J. C. Blair Co., Huntingdon, Pa.
	W. C. Hamilton & Sons, Wm. Penn P. O., Mont. Co., Pa.
	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Geo. B. Hurd & Co., 425 Broome St., New York.
	P. P. Kellogg & Co., Springfield, Mass.
	Morgan Envelope Co., Springfield, Mass.
	Plimpton Mfg. Co., Hartford, Conn.
	Thomas W. Price Co., 503 Minor St., Philadelphia, Pa.
	Raynor & Martin Envelope Co., 115 William St., New York.
	Springfield Envelope Co., Springfield, Mass.
	Whitcomb Envelope Co., Worcester, Mass.
	White, Corbin & Co., Rockville, Conn.
	Whiting Paper Co., Holyoke, Mass.
	Worcester Envelope Co., Worcester, Mass.
A. CATALOGUE ENVELOPES.	Clasp Envelope Co., 268 W. Broadway, New York.
	Commercial Envelope Co., 97 6th Av., New York.
	Griffith, Axtel & Cady Co., Holyoke, Mass.
	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Howe Mfg. Co., Detroit, Mich.
	Worcester Envelope Co., Worcester, Mass.
B. CLASP ENVELOPES.	Clasp Envelope Co., 268 W. Broadway, New York.
	Worcester Envelope Co., Worcester, Mass.
C. COIN ENVELOPES.	W. H. Hill Envelope Co., Worcester, Mass.
	C. W. Lawrence, Saratoga Springs, N. Y.
	Springfield Envelope Co., Springfield, Mass.
	Whitcomb Envelope Co., Worcester, Mass.
	Worcester Envelope Co., Worcester, Mass.
D. DOCUMENT ENVELOPES.	Barnum & Co., 120 William St., New York.
	John F. Diemer, 67 Cortlandt St., New York.
	Globe Co., Cincinnati, O.
	W. H. Hill Envelope Co., Worcester, Mass.
	Plimpton Mfg. Co., Hartford, Conn.
E. DRUG ENVELOPES.	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Springfield Envelope Co., Springfield, Mass.
	Whitcomb Envelope Co., Worcester, Mass.
F. EMBOSSED ENVELOPES.	Gillam's Sons Co., 143 N. 7th St., Philadelphia, Pa.
	Wolf & Co., 709 Vine St., Philadelphia, Pa.
G. EXPANDING ENVELOPES.	John F. Diemer, 67 Cortlandt St., New York.
H. EXPRESS ENVELOPES.	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Springfield Envelope Co., Springfield, Mass.
I. GLOVE ENVELOPES.	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Springfield Envelope Co., Springfield, Mass.
	Whitcomb Envelope Co., Worcester, Mass.
	Worcester Envelope Co., Worcester, Mass.
J. HAND SEALED ENVELOPES.	Dennison Mfg. Co., Boston, Mass.
	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
K. MANILLA ENVELOPES.	Holyoke Envelope Co., Holyoke, Mass.
	Whitcomb Envelope Co., Worcester, Mass.
L. METAL ENVELOPES.	Weaver Mailing Envelope & Box Co., 315 Race St., Phila., Pa.
M. MOURNING ENVELOPES.	Barnum & Co., 120 William St., New York.
	Geo. B. Hurd & Co., 425 Broome St., New York.
	Morgan Envelope Co., Springfield, Mass.
	Raynor & Martin Envelope Co., 115 William St., New York.
	Saugerties Mfg. Co., Saugerties, N. Y.
	Weaver Mailing Env. & Box Co., 315 Race St., Phila., Pa.
N. NOVELTY ENVELOPES.	Holyoke Envelope Co., Holyoke, Mass.
	Morgan Envelope Co., Springfield, Mass.
O. PAY ENVELOPES.	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Howe Mfg. Co., Detroit, Mich.
	Whitcomb Envelope Co., Worcester, Mass.
P. PHOTOGRAPH ENVELOPES.	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Thos. H. McCollin & Co., 1030 Arch St., Philadelphia, Pa.
	Springfield Envelope Co., Springfield, Mass.
	Whitcomb Envelope Co., Worcester, Mass.
Q. PRINTED ENVELOPES.	Holyoke Envelope Co., Holyoke, Mass.

	Springfield Envelope Co., Springfield, Mass.
R. REVERSIBLE ENVELOPES.	John F. Diemer, 67 Cortlandt St., New York.
S. SAFETY PAPER ENVELOPES.	Kingsland Paper Mills, 150 Nassau St., New York.
T. SAMPLE ENVELOPES.	Baker & Vawter Co., 1102 Marianna St., Chicago, Ill.
	Clasp Envelope Co., 268 W. Broadway, New York.
	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Howe Mfg. Co., Detroit, Mich.
	Weaver Mailing Env. & Box Co., 315 Race St., Phila., Pa.
U. SPECIAL ENVELOPES.	Geo. S. Vibbert & Co., Clintonville, Conn.
V. TAG ENVELOPES.	American Mfg. Co., Battle Creek, Mich.
	Dennison Mfg. Co., Boston, Mass.
	Joseph T. Dunham & Co., 59 John St., New York.
	W. H. Hill Envelope Co., Worcester, Mass.
	Howe Mfg. Co., Detroit, Mich.
	Sackett Wired Tag Co., Garden Prairie, Ill.
W. TIE ENVELOPES.	E. C. Bridgman, 84 Warren St., New York.
	W. H. Hill Envelope Co., Worcester, Mass.
X. TOOTH BRUSH ENVELOPES.	W. H. Hill Envelope Co., Worcester, Mass.
	Holyoke Envelope Co., Holyoke, Mass.
	Whitcomb Envelope Co., Worcester, Mass.
2829. ERASERS.	
A. BLACKBOARD ERASERS.	Grand Rapids School Furniture Co., Grand Rapids, Mich.
	Munger & Son, East River, Conn.
	J. M. Olcott & Co., 84 Wabash Av., Chicago, Ill.
B. CHAMOIS ERASERS.	N. Y. Silicate Book Slate Co., 68 Church St., New York.
C. DUSTLESS ERASERS.	A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
D. SLATE ERASERS.	Munger & Son, East River, Conn.
	J. M. Olcott & Co., 84 Wabash Av., Chicago, Ill.
E. STEEL ERASERS.	Eberhard Faber, 545 Pearl St., New York.
	Michigan Cutlery Co., Buchanan, Mich.
	Miller Bros. Cutlery Co., Meriden, Conn.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
2830. FASTENERS, STATIONERS'.	
A. CARD FASTENERS.	Dennison Mfg. Co., Boston, Mass.
	Spencerian Pen Co., 450 Broome St., New York.
B. PAPER FASTENERS.	Dennison Mfg. Co., Boston, Mass.
	Holmes, Booth & Haydens, Inc., Waterbury, Conn.
	B. Lawrence Stationery Co., 41 John St., New York.
	Philadelphia Novelty Mfg. Co., 13th & Noble Sts., Phila., Pa.
2831. FILES, STATIONERS'.	
A. BILL & LETTER FILES.	Amberg File & Index Co., 71 Lake St., Chicago, Ill.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Milton Bradley Co., Springfield, Mass.
	A. B. Dick Co., 152 Lake St., Chicago, Ill.
	Globe Co., Cincinnati, O.
	Koch, Sons & Co., 541 Pearl St., New York.
	Office & Library Co., 102 Fulton St., New York.
	M. Ohmer's Sons Co., Dayton, O.
	Piqua Copying Machine Co., Piqua, O.
	Reynolds & Reynolds Co., Dayton, O.
	Asa L. Shipman, 12 Warren St., New York.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
	J. J. Warren Co., Worcester, Mass.
	W. H. Woglom, 239 Greenwich St., New York.
B. NEWSPAPER FILES.	J. H. Atwater, Providence, R. I.
	Milton Bradley Co., Springfield, Mass.
	Globe Co., Cincinnati, O.
	Hamilton Mfg. Co., Two Rivers, Mich.
	Asa L. Shipman, 12 Warren St., New York.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
C. STUB FILES.	Heller & Bros., Newark, N. J.
	Koch, Sons & Co., 541 Pearl St., New York.
	Asa L. Shipman, 12 Warren St., New York.
2832. GLOBES, SCHOOL.	A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
	O. D. Case Co., Hartford, Conn.
	W. A. Choate & Co., Albany, N. Y.
	Grand Rapids School Furniture Co., Grand Rapids, Mich.
A. CELESTIAL GLOBES.	Herman Schedler, 27 New Chambers St., New York.
B. RELIEF GLOBES.	Grand Rapids School Furniture Co., Grand Rapids, Mich.
	Herman Schedler, 27 New Chambers St., New York.
2833. GOVERNMENT ENGRAVING & PRINTING.	
A. GOVERNMENT BONDS.	American Bank Note Co., 86 Trinity Place, New York.
	Homer-Lee Bank Note Co., 65 Duane St., New York.

B. GOVERNMENT DOCUMENTS.
American Bank Note Co., 86 Trinity Place, New York.
Homer-Lee Bank Note Co., 65 Duane St., New York.

C. PAPER CURRENCY.
American Bank Note Co., 86 Trinity Place, New York.
Homer-Lee Bank Note Co., 65 Duane St., New York.

D. POSTAGE STAMPS.
American Bank Note Co., 86 Trinity Place, New York.
Homer-Lee Bank Note Co., 65 Duane St., New York.

2834. GUMMED PAPER.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.

2835. HELIOTYPES.
Herman Behr & Co., 75 Beekman St., New York.
Heliotype Printing Co., Boston, Mass.

2836. INDEXES.

A. BOOK INDEXES.
Amberg File & Index Co., 71 Lake St., Chicago, Ill.
Burr Index Co., Hartford, Conn.
Richard E. Lusk & Son, 27 Park Place, New York.
National Index Co., Columbus, O.
Piqua Copying Machine Co., Piqua, O.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

B. CARD INDEXES.
Library Bureau, Boston, Mass. *26

C. INDEX TAGS.
Koch, Sons & Co., 541 Pearl St., New York.

2837. INDICATORS, DOOR.
Phila. Novelty Mfg. Co., N. 13th & Noble Sts., Phila., Pa.

2838. INK ERADICATORS.
Cutter-Tower Co., Boston, Mass.
Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.
Levison & Blythe Mfg. Co., St. Louis, Mo.

2839. INK FILLERS.
Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.

2840. INKS.
J. C. Blair Co., Huntingdon, Pa.
W. E. Bonney, South Hanover, Mass.
Carter's Ink Co., Boston, Mass.
Caw's Pen & Ink Co., 168 Broadway, New York.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Thaddeus Davids Co., 127 William St., New York.
Emery Davis, 41 Park Row, New York.
William A. Davis Co., Boston, Mass.
Handy Package Dye Co., Massena, N. Y.
Harrison Mfg. Co., Rahway, N. J.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Hull Mfg. Co., 99 Madison St., Chicago, Ill.
Levison & Blythe Mfg. Co., St. Louis, Mo.
Geo. A. Moss, 167 Reade St., New York.
Pomeroy Bros., Newark, N. J.
Sanford Mfg. Co., 219 Fulton St., Chicago, Ill.
S. S. Stafford, 605 Washington St., New York.
Spencerian Pen Co., 450 Broome St., New York.
L. H. Thomas Co., 227 Fulton St., Chicago, Ill.
John Underwood & Co., 30 Vesey St., New York.

A. CARMINE INK.
Carter's Ink Co., Boston, Mass.
Caw's Pen & Ink Co., 168 Broadway, New York.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Thaddeus Davids Co., 127 William St., New York.
William A. Davis Co., Boston, Mass.
Haley Ink Co., 198 Elm St., New York.
Hull Mfg. Co., 99 Madison St., Chicago, Ill.
Pomeroy Bros., Newark, N. J.
S. S. Stafford, 605 Washington St., New York.

B. COLORED INK.
Carter's Ink Co., Boston, Mass.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Thaddeus Davids Co., 127 William St., New York.
William A. Davis Co., Boston, Mass.
Haley Ink Co., 198 Elm St., New York.
Hover Ink Works, 500 N. 12th St., Philadelphia, Pa.
Pomeroy Bros., Newark, N. J.
S. S. Stafford, 605 Washington St., New York.

C. COPYING INK.
Carter's Ink Co., 172 Columbus Av., Boston, Mass.
Caw's Pen & Ink Co., 168 Broadway, New York.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Thaddeus Davids Co., 127 William St., New York.
William A. Davis Co., Boston, Mass.
Eberhard Faber, 545 Pearl St., New York.
Hover Ink Works, 500 N. 12th St., Philadelphia, Pa.
Levison & Blythe Mfg. Co., 401 N. 2d St., St. Louis, Mo.
Pomeroy Bros., Newark, N. J.
S. S. Stafford, 605 Washington St., New York.
John Underwood & Co., 30 Vesey St., New York.
F. S. Webster Co., 246 Congress St., Boston, Mass.

D. DRAWING INK.
C. M. Higgins & Co., 168 8th St., Brooklyn, N. Y.
S. S. Stafford, 605 Washington St., New York.

E. INDELIBLE INK.
Carter's Ink Co., 172 Columbus Av., Boston, Mass.
Thaddeus Davids Co., 127 William St., New York.

	Pomeroy Bros., Newark, N. J.
	Sanford Mfg. Co., 219 Fulton St., Chicago, Ill.
	Nelson Stafford, 66 Fulton St., New York.
	S. S. Stafford, 605 Washington St., New York.
	A. L. Williston, Northampton, Mass.
F. INDELIBLE INK, STENCIL.	Geo. Carragan, 35 Beekman St., New York.
G. MARKING INK.	Binney & Smith, 257 Pearl St., New York.
	Geo. Carragan, 35 Beekman St., New York.
	Carter's Ink Co., 172 Columbus Av., Boston, Mass.
	Thaddeus Davids Co., 127 William St., New York.
	William A. Davis Co., Boston, Mass.
	Hover Ink Works, 500 N. 12th St., Philadelphia, Pa.
	New York Stencil Works, 100 Nassau St., New York.
H. PAGING INK.	The W. O. Hickok Mfg. Co., Harrisburg, Pa.
I. RUBBER STAMP INK.	Carter's Ink Co., 172 Columbus Av., Boston, Mass.
	Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
	Detroit Rubber Stamp Co., Detroit, Mich.
	New York Stencil Works, 100 Nassau St., New York.
	R. H. Smith Mfg. Co., Springfield, Mass.
	S. S. Stafford, 605 Washington St., New York.
	F. S. Webster Co., 246 Congress St., Boston, Mass.
J. RULING INK.	The W. O. Hickok Mfg. Co., Harrisburg, Pa.
K. SAFETY INK.	Carter's Ink Co., 172 Columbus Av., Boston, Mass.
	Caw's Pen & Ink Co., 168 Broadway, New York.
	Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
	William A. Davis Co., Boston, Mass.
	Haley Ink Co., 198 Elm St., New York.
	J. & I. E. Moore, Warren, Mass.
	A. N. Ritz, Milwaukee, Wis.
	S. S. Stafford, 605 Washington St., New York.
	L. H. Thomas Co., 227 Fulton St., Chicago, Ill.
	John Underwood & Co., 30 Vesey St., New York.
L. STYLOGRAPHIC INK.	W. E. Bonney, South Hanover, Mass.
	Carter's Ink Co., 172 Columbus Av., Boston, Mass.
	William A. Davis Co., Boston, Mass.
	William Mann Co., 529 Market St., Philadelphia, Pa.
	J. & I. E. Moore, Warren, Mass.
	S. S. Stafford, 605 Washington St., New York.
2841. INKSTANDS.	Anchor Silver Plate Co., Oswego, N. Y.
	Emery Davis, 41 Park Row, New York.
	Hull Mfg. Co., 99 Madison St., Chicago, Ill.
	H. L. Judd & Co., 87 Chambers St., New York.
	Mount Washington Glass Co., New Bedford, Mass.
	Nicol & Co., 57 W. Washington St., Chicago, Ill.
	Sam'l Tatum Co., Water & John Sts., Cincinnati, O.
A. ALUMINUM INKSTANDS.	Pratt Mfg. Co., 167 Wooster St., New York.
B. AUTOMATIC INKSTANDS.	Carter's Ink Co., 172 Columbus Av., Boston, Mass.
	Hull Mfg. Co., 99 Madison St., Chicago, Ill.
	Westcott-Jewell Co., Seneca Falls, N. Y.
C. BRASS INKSTANDS.	The Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Gould-Mersereau Co., 259 Canal St., New York.
	H. L. Judd & Co., 87 Chambers St., New York.
	Peck, Stow & Wilcox Co., Southington, Conn.
D. CALL BELL INKSTANDS.	Gould-Mersereau Co., 259 Canal St., New York.
E. GLASS INKSTANDS.	Fostoria Glass Co., Moundsville, W. Va.
	Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
	Rochester Tumbler Co., Pittsburg, Pa.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
F. IRON INKSTANDS.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	Meriden Malleable Iron Co., Meriden, Conn.
	Peck, Stow & Wilcox Co., Southington, Conn.
G. PLATED INKSTANDS.	Meriden Britannia Co., Meriden, Conn.
H. PNEUMATIC INKSTANDS.	Hull Mfg. Co., 99 Madison St., Chicago, Ill.
I. POCKET INKSTANDS.	Akron Rubber Works, Akron, O.
	Cutter-Tower Co., Boston, Mass.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Riley-Klotz Mfg. Co., Newark, N. J.
J. SCHOOL DESK INKSTANDS.	Cutter-Tower Co., Boston, Mass.
	Jas. L. Haven Co., Cincinnati, O.
	Sherwood Co., Lincoln & 14th Sts., Chicago, Ill.
	Sam'l C. Tatum Co., Cincinnati, O.
K. TILE INKSTANDS.	Low Art Tile Co., Chelsea, Mass.
2842. INK VENTS.	Cutter-Tower Co., 12 A Milk St., Boston, Mass.
2843. KEY RINGS.	Billings & Spencer Co., Hartford, Conn.
	L. M. Devore & Co., Freeport, Ill.

New England Novelty Mfg. Co., Boston, Mass.
Smith & Egge Mfg. Co., Bridgeport, Conn.
L. T. Snow, New Haven, Conn.
A. T. Wall & Co., Providence, R. I.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

2844. KINDERGARTEN MATERIALS.
Milton Bradley Co., Springfield, Mass.
Thomas Charles Co., 195 Wabash Av., Chicago, Ill.
J. W. Schermerhorn & Co., 3 E. 14th St., New York.

A. KINDERGARTEN BOOKS.
Milton Bradley Co., Springfield, Mass.
McLoughlin Bros., 890 Broadway, New York.

2845. LABELS.
Chas. Beck Paper Co., Ltd., 609 Chestnut St., Phila., Pa.
Dennison Mfg. Co., Boston, Mass.
Forbes Lith. Mfg. Co., Boston, Mass.
Harris & Co., Salem, O.
Hofstetter Bros., 508 Cherry St., Philadelphia, Pa.
Ketterlinus Lithographic Mfg. Co., 4th & Arch Sts., Phila., Pa.
Price Bros. & Co., 65 Duane St., New York.
Thomas J. Walton, Salem, O.
Witteman Bros., 188 William St., New York.

A. BOTTLE LABELS.
Dennison Mfg. Co., Boston, Mass.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
Witteman Bros., 188 William St., New York.

B. DRUG LABELS.
Cussons, May & Co., Glen Allen, Va.
Gillam's Sons Co., 143 N. 7th St., Philadelphia, Pa.
Harris & Co., Salem, O.

C. GUMMED LABELS.
Dennison Mfg. Co., Boston, Mass.
Harris & Co., Salem, O.
H. Albert Pershing, South Bend, Ind.

2846. LADIES' STATIONERY.
Z. & W. M. Crane, Dalton, Mass.

2847. LETTER BOXES.
Bates Bros. Co., Athol, Mass.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
W. R. Ostrander & Co., 22 Dey St., New York.
Sam'l C. Tatum Co., Cincinnati, O.

2848. LETTER OPENERS.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Celluloid Co., Newark, N. J.
Meriden Britannia Co., Meriden, Conn.
Chas. F. Stokes & Sons, Inc., 56 5th Av., Chicago, Ill.
Tiley, Pratt & Co., Essex, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

2849. LETTER SCALES & BALANCES.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buffalo Scale Co., Buffalo, N. Y.
Cutter-Tower Co., Boston, Mass.
Fairbanks Co., 311 Broadway, New York.
Howe Scale Co., 341 Broadway, New York.
Charles Kaestner & Co., 245 S. Jefferson St., Chicago, Ill.
Herman Kohlbusch, 59 Nassau St., New York.
Landers, Frary & Clark, New Britain, Conn.
Pelouze Scale & Mfg. Co., 133 S. Clinton St., Chicago, Ill.

2850. LIBRARY SUPPLIES.
Amberg File & Index Co., 71 Lake St., Chicago, Ill.
Globe Co., Cincinnati, O.
Library Bureau, Boston, Mass. *26
Yawman & Erbe Mfg. Co., Rochester, N. Y.

2851. LITHOGRAPHS.
Forbes Lith. Mfg. Co., Boston, Mass.
Heliotype Printing Co., Boston, Mass.
Hofstetter Bros., 508 Cherry St., Philadelphia, Pa.
J. Ottman Lithographing Co., 39 E. Houston St., New York.
Taber-Prang Art Co., Springfield, Mass.
Witteman Bros., 188 William St., New York.
Wolf & Co., 709 Vine St., Philadelphia, Pa.

A. CHROMOS.
Taber-Prang Art Co., Springfield, Mass.
Michael F. Tobin, 299 Broadway, New York.

2852. MAGIC KNIVES.
Eagle Pencil Co., 377 Broadway, New York.

2853. MAILING BOARD.
Thompson & Norris Co., Prince & Concord Sts., B'klyn, N.Y.

2854. MAILING CASES.
Bascarman Mfg. Co., Malden, Mass.
Dennison Mfg. Co., Boston, Mass.
Drake, Smith & Co., Bristol, Vt.
E. B. Estes & Sons, 45 John St., New York.
Maynard-Gough Co., Worcester, Mass.
F. H. Melville, 57 N. Moore St., New York.
United States Mailing Case Co., Boston, Mass.
Weaver Mailing Env. & Box Co., 315 Race St., Phila., Pa.

2855. MAILING TUBES.
Jas. Brown, Jr., Manayunk, Philadelphia, Pa.

A. G. Elliot & Co., 30 S. 6th St., Philadelphia, Pa.
T. P. Ford, 54 John St., New York.
Haworth & Watson, Lowell, Mass.
Wm. J. McCausland, 227 Church St., Philadelphia, Pa.
E. P. Noll & Co., 9 N. 6th St., Philadelphia, Pa.
W. C. Ritchie & Co., 203 S. Green St., Chicago, Ill.
R. F. Ware, 104 Park Row, New York.

A. MAILING TUBES, WOODEN. United States Mailing Case Co., Boston, Mass.

2856. MANIFOLD COPYING APPARATUS.
A. B. Dick Co., 152 Lake St., Chicago, Ill.
Hamilton Autographic Register Co., Hamilton, O.
Hektograph Mfg. Co., 42 Murray St., New York.
Lineograph Co., 30 Cortlandt St., New York.
Neostyle Co., 96 Church St., New York.
Sam'l C. Tatum Co., Cincinnati, O.

A. AUTOCOPYISTS. H. B. Ten Eyck, 66 Pine St., New York.
B. HEKTOGRAPHS. Hektograph Mfg. Co., 42 Murray St., New York.
C. MIMEOGRAPHS. A. B. Dick Co., 152 Lake St., Chicago, Ill.
W. P. Mason, Carthage, N. Y.
M. D. Rider & Co., 156 Lasalle St., Chicago, Ill.

2857. MANIFOLD ORDER BLANKS.
Hamilton Autographic Register Co., Hamilton, O.

2858. MANIFOLD SHIPPING BLANKS.
Baker & Vawter Co., 1102 Marianna St., Chicago, Ill.
Barlow Bros., Grand Rapids, Mich.
Hamilton Autographic Register Co., Hamilton, O.

2859. MAPS & CHARTS.

A. CHARTS.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
John Bliss & Co., 128 Front St., New York.
Milton Bradley Co., Springfield, Mass.
Colton, Ohman & Co., 15 Warren St., New York.
E. P. Noll & Co., 9 N. 6th St., Philadelphia, Pa.

B. MAP CASES.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Colton, Ohman & Co., 15 Warren St., New York.

C. MAPS.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Julius Bien & Co., 140 6th Av., New York.
E. C. Bridgman, 84 Warren St., New York.
A. D. Case & Co., Hartford, Conn.
Colton, Ohman & Co., 15 Warren St., New York.
Grand Rapids School Furniture Co., Grand Rapids, Mich.
Matthews-Northrup Co., Buffalo, N. Y.
E. P. Noll & Co., 9 N. 6th St., Philadelphia, Pa.
Rand-Avery Supply Co., Boston, Mass.
Rand, McNally & Co., Inc., 168 Adams St., Chicago, Ill.
Sanborn-Perris Map Co., Ltd., 115 Broadway, New York.
John L. Smith, 27 S. 6th St., Philadelphia, Pa.
Strobridge Lithographing Co., Cincinnati, O.

D. MAPS, DISSECTED. Milton Bradley Co., Springfield, Mass.
E. RAILWAY TRAIN CHARTS. Rand-Avery Supply Co., Boston, Mass.
F. RELIEF MAPS. Colton, Ohman & Co., 15 Warren St., New York.
Herman Schedler, 27 New Chambers St., New York.

2860. METAL BOOK MARKS.
John Robbins Mfg. Co., Boston, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

2861. METAL FILING BANDS.
Cutter-Tower Co., Boston, Mass.

2862. MOTTO PAPERS. F. M. Bower & Co., 165 Chambers St., New York.

2863. MOURNING PAPERS. Raynor & Martin Envelope Co., 115 William St., New York.

2864. MUCILAGE.
Arabol Mfg. Co., 13 Gold St., New York.
Carter's Ink Co., Boston, Mass.
Cincinnati Glue Co., Cincinnati, O.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Thaddeus Davids Co., 127 William St., New York.
William A. Davis Co., Boston, Mass.
Gloucester Isinglass & Glue Co., Gloucester, Mass.
Harrison Mfg. Co., Rahway, N. J.
Chas. M. Higgins & Co., 168 8th St., Brooklyn, N. Y.
Hull Mfg. Co., 99 Madison St., Chicago, Ill.
Wm. Mann Co., 529 Market St., Philadelphia, Pa.
Geo. A. Moss, 167 Reade St., New York.
Pomeroy Bros., Newark, N. J.
Russia Cement Co., Gloucester, Mass.
Sanford Mfg. Co., 219 Fulton St., Chicago, Ill.
S. S. Stafford, 605 Washington St., New York.
L. H. Thomas Co., 227 Fulton St., Chicago, Ill.
Whittemore Bros. & Co., Boston, Mass.

A. MUCILAGE DISTRIBUTERS. Arabol Mfg. Co., New York.
Carter's Ink Co., Boston, Mass.
Thaddeus Davids Co., 127 William St., New York.
S. S. Stafford, 603 Washington St., New York.

B. MUCILAGE STICKS. Koch, Sons & Co., 541 Pearl St., New York.

2865. MUSIC FOLIOS. Keating, Smyth & Shoemaker, 355 Wabash Av., Chicago, Ill.
Koch, Sons & Co., 541 Pearl St., New York.
John Mehl & Co., Jersey City, N. J.

2866. MUSIC PAPER. John Church Co., Cincinnati, O.
Oliver Ditson Co., Boston, Mass.
Wm. A. Pond & Co., 124 5th Av., New York.
G. Schirmer, 35 Union Square, New York.

2867. MUSIC ROLLS. Koch, Sons & Co., 541 Pearl St., New York.
Newark Decorative Leather Co., Newark, N. J.
M. M. Secor Trunk Co., Racine, Wis.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
J. J. Warren Co., Worcester, Mass.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.

2868. NEWSPAPER CLASPS.
American Pin Co., Waterbury, Conn.

2869. NEWSPAPER RACKS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

2870. NEWSPAPER WRAPPERS.
Springfield Envelope Co., Springfield, Mass.

2871. NUMERAL FRAMES. A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.

2872. OFFICE SPECIALTIES.
A. B. Dick Co., 152 Lake St., Chicago, Ill.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

2873. ORDER BLANKS. Baker-Vawter Co., 1102 Marianna St., Chicago, Ill.

2874. PADS. American Pad & Paper Co., Holyoke, Mass.
J. C. Blair & Co., Huntingdon, Pa.
Boorum & Pease Co., 103 Duane St., New York.
Fort Orange Pad Co., Castleton, N. Y.
Koch, Sons & Co., 541 Pearl St., New York.
New York Blank Book Co., 7 Laight St., New York.

A. CALENDAR PADS. Cussons, May & Co., Glen Allen, Va.

B. DESK BLOTTING PADS. American Pad & Paper Co., Holyoke, Mass.
Boorum & Pease Co., 103 Duane St., New York.
Cussons, May & Co., Glen Allen, Va.
Cutter-Tower Co., Boston, Mass.
William Mann Co., 529 Market St., Philadelphia, Pa.

2875. PAPER CUTTERS. Arlington Mfg. Co., 475 Broadway, New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Celluloid Co., Newark, N. J.
Louis Cohen, Providence, R. I.
Golding & Co., Boston, Mass.
H. L. Judd & Co., 87 Chambers St., New York.
New England Pearl Co., Providence, R. I.

A. ADVERTISING PAPER CUTTERS. Westcott Jewell Co., Seneca Falls, N. Y.

B. ROLL PAPER CUTTERS. American Roll Paper Co., St. Louis, Mo.
Hilts' Wrench & Mfg. Co., Richford, N. Y.
Knowlton & Beach, Rochester, N. Y.
F. O. Sawyer Paper Co., St. Louis, Mo.
W. R. Streeter & Co., Rochester, N. Y.

2876. PAPER NAPKINS. Cleveland Paper Co., Cleveland, O.
Crume & Sefton Mfg. Co., Dayton, O.
Dennison Mfg. Co., Boston, Mass.
Seaman Co., Boston, Mass.

2877. PAPER TWINE. Marietta Paper Mfg. Co., Marietta, Ga.
Union Selling Co., Distributors, 14 State St., New York.
Wortendyke Mfg. Co.; Richmond, Va.

2878. PAPER WEIGHTS. Arlington Mfg. Co., 475 Broadway, New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Enterprise Mfg. Co., Akron, O.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
H. L. Judd & Co., 87 Chambers St., New York.
Low Art Tile Co., Chelsea, Mass.
Meriden Britannia Co., Meriden, Conn.
Phila. Novelty Mfg. Co., N. 13th & Noble Sts., Phila., Pa.
Sam'l C. Tatum Co., Cincinnati, O.

2879. PAPETERIES. Berlin & Jones Envelope Co., 136 William St., New York.
Birnie Paper Co., Springfield, Mass.
J. C. Blair Co., Huntingdon, Pa.
J. & W. M. Crane, Dalton, Mass.
Philip Hake Mfg. Co., 621 Broadway, New York.
Holyoke Envelope Co., Holyoke, Mass.

Hurlbut Paper Mfg. Co., South Lee, Mass.
Morgan Envelope Co., Springfield, Mass.
National Papeterie Co., Springfield, Mass.
Raynor & Martin Envelope Co., 115 William St., New York.
Whiting Paper Co., Holyoke, Mass.

2880. PEN CASES.
Aiken, Lambert & Co., Inc., 19 Maiden Lane, New York.
A. F. Cross, Providence, R. I.
Leroy W. Fairchild & Co., 220 4th Av., New York.
John H. Holland Gold Pen Co., Cincinnati, O.
John H. Knapp, 23 John St., New York.
Mabie, Todd & Bard, 130 Fulton St., New York.
Edward Todd Co., 9 E. 16th St., New York.

2881. PENCIL CASES.
A. T. Cross, Providence, R. I.
Eberhard Faber, 545 Pearl St., New York.
Leroy W. Fairchild & Co., 220 4th Av., New York.
John Foley, Jr., 2 Astor House, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
E. S. Johnson & Co., 26 Maiden Lane, New York.
John H. Knapp, 23 John St., New York.
H. M. Smith & Co., 83 Nassau St., New York.

2882. PENCIL COMPASSES.
Eagle Pencil Co., 377 Broadway, New York.
Eberhard Faber, 545 Pearl St., New York.
Wm. Schollhorn, New Haven, Conn.

2883. PENCIL HOLDERS.
E. F. Angell & Co., 26 W. Randolph St., Chicago, Ill.
Cutter-Tower Co., Boston, Mass.
Eberhard Faber, 545 Pearl St., New York.
Munger & Son, East River, Conn.

2884. PENCIL LEADS.
Jos. Dixon Crucible Co., Jersey City, N. J.
Eagle Pencil Co., 377 Broadway, New York.
Eberhard Faber, 545 Pearl St., New York.

2885. PENCIL POINT PROTECTORS.
Jos. Dixon Crucible Co., Jersey City, N. J.
Eberhard Faber, 545 Pearl St., New York.

2886. PENCILS.
Mabie, Todd & Bard, 130 Fulton St., New York.
F. T. Pearce & Co., Providence, R. I.

A. AUTOMATIC PENCILS.
American Lead Pencil Co., 491 Broadway, New York.
Eagle Pencil Co., 377 Broadway, New York.
Eberhard Faber, 545 Pearl St., New York.
John Holland Gold Pen Co., Cincinnati, O.

B. COPYING INK PENCILS.
Eagle Pencil Co., 377 Broadway, New York.

C. GOLD PENCILS.
Aiken, Lambert & Co., 19 Maiden Lane, New York.
Leroy W. Fairchild & Co., 220 4th Av., New York.
John Foley, 187 Broadway, New York.
John Foley, Jr., 2 Astor House, New York.
E. S. Johnson & Co., 26 Maiden Lane, New York.

D. INDELIBLE PENCILS.
Clark's Indelible Pencil Co., Northampton, Mass.

E. LEAD PENCILS.
American Lead Co., 491 Broadway, New York.
Cutter-Tower Co., 12 A Milk St., Boston, Mass.
Jos. Dixon Crucible Co., Jersey City, N. J.
Eagle Pencil Co., 377 Broadway, New York.
Eberhard Faber, 545 Pearl St., New York.
Spencerian Pen Co., 450 Broome St., New York.

F. LUMBER PENCILS.
Jos. Dixon Crucible Co., Jersey City, N. J.
Eagle Pencil Co., 377 Broadway, New York.
Eberhard Faber, 545 Pearl St., New York.

G. NICKEL PENCILS.
American Lead Pencil Co., 491 Broadway, New York.

H. PLATED PENCILS.
E. S. Johnson & Co., 26 Maiden Lane, New York.

I. SILVER PENCILS.
E. S. Johnson & Co., 26 Maiden Lane, New York.

J. SLATE PENCILS.
Consolidated Lehigh Slate Co., 570 W. Broadway, New York.
Eagle Pencil Co., 377 Broadway, New York.
Munger & Son, East River, Conn.
D. M. Steward Mfg. Co., Chattanooga, Tenn.

2887. PENCIL SHARPENERS.
American Book Co., 100 Washington Square, New York.
American Lead Pencil Co., 491 Broadway, New York.
Henry Bainbridge & Co., 99 William St., New York.
Cutter & Tower Co., Boston, Mass.
A. B. Dick Co., 152 Lake St., Chicago, Ill.
Jos. Dixon Crucible Co., Jersey City, N. J.
Eberhard Faber, 545 Pearl St., New York.
Geo. Frost Co., Boston, Mass.
Goodell Co., Antrim, N. H.
Keuffel & Esser Co., 127 Fulton St., New York.
F. S. Webster Co., Boston, Mass.

A. SLATE PENCIL SHARPENERS.
Chalfant Mfg. Co., Lancaster, Pa.
Eberhard Faber, 545 Pearl St., New York.

2888. PEN HOLDERS.

American Lead Pencil Co., 491 Broadway, New York.
Clark's Indelible Pencil Co., Northampton, Mass.
Cutter-Tower Co., Boston, Mass.
Eagle Pencil Co., 377 Broadway, New York.
Esterbrook Steel Pen Mfg. Co., Camden, N. J.
Eberhard Faber, 545 Pearl St., New York.
William R. Hartigan, Collinsville, Conn.
F. T. Pearce & Co., Providence, R. I.
Spencerian Pen Co., 50 Broome St., New York.

A. CELLULOID PEN HOLDERS.
Arlington Mfg. Co., 475 Broadway, New York.
Celluloid Co., Newark, N. J.
Spencerian Pen Co., 450 Broome St., New York.

B. GOLD PEN HOLDERS.
Aiken, Lambert & Co., Inc., 19 Maiden Lane, New York.
Eberhard Faber, 545 Pearl St., New York.
Leroy W. Fairchild & Co., 189 Broadway, New York.
John Foley, 187 Broadway, New York.
John Foley, Jr., 2 Astor House, New York.
E. S. Johnson & Co., 26 Maiden Lane, New York.
Frank T. Pearce & Co., Providence, R. I.
Edward Todd Co., Inc., 9 E. 16th St., New York.

C. OBLIQUE PEN HOLDERS.
Spencerian Pen Co., 450 Broome St., New York.

D. PAPER PEN HOLDERS.
Carter's Ink Co., Boston, Mass.

E. PEARL PEN HOLDERS.
Louis Cohen, Providence, R. I.
New England Pearl Co., Providence, R. I.

F. PLATED PEN HOLDERS.
E. S. Johnson & Co., 26 Maiden Lane, New York.

G. RUBBER PEN HOLDERS.
Akron Rubber Works, Akron, O.
Cutter-Tower Co., Boston, Mass.
Davidson Rubber Co., Boston, Mass.
Eberhard Faber, 545 Pearl St., New York.
Goodrich Hard Rubber Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
India Rubber Comb Co., 9 Mercer St., New York.
Mechanical Rubber Co., 22 Murray St., New York.

H. SILVER PEN HOLDERS.
E. S. Johnson & Co., 26 Maiden Lane, New York.

I. SLIDE PEN HOLDERS.
Diamond Point Pen Co., 231 Broadway, New York.

2889. PEN MOISTENERS.
Eberhard Faber, 545 Pearl St., New York.

2890. PEN RACKS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Phila. Novelty Mfg. Co., N. 13th & Noble Sts., Phila., Pa.
Spencerian Pen Co., 450 Broome St., New York.
Sam'l C. Tatum Co., Cincinnati, O.

2891. PENS.

A. CROW QUILL PENS.
Esterbrook Steel Pen Mfg. Co., Camden, N. J.

B. FOUNTAIN PENS.
Burton Mfg. Co., Kingston, N. Y.
Caw's Pen & Ink Co., 168 Broadway, New York.
A. T. Cross, Providence, R. I.
Cross Pen Co., Boston, Mass.
Diamond Point Pen Co., 231 Broadway, New York.
Eagle Pencil Co., 377 Broadway, New York.
Eberhard Faber, 545 Pearl St., New York.
John Foley, Jr., 2 Astor House, New York.
Hull Mfg. Co., 99 Madison St., Chicago, Ill.
E. S. Johnson & Co., 26 Maiden Lane, New York.
Laughlin Mfg. Co., Detroit, Mich.
Mabie, Todd & Bard, 130 Fulton St., New York.
F. T. Pearce & Co., Providence, R. I.
Phila. Novelty Mfg. Co., N. 13th & Noble Sts., Phila., Pa.
J. Ullrich & Co., 27 Thames St., New York.
L. E. Waterman Co., 151 Broadway, New York.
Paul E. Wirt, Bloomsburg, Pa.

C. GLASS PENS.
Cutter-Tower Co., Boston, Mass.

D. GOLD PENS.
Aiken, Lambert & Co., Inc., 19 Maiden Lane, New York.
Armeny & Marion, 90 Nassau St., New York.
C. P. Barnes & Co., Louisville, Ky.
Caw's Pen & Ink Co., 168 Broadway, New York.
J. Crawford & Co., 10 John St., New York.
Diamond Point Pen Co., 231 Broadway, New York.
Eagle Pencil Co., 377 Broadway, New York.
Estate of J. Morton, 25 Maiden Lane, New York.
Leroy W. Fairchild & Co., 220 4th Av., New York.
Wm. S. Hicks' Sons, 235 Greenwich St., New York.
A. M. Hill, New Orleans, La.
John Holland Gold Pen Co., Cincinnati, O.
E. S. Johnson & Co., 26 Maiden Lane, New York.
Mabie, Todd & Bard, 130 Fulton St., New York.
F. T. Pearce & Co., Providence, R. I.

Edward Todd & Co., Inc., 9 E. 16th St., New York.

E. QUILL PENS.
Esterbrook Steel Pen Mfg. Co., Camden, N. J.

F. STEEL PENS.
A. S. Barnes & Co., 156 5th Av., New York.
Eagle Pencil Co., 377 Broadway, New York.
Esterbrook Steel Pen Mfg. Co., Camden, N. J.
Miller Bros. Cutlery Co., Meriden, Conn.
Spencerian Pen Co., 450 Broome St., New York.
Turner & Harrison, 1211 Spring Garden St., Phila., Pa.

G. STYLOGRAPHIC PENS.
Caw's Pen & Ink Co., 168 Broadway, New York.
A. T. Cross, Providence, R. I.
Cross Pen Co., Boston, Mass.
Diamond Point Pen Co., 231 Broadway, New York.
Eagle Pencil Co., 377 Broadway, New York.
John Foley, Jr., 2 Astor House, New York.
F. T. Pearce & Co., Providence, R. I.
Asa L. Shipman, 12 Warren St., New York.
J. Ullrich & Co., 27 Thames St., New York.

2892. PHOTO ENGRAVINGS.
Bevytype Co., 628 Chestnut St., Philadelphia, Pa.
Blomgren Bros. & Co., 175 Monroe St., Chicago, Ill.
Electro-Light Engraving Co., 409 Pearl St., New York.
Gies & Co., Buffalo, N. Y.
Moss Photo-Engraving Co., 275 Mulberry St., New York.
Photo-Electrotype Engraving Co., 236 William St., N. Y.
Photo-Engraving Co., 11 Murray St., New York.
F. A. Ringler Co., 21 Barclay St., New York. *12

2893. PHOTOGRAPHS.
Taber-Prang Art Co., Springfield, Mass.

A. LANDSCAPE PHOTOGRAPHS.
Jackson-Smith Photo Co., Denver, Col.

B. PHOTOGRAPH REPRODUCTIONS.
Soule Photograph Co., Boston, Mass.
Taber-Prang Art Co., Springfield, Mass.

C. PORTRAIT PHOTOGRAPHS.
William Kurtz, 6 E. 23d St., New York.
Notman Photographic Co., 3 Park St., Boston, Mass.
Pach Bros., 935 Broadway, New York.
Otto Sarony, 256 5th Av., New York.

2894. PHOTOGRAVURES.
Gies & Co., Buffalo, N. Y.
F. A. Ringler Co., 21 Barclay St., New York. *12
Taber-Prang Art Co., Springfield, Mass.

2895. PICTURE MATS.
W. W. Abbott, 182 Wabash Av., Chicago, Ill.
Mueller Bros., 178 Wabash Av., Chicago, Ill.

2896. PICTURES, RELIEF.
Charles Beck Paper Co., Ltd., 609 Chestnut St., Phila., Pa.

2897. PIN CUPS.
E. B. Estes & Sons, 45 John St., New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

2898. PORTFOLIOS.
Boorum & Pease Co., 103 Duane St., New York.
National Blank Book Co., Holyoke, Mass.
Taber-Prang Art Co., Springfield, Mass.

2899. POSTAGE STAMP BOXES.
Chas. J. Hauck & Son, 36 Stagg St., Brooklyn, N. Y.
Meriden Britannia Co., Meriden, Conn.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

2900. POSTAGE STAMP HOLDERS.
Phila. Novelty Mfg. Co., N. 13th & Noble Sts., Phila., Pa.

2901. POSTAGE STAMP MOISTENERS.
Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.

2902. POUNCE.
Thaddeus Davids Co., 127 William St., New York.
S. S. Stafford, 605 Washington St., New York.

2903. POUNCING PAPER.
Herman Behr & Co., 75 Beekman St., New York.

2904. PUBLICATIONS.

A. ARCHITECTURAL PUBLICATIONS.
Wm. T. Comstock, 23 Warren St., New York.

B. ART PUBLICATIONS.
D. Appleton & Co., 72 5th Av., New York.
Estes, Dana & Co., Boston, Mass.
Chas. Scribner's Sons, 155 5th Av., New York.
S. T. Taylor, New York.

C. ATLASES.
Colton, Ohman & Co., 15 Warren St., New York.
George F. Cram, 61 Plymouth Ct., Chicago, Ill.
Rand, McNally & Co., Inc., 166 Adams St., Chicago, Ill.

D. BELLES LETTRES.
D. Appleton & Co., 72 5th Av., New York.
Henry S. Coates & Co., 1222 Chestnut St., Philadelphia, Pa.
W. B. Conkey Co., 341 Dearborn St., Chicago, Ill.
Thomas Y. Crowell, Boston, Mass.
Geo. W. Dillingham, 119 W. 23d St., New York.
Dodd, Mead & Co., 149 5th Av., New York.
E. P. Dutton & Co., 31 W. 23d St., New York.
Estes, Dana & Co., 301 Washington St., Boston, Mass.
Fowler & Wells Co., 27 E. 21st St., New York.

Funk & Wagnalls, 30 Lafayette Place, New York.
Harper & Bros., Inc., 331 Pearl St., New York.
Henry Holt & Co., 29 W. 23d St., New York.
Houghton, Mifflin & Co., Boston, Mass.
Lee & Shepard, 10 Milk St., Boston, Mass.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
A. C. McClurg & Co., 117 Wabash Av., Chicago, Ill.
Payot, Upham & Co., San Francisco, Cal.
G. P. Putnam's Sons, Inc., 27 W. 23d St., New York.
Roberts Bros., 3 Somerset St., Boston, Mass.
Chas. Scribner's Sons, 155 5th Av., New York.

E. CHILDREN'S BOOKS.
Henry J. Coates & Co., 1222 Chestnut St., Philadelphia, Pa.
McLoughlin Bros., 890 Broadway, New York.

F. CYCLOPÆDIAS.
D. Appleton & Co., 72 5th Av., New York.
Dodd, Mead & Co., 149 5th Av., New York.
A. J. Johnson & Co., 72 5th Av., New York.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
Chas. Scribner's Sons, 153 5th Av., New York.
U. S. Industrial Publishing Co., 31 State St., New York.

G. DICTIONARIES.
D. Appleton & Co., 72 5th Av., New York.
Century Co., 33 E. 17th St., New York.
Harper & Bros., Inc., 331 Pearl St., New York.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
G. & C. Merriam Co., Springfield, Mass.

H. GAZETTERS.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.

I. HISTORICAL PUBLICATIONS.
Henry J. Coates & Co., 1220 Chestnut St., Philadelphia, Pa.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.

J. LEGAL PUBLICATIONS.
Baker, Voorhis & Co., 66 Nassau St., New York.
Banks & Bros., Albany, N. Y.
Robert Clarke Co., 31 E. 4th St., Cincinnati, O.
Houghton, Mifflin & Co., Boston, Mass.
Law Publishing Co., 92 Lasalle St., Chicago, Ill.
Little, Brown & Co., Boston, Mass.

K. MAGAZINES.
Century Co., 33 E. 17th St., New York.
Cosmopolitan Magazine, 41 Park Row, New York.
Forum Publishing Co., 111 5th Av., New York.
Harper & Bros., Inc., 331 Pearl St., New York.
Houghton, Mifflin & Co., Boston, Mass.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
Frank A. Munsey, 111 5th Av., New York.
North American Review Publishing Co., 291 5th Av., N. Y.
Outing Publishing Co., 239 5th Av., New York.
Chas. Scribner's Sons, 155 5th Av., New York.

L. MEDICAL PUBLICATIONS.
D. Appleton & Co., 72 5th Av., New York.
Boericke & Tafel, 145 Grand St., New York.
Harper & Bros., Inc., 331 Pearl St., New York.
Houghton, Mifflin & Co., Boston, Mass.
Lea Bros. & Co., 706 Sansom St., Philadelphia, Pa.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
Wm. Wood & Co., 43 E. 10th St., New York.

M. MUSICAL PUBLICATIONS.
John Church Co., 147 W. 4th St., Cincinnati, O.
C. H. Ditson & Co., Inc., 867 Broadway, New York.
John F. Ellis & Co., 937 Pennsylvania Av., Washington, D. C.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
Wm. A. Pond & Co., 124 5th Av., New York.
G. Schirmer, 35 Union Square, New York.

N. RELIGIOUS PUBLICATIONS.
American Baptist Pub. Soc., 1420 Chestnut St., Phila., Pa.
American Bible Society, 6 Bible House, New York.
American Tract Society, 10 E. 23d St., New York.
Benziger Bros., 36 Barclay St., New York.
Christian Press Asso'n Publishing Co., 54 Barclay St., N. Y.
D. H. McBride & Co., 320 Broadway, New York.
Methodist Book Concern, 150 5th Av., New York.
Frederick Pustel & Co., 52 Barclay St., New York.

O. SCHOOL PUBLICATIONS.
D. Appleton & Co., 72 5th Av., New York.
A. S. Barnes & Co., 156 5th Av., New York.
E. P. Dutton & Co., 31 W. 23d St., New York.
Ginn & Co., 7 Tremont Place, Boston, Mass.
Harper & Bros., Inc., 331 Pearl St., New York.
Henry Holt & Co., 29 W. 23d St., New York.
Houghton, Mifflin & Co., Boston, Mass.
J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
A. Lovell & Co., 70 5th Av., New York.
A. C. McClurg & Co., 117 Wabash Av., Chicago, Ill.
G. P. Putnam's Sons, Inc., 27 W. 23d St., New York.
Sheldon & Co., Inc., 43 E. 12th St., New York.

P. SCIENTIFIC PUBLICATIONS.	Harper & Bros., Inc., 331 Pearl St., New York.
	Norman W. Henley & Co., 132 Nassau St., New York.
	Lea Bros. & Co., 706 Sansom St., Philadelphia, Pa.
	J. B. Lippincott Co., 720 Filbert St., Philadelphia, Pa.
	Munn & Co., Inc., 361 Broadway, New York.
	Chas. Scribner's Sons, 155 5th Av., New York.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
	D. Van Nostrand Co., 23 Murray St., New York.
Q. SPORT PUBLICATIONS.	Outing Publishing Co., 239 5th Av., New York.
R. TECHNICAL PUBLICATIONS.	D. Appleton & Co., 72 5th Av., New York.
	Henry Carey Baird & Co., 810 Walnut St., Philadelphia, Pa.
	Geo. K. Hazlitt & Co., 375 Dearborn St., Chicago, Ill.
	Norman W. Henley & Co., 132 Nassau St., New York.
	Houghton, Mifflin & Co., Boston, Mass.
	Munn & Co., 361 Broadway, New York.
	N. Ponce De Leon, 40 Broadway, New York.
	Chas. Scribner's Sons, 155 5th Av., New York.
	Spon & Chamberlain, 12 Cortlandt St., New York.
	D. Van Nostrand Co., 23 Murray St., New York.

2905. PUBLICATIONS, COMMERCIAL.

	Bradstreet Co., 346 Broadway, New York.
	R. G. Dunn & Co., 290 Broadway, New York.
	International Mercantile Agency, 317 Broadway, New York.
	U. S. Industrial Publishing Co., 31 State St., New York.
A. CARPET & UPHOLSTERY.	Trades Publishing Co., 113 N. 12th St., Philadelphia, Pa.
B. DRUG PUBLICATIONS.	Oil, Paint & Drug Publishing Co., 100 William St., N. Y.
C. FURNITURE PUBLICATIONS.	Bureau of Furniture Statistics, 1435 Wabash Av., Chicago, Ill.
D. HARDWARE PUBLICATIONS.	John W. Ealy Co., 280 Broadway, New York.
E. HAT, CAP & FUR PUBLICATIONS.	Fur Trade Review, 695 Broadway, New York.
	Hat Review, 695 Broadway, New York.
F. IRON & STEEL PUBLICATIONS.	David Williams Co., 238 William St., New York.
G. JEWELRY PUBLICATIONS.	Jeweler's Mercantile Agency, Ltd., 54 Maiden Lane, N. Y.
H. LUMBER PUBLICATIONS.	W. B. Judson, 325 Dearborn St., Chicago, Ill.
I. SHIPPING PUBLICATIONS.	American Shipmasters' Association, 37 William St., N. Y.
J. SHOE & LEATHER PUBLICATIONS.	Shoe & Leather Reporter, 17 Spruce St., New York.
K. STATIONERS' & BOOKSELLERS' PUBLICATIONS.	Stationers' Board of Trade, 99 Nassau St., New York.
L. TEXTILE PUBLICATIONS.	Davison Publishing Co., 401 Broadway, New York.

2906. PYRAMID PINS. New England Pin Co., Winsted, Conn.

2907. RESTS, STATIONERS'.

A. ARM RESTS.	Globe Co., Cincinnati, O.
	Samuel Kirk & Son Co., Baltimore, Md.
	Westcott-Jewell Co., Seneca Falls, N. Y.
B. BOOK RESTS.	R. Lambie Co., 8 Bible House, New York.
	Sargent Mfg. Co., Muskegon, Mich.
	Stover Mfg. Co., Freeport, Ill.
	Westcott-Jewell Co., Seneca Falls, N. Y.

2908. RUBBER BANDS.

Akron Rubber Works, Akron, O.
Boston Belting Co., Boston, Mass.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Eberhard Faber, 545 Pearl St., New York.
B. F. Goodrich Co., Akron, O.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Mattson Rubber Co., 11 Broadway, New York.
Parker, Stearns & Sutton, 228 South St., New York.
Tyer Rubber Co., Andover, Mass.

2909. RUBBER ERASERS.

Akron Rubber Works, Akron, O.
American Lead Pencil Co., 491 Broadway, New York.
C. J. Bailey & Co., Boston, Mass.
Cutter-Tower Co., Boston, Mass.
Davidson Rubber Co., Boston, Mass.
Jos. Dixon Crucible Co., Jersey City, N. J.
Eagle Pencil Co., 377 Broadway, New York.
Eberhard Faber, 545 Pearl St., New York.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Monroe Eraser Mfg. Co., La Crosse, Wis.
Spencerian Pen Co., 450 Broome St., New York.

A. PENCIL TIPS. Parker, Stearns & Sutton, 228 South St., New York.

2910. RUBBER GOODS, STATIONERS'.
Akron Rubber Works, Akron, O.
American Hard Rubber Co., 9 Mercer St., New York.
Davol Rubber Co., Providence, R. I.
Eberhard Faber, 545 Pearl St., New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Mechanical Rubber Co., 22 Murray St., New York.
Parker, Stearns & Sutton, 228 South St., New York.

2911. RULERS, DESK.
Akron Rubber Works, Akron, O.
Belcher Bros. & Co., Irvington, N. J.
H. Chapin's Sons Co., Pine Meadow, Conn.
Eberhard Faber, 545 Pearl St., New York.
Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn.
Spencerian Pen Co., 450 Broome St., New York.
Stephens & Co., Riverton, Conn.
Westcott-Jewell Co., Seneca Falls, N. Y.

2912. SAMPLE PACKAGES.
Howe Mfg. Co., Detroit, Mich.

2913. SCHOOL SUPPLIES.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Milton Bradley Co., Springfield, Mass.
O. D. Case & Co., Hartford, Conn.
New York Stencil Works, 100 Nassau St., New York.
Sidney School Furniture Co., Sidney, O.
Arthur Stafford, 37 John St., New York.
Nelson Stafford, 66 Fulton St., New York.
Stewart & Co., 201 Broadway, New York.

2914. SEALING WAX.
W. H. Bowdlear & Co., Boston, Mass.
M. C. Browne, Holyoke, Mass.
Chamberlin & Johnson, Allegheny, Pa.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Thaddeus Davids Co., 127 William St., New York.
Dennison Mfg. Co., Boston, Mass.
England Bros., Zanesville, O.
Fairfield Chemical Works, 71 Wall St., New York.
Franklin Mfg. Co., Rochester, N. Y.
Harrison Mfg. Co., Rahway, N. J.
Marx & Rawolle, 163 William St., New York.
Pomeroy Bros., Newark, N. J.
Sanford Mfg. Co., 219 Fulton St., Chicago, Ill.
Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.
The Geo. Wood Co., 436 Atlantic Av., Boston, Mass.
W. Zinsser & Co., 197 William St., New York.

2915. SEAL PRESSES.
Barnard Stamp Co., St. Louis, Mo.
B. B. Hill Mfg. Co., 1020 New Market St., Philadelphia, Pa.
Geo. M. Ness, Jr., 61 Fulton St., New York.
Sigwalt Mfg. Co., 44 S. Jefferson St., Chicago, Ill.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Utica Drop Forge & Tool Co., Utica, N. Y.

2916. SEALS.
American Pin Co., Waterbury, Conn.
W. A. Bunting, 204 5th Av., Pittsburg, Pa.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Denver Novelty Work Mfg. Co., Denver, Col.
A. Lewis Edgarton, 199 Clark St., Chicago, Ill.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Geo. M. Ness, Jr., 61 Fulton St., New York.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16

A. NOTARIAL SEALS.
Thaddeus Davids Co., 127 William St., New York.
Dennison Mfg. Co., Boston, Mass.
A. Lewis Edgarton, 199 Clark St., Chicago, Ill.
Hoggson & Pettis Mfg. Co., New Haven, Conn.

2917. SLATES.

A. LOG SLATES.
Bower Slate & Pencil Quarry Co., 7 Thomas St., New York.

B. NOISELESS SLATES.
Thomas Kane & Co., 64 Wabash Av., Chicago, Ill.
New York Silicate Book Slate Co., 68 Church St., New York.

C. PAPER SLATES.
Munger & Son, East River, Conn.

D. SCHOOL SLATES.
Blue Valley Slate Co., Slatington, Pa.
Consolidated Lehigh Slate Co., 570 W. B'way, New York.
John Galt & Sons, 253 Broadway, New York.
John Gardner, Portland, Pa.
Hyatt School Slate Co., Bethlehem, Pa.
Wise Bros., Portland, Pa.

E. SILICATE BOOK SLATES.
New York Silicate Book Slate Co., 68 Church St., New York.

2918. SPONGE CUPS.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
H. L. Judd & Co., 87 Chambers St., New York.
Low Art Tile Co., Chelsea, Mass.
Sam'l C. Tatum Co., Cincinnati, O.

2919. SPRING BLOTTERS. Cutter-Tower Co., Boston, Mass.

2920. SPRING BOOK HOLDERS.
Baker-Vawter Co., 1102 Marianna St., Chicago, Ill.

2921. STAMPS.

A. DATING STAMPS.
American Railway Supply Co., 24 Park Place, New York.
Barnard Stamp Co., St. Louis, Mo.
B. B. Hill Mfg. Co., 1020 New Market St., Philadelphia, Pa.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Jacob S. Lang, Albany, N. Y.
Morgan, Crossman & Co., Springfield, Mass.
New York Stencil Works, 100 Nassau St., New York.
H. Albert Pershing, South Bend, Ind.
J. H. Power & Co., 64 High St., Boston, Mass.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Standard Time Stamp Co., 844 Washington St., New York.
Stewart & Co., 201 Broadway, New York.

B. HAND STAMPS.
Wm. T. Cressler, Cincinnati, O.
Wm. A. Force & Co., 59 Beekman St., New York.
W. O. Hickok Mfg. Co., Harrisburg, Pa.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Jacob S. Lang, Albany, N. Y.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Arthur Stafford, 37 John St., New York.
Stewart & Co., 201 Broadway, New York.

C. METAL BODIED RUBBER TYPE.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Stewart & Co., 201 Broadway, New York.

D. METAL STAMPS.
Schwaab Stamp & Seal Co., 272 E. Water St., Milwaukee, Wis.

E. NUMBERING STAMPS.
B. B. Hill Mfg. Co., 1020 New Market St., Philadelphia, Pa.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16

F. PENCIL STAMPS.
Jacob S. Lang, Albany, N. Y.
New York Stencil Works, 100 Nassau St., New York.
Smith & Egge Mfg. Co., Bridgeport, Conn.
R. H. Smith Mfg. Co., Springfield, Mass. *16

G. PERFORATING STAMPS.
B. B. Hill Mfg. Co., 1020 New Market St., Philadelphia, Pa.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16
R. Woodman Mfg. & Supply Co., Boston, Mass.

H. POCKET STAMPS.
Jacob S. Lang, Albany, N. Y.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16

I. POST OFFICE STAMPS.
E. J. Brooks & Co., 51 Dey St., New York.
Detroit Rubber Stamp Co., Detroit, Mich.
Jacob S. Lang, Albany, N. Y.
R. H. Smith Mfg. Co., Springfield, Mass. *16

J. RAILROAD STAMPS.
B. B. Hill Mfg. Co., 1020 New Market St., Philadelphia, Pa.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Jacob S. Lang, Albany, N. Y.
Michigan Printing & Stamp Co., Detroit, Mich.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16

K. RIBBON STAMPS.
Detroit Rubber Stamp Co., Detroit, Mich.
Jacob S. Lang, Albany, N. Y.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Stewart & Co., 201 Broadway, New York.
F. S. Webster & Co., 246 Congress St., Boston, Mass.
Chas. H. Wood & Co., 237 5th Av., Chicago, Ill.

L. RUBBER STAMP MOUNTS, AIR CUSHION.
R. H. Smith Mfg. Co., Springfield, Mass. *16

M. RUBBER STAMPS.
Barnard Stamp Co., St. Louis, Mo.
Boston Rubber Type Co., Boston, Mass.
W. A. Bunting & Son, Pittsburg, Pa.
Geo. Carragan, 35 Beekman St., New York.
Denver Novelty Work & Mfg. Co., Denver, Col.
Detroit Rubber Stamp Co., Detroit, Mich.
J. F. W. Dorman, Baltimore, Md.
C. H. Ellert, Evansville, Ind.
Everson & Reed, 241 Broadway, New York.
Wm. A. Force & Co., 59 Beekman St., New York.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Jacob S. Lang, Albany, N. Y.
Massman & Vollmer Co., Davenport, Iowa.
New York Stencil Works, 100 Nassau St., New York.
Schwaab Stamp & Seal Co., Milwaukee, Wis.

R. H. Smith Mfg. Co., Springfield, Mass. *16
Nelson Stafford, 66 Fulton St., New York.
Stewart & Co., 201 Broadway, New York.
R. D. Swisher Mfg. Co., 177 Madison St., Chicago, Ill.

N. SELF-INKING STAMPS.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
New York Stencil Works, 100 Nassau St., New York.
Smith & Egge Mfg. Co., Bridgeport, Conn.
R. H. Smith Mfg. Co., Springfield, Mass. *16

O. STAMP PADS.
Wm. A. Force & Co., 59 Beekman St., New York.
J. B. Laughton & Co., Westfield, Mass.
New York Stencil Works, 100 Nassau St., New York.
Pomeroy Bros., Newark, N. J.
H. L. Rice, Portville, N. Y.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Nelson Stafford, 66 Fulton St., New York.
W. B. & B. G. Vogel, 32 Vesey St., New York.
F. S. Webster Co., 246 Congress St., Boston, Mass.

P. STAMP RIBBONS.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16

Q. TIME STAMPS.
H. B. Smith Mfg. Co., Westfield, Mass.
Standard Time Stamp Co., 844 Washington St., New York.

2922. STATIONERS' BRASS GOODS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Cutter-Tower Co., Boston, Mass.
H. L. Judd & Co., 87 Chambers St., New York.

2923. STATIONERS' HARDWARE.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Peck, Stow & Wilcox Co., Southington, Conn.
Sam'l C. Tatum Co., Cincinnati, O.

2924. STATIONERS' NOVELTIES.
Buffalo Scale Co., Buffalo, N. Y.
Eagle Pencil Co., 377 Broadway, New York.
Geo. Eakins & Son, 930 Chestnut St., Philadelphia, Pa.
Eberhard Faber, 545 Pearl St., New York.
Globe Co., Cincinnati, O.
Low Art Tile Co., Chelsea, Mass.
Phila. Novelty Mfg. Co., 13th & Noble Sts., Philadelphia, Pa.
R. H. Smith Mfg. Co., Springfield, Mass. *16

2925. STATIONERS' SPECIALTIES.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Derby Silver Co., Derby, Conn.
Globe Co., Cincinnati, O.
Phila. Novelty Mfg. Co., N. 13th & Noble Sts., Phila., Pa.

2926. STATIONERS' SUPPLIES.
Acme Stationery & Paper Co., 309 Broadway, New York.
Barnum & Co., 120 William St., New York.
J. C. Blair Co., Huntington, Pa.
Boyd & Abbot Co., 23 Warren St., New York.
Cooke & Cobb Co., 147 Chambers St., New York.
Cutter-Tower Co., Boston, Mass.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Eberhard Faber, 545 Pearl St., New York.
George H. Friend Paper & Tablet Co., West Carrollton, O.
Globe Co., Cincinnati, O.
Philip Hake Mfg. Co., 621 Broadway, New York.
Koch, Sons & Co., 541 Pearl St., New York.
M. Ohmer's Sons Co., Dayton, O.
Plimpton Mfg. Co., Hartford, Conn.
Asa L. Shipman, 12 Warren St., New York.
Walker, Young & Co., Boston, Mass.

2927. STEEL ENGRAVINGS.
Geo. H. Benedict & Co., 175 Clark St., Chicago, Ill.
John A. Lowell & Co., Boston, Mass.
Wm. Pate & Co., 106 E. 23d St., New York.

2928. SUSPENSION RINGS.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.

2929. TAGS.
Steiner & Co., 167 Wooster St., New York.

A. BAG TAGS.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.

B. DUPLICATE COPYING TAGS.
American Mfg. Co., Detroit, Mich.

C. FIRE ALARM BOX TAGS.
American Railway Supply Co., 24 Park Place, New York.

D. HOOK TAGS.
Denney Envelope & Tag Co., 52 Michigan St., Chicago, Ill.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Philadelphia Tag Co., 727 Filbert St., Philadelphia, Pa.

E. KEG TAGS.
American Railway Supply Co., 24 Park Place, New York.

F. METAL TAGS.
Wheeling Hinge Co., Wheeling, W. Va.

G. SHIPPING TAGS.
American Mfg. Co., Battle Creek, Mich.

Baker-Vawter Co., 1102 Marianna St., Chicago, Ill.
Burr Index Co., Hartford, Conn.
Denney Envelope & Tag Co., 52 Michigan St., Chicago, Ill.
Dennison Mfg. Co., Boston, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
H. Albert Pershing, South Bend, Ind.
Sackett Wired Tag Co., Garden Prairie, Ill.
Salisbury Mfg. Co., Providence, R. I.
E. J. Spangler & Co., 507 Ludlow St., Philadelphia, Pa.
Tablet & Ticket Co., 381 Broadway, New York.

2930. TELLURIANS.
Andrew Mfg. Co., 74 5th Av., New York.
A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Herman Schedler, 27 New Chambers St., New York.

2931. THUMB TACKS.
American Book Co., 100 Washington Square, New York.
Eberhard Faber, 545 Pearl St., New York.
York Tack & Nail Works, York, Pa.

2932. TICKETS.

A. DUPLICATE COUPON TICKETS.
Cussons, May & Co., Glen Allen, Va.
Rand-Avery Supply Co., Boston, Mass.

B. PIN TICKETS.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Forbes Lith. Mfg. Co., Boston, Mass.
Salisbury Mfg. Co., Providence, R. I.
H. G. Thompson & Sons, New Haven, Conn.

C. PRICE TICKETS.
Dennison Mfg. Co., Boston, Mass.

2933. TYPEWRITER RIBBONS.
Henry Gerber Co., New York.
N. Y. Carbon & Transfer Paper Co., 107 Liberty St., N. Y.
John Underwood & Co., 30 Vesey St., New York.
F. S. Webster & Co., Boston, Mass.

2934. VALENTINES.
McLaughlin Bros., 890 Broadway, New York.
Taber-Prang Art Co., Springfield, Mass.
Geo. C. Whitney Co., Worcester, Mass.

2935. WAFERS.
Thaddeus Davids Co., 127 William St., New York.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Marx & Rawolle, 163 William St., New York.
W. Zinsser & Co., 197 William St., New York.

2936. WOOD ENGRAVINGS.
Geo. H. Benedict & Co., 175 Clark St., Chicago, Ill.
W. Hawtin & Co., 147 5th Av., Chicago, Ill.

2937. WRAPPERS, BOTTLE.
Northwestern Grass Twine Co., St. Paul, Minn.
Redlich Mfg. Co., 80 Hawthorne St., Chicago, Ill.
Thompson & Norris Co., Prince & Concord Sts., B'klyn, N. Y.

2938. WRAPPING PAPER PADS.
Randolph Paper Box Co., Richmond, Va.

2939. WRITING CASES.
Langfield Bros. & Co., 1001 Filbert St., Philadelphia, Pa.
L. Livingston & Co., 537 Broadway, New York.
C. F. Rumpp & Sons, s. w. c. N. 5th & Cherry Sts., Phila., Pa.

2940. WRITING TABLETS.
American Pad & Paper Co., Holyoke, Mass.
Birnie Paper Co., Springfield, Mass.
J. C. Blair Co., Huntingdon, Pa.
Boorum & Pease, 103 Duane St., New York.
Fort Orange Pad Co., Castleton, N. Y.
Holyoke Envelope Co., Holyoke, Mass.
Hurlbut Paper Mfg. Co., South Lee, Mass.
John Mehl & Co., Inc., Jersey City, N. J.
Morgan Envelope Co., Springfield, Mass.
Plimpton Mfg. Co., Hartford, Conn.
Reynolds & Reynolds Co., Dayton, O.
Samuel C. Tatum Co., Cincinnati, O.

2941. ZINC ETCHINGS.
Geo. H. Benedict & Co., 175 Clark St., Chicago, Ill.
Blomgren Bros. & Co., Inc., 175 Monroe St., Chicago, Ill.
Gill Engraving Co., 104 Chambers St., New York.
W. Hawtin & Co., 147 5th Av., Chicago, Ill.
F. A. Ringler Co., 21 Barclay St., New York. *12

XXXVII. SURGICAL APPLIANCES AND SUPPLIES.

2942. ABDOMINAL BELTS.
Empire Mfg. Co., Lockport, N. Y.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Wm. H. Horn & Bros., 453 N. 3d St., Philadelphia, Pa.
James R. Kendrick, Germantown, Philadelphia, Pa.
D. W. Kolbe Co., 1339 Arch St., Philadelphia, Pa.
Fergus Perry, 5013 Wakefield St., Philadelphia, Pa.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.

2943. ABDOMINAL SUPPORTERS.
Common Sense Truss Co., 58 State St., Chicago, Ill.
Empire Mfg. Co., Lockport, N. Y.
Ferris Bros. Co., 341 Broadway, New York.
G. W. Flavell & Bro., 1005 Spring Garden St., Phila., Pa.
George Frost & Co., 31 Bedford St., Boston, Mass.
Hastings & McIntosh Truss Co., 224 S. 9th St., Phila., Pa.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Wm. H. Horn & Co., 453 N. 3d St., Philadelphia, Pa.
James R. Kendrick, Germantown, Philadelphia, Pa.
Fergus Perry, 5013 Wakefield St., Philadelphia, Pa.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Pomeroy Co., 17 Union Square, New York.
John Reynolds & Co., 303 4th St., Philadelphia, Pa.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.
Taylor-Bramley Co., Chicopee Falls, Mass.
Werum Bros., Toledo, O.

2944. AMBULANCE COTS.
John F. McHugh, 1263 Broadway, New York.

2945. ARTIFICIAL EAR DRUMS.
Freeman Hiscox, 853 Broadway, New York.
H. A. Wales Co., 1414 Masonic Temple, Chicago, Ill.

2946. ARTIFICIAL EYES.
J. T. & A. H. Davis, 127 E. 15th St., New York.
E. S. & W. S. Fowler, 38 Madison St., Chicago, Ill.
Maria A. Gougelmann, 104 E. 12th St., New York.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
John Kannofsky, 369 Canal St., New York.

2947. ARTIFICIAL LIMBS.
Artificial Limb Mfg. Co., Pittsburg, Pa.
Cincinnati Artificial Limb Co., Cincinnati, O.
A. Condell, 854 Broadway, New York.
D. De Forest Douglass, Springfield, Mass.
Feick Bros., 506 Wood St., Pittsburg, Pa.
C. A. Frees, 853 Broadway, New York.
Geo. R. Fuller, Rochester, N. Y.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Daniel P. Kane, 205 N. 4th St., St. Louis, Mo.
D. W. Kolbe Co., 1339 Arch St., Philadelphia, Pa.
A. A. Marks, 701 Broadway, New York.
McDermott Surgical Ins. Co., Ltd., New Orleans, La.
Sharp & Smith, 73 Randolph St., Chicago, Ill.
Wm. T. Simpson, 14 Congress St., Detroit, Mich.
Triumph Artificial Limb Co., Columbus, O.
Chas. Truax, Greene Co., 75 Wabash Av., Chicago, Ill.
Winkley Artificial Limb Co., Minneapolis, Minn.

A. ARTIFICIAL LIMB SOCKS.
A. Condell, 854 Broadway, New York.
George R. Fuller, Rochester, N. Y.
A. A. Marks, 701 Broadway, New York.

B. ARTIFICIAL LIMBS, RUBBER.
Geo. R. Fuller, Rochester, N. Y.
A. A. Marks, 701 Broadway, New York.

2948. ARTIFICIAL NOSES.
A. Condell & Bro., 854 Broadway, New York.
D. W. Kolbe Co., 1339 Arch St., Philadelphia, Pa.

2949. ATOMIZERS, MEDICAL.
B. F. Goodrich Co., Akron, O.
Henry Weinhagen, 22 N. William St., New York.
S. H. Wetmore Co., 242 Pearl St., New York.

A. OINTMENT ATOMIZERS.
Leach & Greene, 165 Tremont St., Boston, Mass.

2950. BANDAGES, SURGICAL.
Akron Rubber Works, Akron, O.
Empire Mfg. Co., Lockport, N. Y.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
John Reynders, 303 4th Av., New York.

Seabury & Johnson, 59 Maiden Lane, New York.
Seamless Rubber Co., New Haven, Conn.
A. J. Wells Mfg. Co., Syracuse, N. Y.

A. ELASTIC BANDAGES.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Empire Mfg. Co., Lockport, N. Y.
B. F. Goodrich Co., Akron, O.
Wm. H. Horn & Bro., 451 N. 3d St., Philadelphia, Pa.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
Mattson Rubber Co., 11 Broadway, New York.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Traun Rubber Co., 335 Broadway, New York.
Tyer Rubber Co., Andover, Mass.

B. GUM BANDAGES.
Akron Rubber Co., Akron, O.
Parker, Stearns & Sutton, 228 South St., New York.

2951. BELTS.

A. ELASTIC BELTS.
Goodyear Rubber Co., 787 Broadway, New York.
Wm. H. Horn & Co., 453 N. 3d St., Philadelphia, Pa.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.
Tyer Rubber Co., Andover, Mass.

B. ELECTRIC BELTS.
Electric Appliance Co., Inc., Burlington, Kan.
Dr. Horne's Elec. Belt & Truss Co., 985 N. Clark, Chic., Ill.
Geo. A. Scott, 842 Broadway, New York.

2952. BREAST PUMPS.

Davidson Rubber Co., 19 Milk St., Boston, Mass.
Davol Rubber Co., Providence, R. I.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Mattson Rubber Co., 11 Broadway, New York.
Tyer Rubber Co., Andover, Mass.
Walter F. Ware, 512 Arch St., Philadelphia, Pa.

A. BREAST PUMP BULBS.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Parker, Stearns & Sutton, 228 South St., New York.

2953. CASES.

A. CAUSTIC CASES.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

B. MEDICAL BATTERY CASES.
Apel Mfg. Co., 23 Demond Place, Buffalo, N. Y.

C. MEDICINE CASES.
Fraser Tablet Triturate Mfg. Co., 262 5th Av., New York.
A. A. Gilbert, 116 S. 8th St., Philadelphia, Pa.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Henry Weinhagen, 22 N. William St., New York.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.

D. VETERINARY CASES.
Parke, Davis & Co., Detroit, Miich.

E. VIAL CASES.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.

2954. CHEMICAL THERMOMETERS.

John Barry, 62 Fulton St., New York.
Adolph Bayer & Son, 66 Beekman St., New York.
Haussmann & Dunn, 107 Clark St., Chicago, Ill.
Chas. J. Tagliabue, 51 Fulton St., New York.
Guiseppe Tagliabue, 302 Pearl St., New York.
Geo. Tiemann & Co., 107 Park Row, New York.
Henry Weinhagen, 22 N. William St., New York.
A. Weiskopf, 111 5th Av., Chicago, Ill.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

A. CLINICAL THERMOMETER CASES.
Haussmann & Dunn, 107 Clark St., Chicago, Ill.
Mechanical Rubber Co., 22 Murray St., New York.

2955. CHEST PROTECTORS.

American Buffalo Robe Co., Buffalo, N. Y.
Bauer & Black, 1245 State St., Chicago, Ill.

2956. CRUTCHES.

Codman & Shurtleff, 13 Tremont St., Boston, Mass.
C. A. Frees, 853 Broadway, New York.
George R. Fuller, Rochester, N. Y.
Hastings & McIntosh Truss Co., 224 S. 9th St., Phila., Pa.
Hersey Mfg. Co., South Boston, Mass.
Wm. H. Horn & Co., 453 N. 3d St., Philadelphia, Pa.
A. A. Marks, 701 Broadway, New York.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Pomeroy Co., 17 Union Square, New York.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.

A. CRUTCH FERRULES.
A. A. Marks, 701 Broadway, New York.

B. CRUTCH TIPS.
C. J. Bailey & Co., 22 Boylston St., Boston, Mass.
B. F. Goodrich Co., Akron, O.
A. A. Marks, 701 Broadway, New York.

2957. DEFORMITY APPLIANCES.

A. S. Aloe & Co., 415 N. Broadway, St. Louis, Mo.
Wm. H. Armstrong & Co., Indianapolis, Ind.
C. A. Frees, 853 Broadway, New York.

George R. Fuller, Rochester, N. Y.
A. M. Leslie's Surgical Instrument Co., St. Louis, Mo.
A. A. Marks, 701 Broadway, New York.
Sharp & Smith, 73 Randolph St., Chicago, Ill.
Wm. T. Simpson, 14 Congress St., Detroit, Mich.
Geo. Tiemann & Co., 107 Park Row, New York.

A. DEFORMITY APPLIANCE BUCKLES.
American Buckle Co., West Haven, Conn.
A. A. Marks, 701 Broadway, New York.

B. DEFORMITY APPLIANCE WEBBINGS.
Geo. S. Colton, Easthampton, Mass.
A. A. Marks, 701 Broadway, New York.

2958. DENTAL SUPPLIES.

Buffalo Dental Mfg. Co., Buffalo, N. Y.
Chicago Dental Mfg. Co., 90 State St., Chicago, Ill.
Consolidated Dental Mfg. Co., 115 W. 42d St., New York.
Davol Rubber Co., Providence, R. I.
Edison Phonograph Works, East Orange, N. J.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
H. D. Justi & Son, 1301 Arch St., Philadelphia, Pa.
Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

A. ARTIFICIAL TEETH.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
H. D. Justi & Sons, 1301 Arch St., Philadelphia, Pa.
Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

B. ASBESTOS DENTAL BLOCKS.
H. W. Johns Mfg. Co., 100 William St., New York.

C. DENTAL BRACKETS.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
C. H. Redman & Co., Newark, N. J.
Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.

D. DENTAL CEMENT.
Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.

E. DENTAL DAMS.
Davol Rubber Co., Providence, R. I.
Parker, Stearns & Sutton, 228 South St., New York.
Traun Rubber Co., 335 Broadway, New York.

F. DENTAL FILLINGS.
Bishop Gutta Percha Co., 422 E. 25th St., New York.
Eugene Doherty, 110 Kent Av., Brooklyn, N. Y.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
H. D. Justi & Sons, 1301 Arch St., Philadelphia, Pa.
S. S. White Dental Mfg. Co., Chestnut & S. 12th., Phila., Pa.

G. DENTAL GUM.
Combination Roll & Rubber Co., 38 Park Row, New York.
Davidson Rubber Co., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
I. B. Kleinert Rubber Co., 725 Broadway, New York.
Traun Rubber Co., 335 Broadway, New York.

H. DENTAL PLASTER.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
S. S. White Dental Mfg. Co., Chestnut & S. 12th., Phila., Pa.

I. DENTAL TUBING.
American Tubing Webbing Co., Providence, R. I.

J. DENTISTS' POLISHING POWDER.
F. B. Stevens, Detroit, Mich.

K. GOLD FOIL.
J. H. Ashmead & Son, Hartford, Conn.
J. J. Crooke Co., 186 Grand St., New York.
Hastings & Co., 821 Filbert St., Philadelphia, Pa.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
H. Nelms & Son, 48 N. 7th St., Philadelphia, Pa.
J. M. Ney & Co., Hartford, Conn.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

L. GOLD PLATE.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
J. M. Ney & Co., Hartford, Conn.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

M. NITROUS OXIDE GAS.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

2959. DENTAL TOOLS.

A. AUTOMATIC PLUGGERS.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Consolidated Dental Mfg. Co., 115 W. 42d St., New York.
Johnson & Lund, 620 Race St., Philadelphia, Pa.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

B. DENTAL CORD.
Canton Surgical & Dental Chair Co., Canton, O.

C. DENTAL ELECTRICAL APPARATUS.
Edison Phonograph Agency, 44 Broad St., New York.
Reading Elec. Mfg. Co., Reading, Pa.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

D. DENTAL ENGINES.
Canton Surgical & Dental Chair Co., Canton, O.
Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

E. DENTAL FLASKS.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Consolidated Dental Mfg. Co., 115 W. 42d St., New York.

UNIVERSITY

	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
F. DENTAL INSTRUMENTS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	Codman & Shurtleff, Boston, Mass.
	Consolidated Dental Mfg. Co., 115 W. 42d St., New York.
	Davis Dental Mfg. Co., Rochester, N. Y.
	F. W. Gesswein Co., 39 John St., New York.
	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	H. D. Justi & Sons, 1301 Arch St., Philadelphia, Pa.
	Penn. Dental & Mfg. Co., 1317 Sansom St., Philadelphia, Pa.
	Geo. P. Pilling & Son, 1229 Callowhill St., Philadelphia, Pa.
	John Reynders & Co., 303 4th Av., New York.
	Ritton Dental Mfg. Co., Rochester, N. Y.
	John Rowan Dental Mfg. Co., St. Louis, Mo.
	Sharp & Smith, 73 Randolph St., Chicago, Ill.
	Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.
	Geo. Tiemann & Co., 107 Park Row, New York.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
G. DENTAL LATHES.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	Consolidated Dental Mfg. Co., 115 W. 42d St., New York.
	Davis Dental Mfg. Co., Rochester, N. Y.
	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
H. DENTAL MIRRORS.	Consolidated Dental Mfg. Co., 115 W. 42d St., New York.
	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
I. DENTAL MOTORS.	A. Rosenberg Co., Baltimore, Md.
J. DENTAL PLATE BRUSHES.	Florence Mfg. Co., Florence, Mass.
K. DENTAL SNIPS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	Seymour Cutlery Co., Holyoke, Mass.
L. DENTAL SYRINGES.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	Consolidated Dental Mfg. Co., 115 W. 42d St., New York.
	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
M. DENTAL WHEEL BRUSHES.	Chas. D. Thum, 150 N. 3d St., Philadelphia, Pa.
N. DENTAL WHEELS & POINTS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	Carborundum Co., Niagara Falls, N. Y.
	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	Norton Emery Wheel Co., Worcester, Mass.
	Waltham Emery Wheel Co., Waltham, Mass.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
O. FOUNTAIN SPITTOONS.	Canton Surgical & Dental Chair Co., Canton, O.
P. NEEDLE FOIL CARRIERS.	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	Gideon Sibley, 1218 Filbert St., Philadelphia, Pa.
Q. NITROUS OXIDE GAS APPARATUS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
R. RUBBER DAM HOLDERS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
S. VETERINARY DENTAL FILES.	Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
T. VULCANIZED DENTAL GASOMETERS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
U. VULCANIZERS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
	Johnson & Lund, 620 Race St., Philadelphia, Pa.
	National Cement & Rubber Mfg. Co., Toledo, O.
	Samuel Smith & Son, Paterson, N. J.
	R. H. Smith Mfg. Co., Springfield, Mass. *16
	R. C. Wall Mfg. Co., 725 Arch St., Philadelphia, Pa.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

2960. DRESSINGS, ANTISEPTICS.

	Bauer & Black, 1245 State St., Chicago, Ill.
	Feick Bros., Pittsburg, Pa.
	Johnson & Johnson, Inc., New Brunswick, N. J.
	H. K. Mulford Co., 412 S. 13th St., Philadelphia, Pa.
	Seabury & Johnson, 59 Maiden Lane, New York.
A. ABSORBENT COTTON.	Bauer & Black, 1245 State St., Chicago, Ill.
	Frederick E. Clapp & Co., Dedham, Mass.
	Dennison Mfg. Co., Boston, Mass.
	Hance Bros. & White, 621 Callowhill St., Philadelphia, Pa.
	Johnson & Johnson, Inc., New Brunswick, N. J.
	Seabury & Johnson, 59 Maiden Lane, New York.
	Benj. F. Smith, Weymouth Centre, Mass.
	J. Wyeth & Bro., 1100 S. 11th St., Philadelphia, Pa.
B. ANTISEPTIC GAUZE.	Johnson & Johnson, Inc., New Brunswick, N. J.
	Phenique Chemical Co., St. Louis, Mo.

Seabury & Johnson, 59 Maiden Lane, New York.

C. ANTISEPTIC TUBES. Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Seabury & Johnson, 59 Maiden Lane, New York.

2961. EAR TRUMPETS. Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Leach & Greene, Boston, Mass.
H. A. Wales Co., 1414 Masonic Temple, Chicago, Ill.

A. ACOUSTIC CANES. Shepard & Dudley, 431 Broadway, Brooklyn, N. Y.

2962. ELASTIC HOSIERY. Wm. H. Armstrong & Co., Indianapolis, Ind.
Common Sense Truss Co., 58 State St., Chicago, Ill.
G. W. Flavell & Bro., 1005 Spring Garden St., Phila., Pa.
Goodyear Rubber Co., 787 Broadway, New York.
Hastings & McIntosh Truss Co., 224 S. 9th St., Phila., Pa.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Hub Gore Makers, Boston, Mass.
James R. Kendrick, Germantown, Philadelphia, Pa.
A. M. Leslie Surgical Instrument Co., St. Louis, Mo.
Fergus Perry, 5013 Wakefield St., Philadelphia, Pa.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Pomeroy Co., 17 Union Square, New York.
John Reynders & Co., 303 4th Av., New York.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.
Sharp & Smith, 73 Randolph St., Chicago, Ill.
Chas. Truax, Greene Co., 75 Wabash Av., Chicago, Ill.

A. KNEE CAPS & ANKLETS. Chas. Cooper, Bennington, Vt.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.

2963. ELECTRO-MEDICAL & SURGICAL APPLIANCES.
Chloride of Silver Dry Cell Battery Co., Baltimore, Md.
Otto Flemming & Co., 1009 Arch St., Philadelphia, Pa.
Reading Elec. Mfg. Co., Reading, Pa.
Seabury & Johnson, 59 Maiden Lane, New York.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

A. CAUTERY ECRASEURS & CANULAS. Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Seabury & Johnson, 59 Maiden Lane, New York.

B. CAUTERY ELECTRODES. C. F. Birtman & Co., 411 Randolph St., Chicago, Ill.

C. CAUTERY HANDLES & BURNERS. Seabury & Johnson, 59 Maiden Lane, New York.

D. MEDICAL ELECTRODES. Chloride of Silver Dry Cell Battery Co., Baltimore, Md.
Edison Phonograph Agency, 44 Broad St., New York.

E. NASAL CAUTERY INSTRUMENTS. McIntosh Battery & Optical Co., 521 Wabash Av., Chic., Ill.

2964. EMERGENCY BAGS. Wm. H. Armstrong & Co., Indianapolis, Ind.

2965. EXTENSIONS, SHORTENED LIMB.
C. A. Frees, 853 Broadway, New York.

2966. GALVANIC BEDS. Palmer Galvanic Bed Co., Ltd., 231 E. 9th St., New York.

2967. HOT-AIR APPARATUS FOR RHEUMATISM.
Chas. Lentz & Sons, 18 N. 11th St., Philadelphia, Pa.

2968. INHALERS, POCKET. Phila. Medical Glass Works, 120 Lawrence St., Phila., Pa.
W. H. Smith & Co., Buffalo, N. Y.
U. S. Mfg. Co., Fond du Lac, Wis.

2969. KIDNEY PROTECTORS.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.

2970. LARYNGOSCOPES, ELECTRIC.
S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.

2971. LUNG TESTING APPARATUS.
Arthur Mfg. Co., 65 Market St., Chicago, Ill.

2972. MAGNETIC GOODS.

A. MAGNETIC BANDS. Bostonian Electrical Belt Co., 1327 Masonic Temp., Chic., Ill.
Pratt Electro-Med. Appliance Co., 1102 Mas. Tem., Chic., Ill.

B. MAGNETIC INSOLES. Electric Appliance Co., Inc., Burlington, Kan.
German Elec. Belt & Appliance Co., 115 Lasalle St., Chic., Ill.
Geo. A. Scott, 842 Broadway, New York.

C. MAGNETIC PADS. Bostonian Elec. Belt Co., 1327 Masonic Temple., Chicago, Ill.
Thacher Magnetic Shield Co., 1401 Masonic Temp., Chic., Ill.

D. MAGNETIC VESTS. Pratt Electro-Med. Appliance Co., 1102 Mas. Tem., Chic., Ill.

2973. MEDICINE DROPPERS.
Akron Rubber Works, Akron, O.
Mattson Rubber Co., 11 Broadway, New York.
Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Tyer Rubber Co., Andover, Mass.
Walter E. Ware, 512 Arch St., Philadelphia, Pa.

2974. OPHTHALMOSCOPES. E. S. & W. S. Fowler, 38 Madison St., Chicago, Ill.
E. B. Meyrowitz, 104 E. 23d St., New York.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

A. OPHTHALMOSCOPIC TEST LENSES. Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

2975. ORTHOPAEDICAL APPLIANCES.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
D. W. Kolbe & Son, 1339 Arch St., Philadelphia, Pa.
McDermott Surgical Instrument Co., Ltd., New Orleans, La.
Shepard & Dudley, 431 Broadway, Brooklyn, N. Y.

2976. ORTHOPAEDICAL INSTRUMENTS.
Autenreith-Kampfmueller Mfg. Co., Cincinnati, O.
Codman & Shurtleff, Boston, Mass.
Ferick Bros., Pittsburg, Pa.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Pomeroy Co., 17 Union Square, New York.
John Reynders & Co., 303 4th Av., New York.

2977. PESSARIES.
Davol Rubber Co., Providence, R. I.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Miller Rubber Mfg. Co., Akron, O.
Tyer Rubber Co., Andover, Mass.
Walter F. Ware, 512 Arch St., Philadelphia, Pa.

A. RUBBER PESSARIES.
Akron Rubber Works, Akron, O.
Davidson Rubber Co., 19 Milk St., Boston, Mass.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
W. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Parker, Stearns & Sutton, 228 South St., New York.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.
Shepard & Dudley, 431 Broadway, Brooklyn, N. Y.
Tyer Rubber Co., Andover, Mass.

B. SPIRAL SPRING PESSARIES.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

2978. SHOULDER BRACES.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
W. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.

2979. SPINAL SUPPORTERS.
Pomeroy Co., 17 Union Square, New York.
Shepard & Dudley, 431 Broadway, Brooklyn, N. Y.
Werum Bros., Toledo, O.

2980. SPLINTS.
D. W. Kolbe & Son, 1339 Arch St., Philadelphia, Pa.
Seabury & Johnson, 59 Maiden Lane, New York.
Shepard & Dudley, 431 Broadway, Brooklyn, N. Y.

A. EXTENSION COLUMNS.
Hartford Woven Wire Mattress Co., Hartford, Conn.

2981. STETHOSCOPES.
John Reynders & Co., 303 4th Av., New York.
Shepard & Dudley, 431 Broadway, Brooklyn, N. Y.
Geo. Tiemann & Co., 107 Park Row, New York.

2982. STOMACH PUMPS.
White Mfg. Co., 158 Indiana St., Chicago, Ill.

2983. STRETCHERS.

A. HOSPITAL STRETCHERS.
Hartford Woven Wire Mattress Co., Hartford, Conn.
John F. McHugh, 226 W. 30th St., New York.
Sargent Mfg. Co., Muskegon, Mich.

B. REVOLVING STRETCHERS.
Granger Foundry & Machine Co., Providence, R. I.

2984. SURGICAL INSTRUMENTS.
A. S. Aloe & Co., 415 N. Broadway, St. Louis, Mo.
Wm. H. Armstrong & Co., Indianapolis, Ind.
Autenreith-Kampfmueller Mfg. Co., 71 W. 6th St., Cinn., O.
Codman & Shurtleff, 13 Tremont St., Boston, Mass.
Feick Brothers, 506 Wood St., Pittsburg, Pa.
J. H. Gemrig & Son, 109 S. 8th St., Philadelphia, Pa.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Leach & Greene, 165 Tremont St., Boston, Mass.
Chas. Lentz & Sons, 18 N. 11th St., Philadelphia, Pa.
A. M. Leslie Surg. Instru't Co., 915 Olive St., St. Louis, Mo.
E. B. Meyrowitz, 104 E. 23d St., New York.
Geo. P. Pilling & Son, 1229 Callowhill St., Philadelphia, Pa.
John Reynders & Co., 303 4th Av., New York.
Chas. E. Riker, 1208 Broadway, New York.
Sharp & Smith, 73 Randolph St., Chicago, Ill.
Jacob J. Teufel & Bro., 114 S. 10th St., Philadelphia, Pa.
Geo. Tiemann & Co., 107 Park Row, New York.
Chas. Truax, Greene & Co., 75 Wabash Av., Chicago, Ill.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.

2985. SURGICAL RUBBER GOODS.
Akron Rubber Works, Akron, O.
Davol Rubber Co., Providence, R. I.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
D. W. Kolbe & Son, 1339 Arch St., Philadelphia, Pa.
Mechanical Rubber Co., 22 Murray St., New York.
Parker, Stearns & Sutton, 228 South St., New York.

	John Reynders & Co., 303 4th Av., New York.
A. ABDOMINAL COILS.	Akron Rubber Co., Akron, O.
	Tyer Rubber Co., Andover, Mass.
B. CUPPING CUPS.	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Goodyear Rubber Co., 787 Broadway, New York.
	Tyer Rubber Co., Andover, Mass.
C. RUBBER CATHETERS.	Akron Rubber Works, Akron, O.
	B. F. Goodrich Co., Akron, O.
	Parker, Stearns & Sutton, 228 South St., New York.
	Tyer Rubber Co., Andover, Mass.
D. RUBBER DILATORS.	Akron Rubber Works, Akron, O.
E. RUBBER SPECULUMS.	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
F. STOMACH TUBES.	Wm. H. Armstrong & Co., Indianapolis, Ind.
	B. F. Goodrich Co., Akron, O.
	India Rubber Comb Co., 9 Mercer St., New York.
2986. SURGICAL SPONGES.	
	Seabury & Johnson, 59 Maiden Lane, New York.
2987. SUSPENSORY BANDAGES.	
	Bauer & Black, 1245 State St., Chicago, Ill.
	Common Sense Truss Co., 58 State St., Chicago, Ill.
	Feick Brothers, 506 Wood St., Pittsburg, Pa.
	G. W. Flavell & Bro., 1005 Spring Garden St., Phila., Pa.
	Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
	James R. Kendrick, Germantown, Philadelphia, Pa.
	Fergus Perry, 5013 Wakefield, Philadelphia, Pa.
	Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
	Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.
	S. H. Wetmore Co., 242 Pearl St., New York.
2988. SYRINGES.	
A. EYE & EAR SYRINGES.	Parker, Stearns & Sutton, 228 South St., New York.
	Tyer Rubber Co., Andover, Mass.
B. FOUNTAIN SYRINGES.	B. F. Goodrich Co., Akron, O.
	A. M. Leslie Surg. Instru't Co., 915 Olive St., St., Louis, Mo.
	Parker, Stearns & Sutton, 228 South St., New York.
	Seamless Rubber Co., New Haven, Conn.
	Tyer Rubber Co., Andover, Mass.
	Walter F. Ware, 512 Arch St., Philadelphia, Pa.
C. HYPODERMIC SYRINGES.	Codman & Shurtleff, 13 Tremont St., Boston, Mass.
	Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
	Leach & Greene, 165 Tremont St., Boston, Mass.
	Parke, Davis & Co., Detroit, Mich.
	Henry Weinhagen, 22 N. William St., New York.
	Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.
	S. S. White Dental Mfg. Co., Chestnut & S. 12th, Phila., Pa.
D. RUBBER SYRINGES.	Akron Rubber Works, Akron, O.
	Wm. H. Armstrong Co., Indianapolis, Ind.
	Davidson Rubber Co., 19 Milk St., Boston, Mass.
	Davol Rubber Co., Providence, R. I.
	B. F. Goodrich Co., Akron, O.
	Goodyear Rubber Co., 787 Broadway, New York.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Goodyear Vulcanite Co., 353 Broadway, New York.
	Hodgman Rubber Co., 593 Broadway, New York.
	E. J. Hussey & Co., 80 John St., New York.
	Parker, Stearns & Sutton, 228 South St., New York.
	Seamless Rubber Co., New Haven, Conn.
	Tyer Rubber Co., Andover, Mass.
	Walter F. Ware, 512 Arch St., Philadelphia, Pa.
E. SIPHON SYRINGES.	Parker, Stearns & Sutton, 228 South St., New York.
F. SYRINGE BOXES.	Henry H. Sheip Mfg. Co., 529 Columbia Av., Phila., Pa.
G. SYRINGE FITTINGS, HARD RUBBER.	Goodyear Vulcanite Co., 353 Broadway, New York.
H. SYRINGE TIPS.	Rogers & Hubbard Co., Middletown, Conn.
2989. TRUSSES, SURGICAL.	Wm. H. Armstrong & Co., Indianapolis, Ind.
	Codman & Shurtleff, 13 Tremont St., Boston, Mass.
	Common Sense Truss Co., 58 State St., Chicago, Ill.
	George D. Ellis & Sons Co., 229 Vine St., Philadelphia, Pa.
	Empire Mfg. Co., Lockport, N. Y.
	Feick Brothers, 506 Wood St., Pittsburg, Pa.
	G. W. Flavell & Bro., 1005 Spring Garden St., Phila., Pa.
	Geo. R. Fuller, 147 State St., Rochester, N. Y.
	Hastings & McIntosh Rubber Co., 224 S. 9th St., Phila., Pa.
	Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
	Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
	N. Jones & Co., 320 Broadway, New York.
	McDermott Surgical Instrument Co., New Orleans, La.

Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Pomeroy Co., 17 Union Square, New York.
Smith Co., Topeka, Kan.
Werum Bros., Toledo, O.

A. ELASTIC TRUSSES.
Empire Mfg. Co., Lockport, N. Y.
Hastings & McIntosh Truss Co., 224 S. 9th St., Phila., Pa.
Geo. A. Scott, 842 Broadway, New York.

B. HARD RUBBER TRUSSES.
Hastings & McIntosh Truss Co., 224 S. 9th St., Phila., Pa.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Isaac B. Seeley, 1027 Walnut St., Philadelphia, Pa.

C. LEATHER COVERED TRUSSES.
Hastings & McIntosh Truss Co., 224 S. 9th St., Phila., Pa.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
Philadelphia Truss Co., 610 Locust St., Philadelphia, Pa.
Shepard & Dudley, 431 Broadway, Brooklyn, N. Y.

D. TRUSS BUCKLES.
American Buckle Co., West Haven, Conn.
E. F. Angell & Co., 26 W. Randolph St., Chicago, Ill.

E. TRUSS PADS.
B. F. Goodrich Co., Akron, O.

2990. VACCINE VIRUS WRAPPERS.
Bishop Gutta Percha Co., 422 E. 25th St., New York.

2991. VETERINARY INSTRUMENTS.
Codman & Shurtleff, 13 Tremont St., Boston, Mass.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Wm. H. Horn & Bro., 453 N. 3d St., Philadelphia, Pa.
D. W. Kolbe & Son, 1339 Arch St., Philadelphia, Pa.
John Reynders & Co., 303 4th Av., New York.
Wittemann Bros., 188 William St., New York.

XXXVIII. TEXTILES.

2992. ALPACA.
Bradford Mills, Stenton Av., cor. Godfrey, Philadelphia, Pa.
Farr Alpaca Co., Holyoke, Mass.

2993. ARMURES.
Chauncey Tapestry Co., Chauncey, N. Y.
Cheney Bros., South Manchester, Conn.
Givernaud Bros., West Hoboken, N. J.

2994. ASBESTOS CLOTH.
Asbestos Mfg. Co., 426 Market St., Philadelphia, Pa.
H. W. Johns Mfg. Co., 100 William St., New York.

2995. ASTRAKHAN CLOTH.
American Buffalo Robe Co., 1 Howell St., Buffalo, N. Y.
E. H. Godschalk Co., N. 23d & Hamilton Sts., Phila., Pa.
John E. Hanifen & Co., Savery & E. Thompson, Phila., Pa.

2996. AWNING CLOTH.
Falls Co., Norwich, Conn.
John Farnum & Co., Lancaster, Pa.
James S. Gary & Son, Baltimore, Md.
Greenwoods Co., New Hartford, Conn.
Wm. E. Hooper & Sons, Baltimore, Md.
Laurel Mills, 9 W. German St., Baltimore, Md.
Mississippi Mills, Wesson, Miss.
Robert Bros. Co., 71 Market St., Chicago, Ill.
Sibley Mfg. Co., Augusta, Ga.
Thorndike Co., Thorndike, Mass.
Warren Cotton Mills, West Warren, Mass.

2997. BAGGING.

A. COTTON BAGGING.
Riverside Mills, Augusta, Ga.
James Sherry, Eaufaula, Ala.
Waterbury Rope Co., 69 South St., New York.

B. GUNNY BAGGING.
American Mfg. Co., 67 Wall St., New York.
Crescent Jute Mfg. Co., New Orleans, La.
Lehman, Kraus & Rosenthal, Peru, Ind.
Ludlow Mfg. Co., 133 Essex St., Boston, Mass.
Eben S. Stevens, Dudley, Mass.

C. JUTE BAGGING.
American Mfg. Co., 67 Wall St., New York.
John T. Bailey & Co., S. Water, cor. Morris St., Phila., Pa.
Charleston Bagging Mfg. Co., Charleston, S. C.
Crescent Jute Mfg. Co., New Orleans, La.
Galveston Bagging & Cordage Co., Galveston, Tex.
Lehman, Kraus & Rosenthal, Peru, Ind.
Ludlow Mfg. Co., Boston, Mass.

2998. BEAVERS.
Ashuelot Warp Co., Ashuelot, N. H.
Assabet Mfg. Co., Maynard, Mass.
M. Collins Woolen Mfg. Co., Lowell, Mass.
Germania Mills, Holyoke, Mass.
Harris Woolen Co., Woonsocket, R. I.
Hillsborough Woolen Mills, Hillsboro Bridge, N. H.
Madison Woolen Co., Madison, Me.
Middlesex Co., Lowell, Mass.
Rawitser & Bro., Stafford Springs, Conn.
Slater Woolen Co., Webster, Mass.
E. C. Thayer, Ashuelot, N. H.
Worumbo Mfg. Co., Lisbon Falls, Me.

2999. BED SPREADS.
McAden Mills, McAdensville, N. C.
Monadnock Mills, Claremont, N. H.
Rumpf Bros. & Witty, Huntingdon & N. Hancock, Phil., Pa.
Swift Mfg. Co., Columbus, Ga.

3000. BILLIARD CLOTH.
F. Grote & Co., 114 E. 14th St., New York.
Schulenburg Mfg. Co., Detroit, Mich.

3001. BINDINGS.

A. BLANKET BINDINGS.
Hope Webbing Co., Providence, R. I.
Russell Mfg. Co., Middletown, Conn.

B. CARPET BINDINGS.
Dolphin Jute Mills, 115 Worth St., New York.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Knapp Rubber Binding Co., 335 Broadway, New York.
James Wilson & Sons, N. Orianna, c. Cambridge, Phila., Pa.

C. CORSET BINDINGS.
Chicago Corset Co., Monroe, c. 5th Av., Chicago, Ill.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Strouse, Adler & Co., 412 Broadway, New York.
Warner Bros. Co., 359 Broadway, New York.

D. OIL CLOTH BINDINGS.
Joseph Adamson & Co., 1652 Germantown Av., Phila., Pa.
Fletcher Mfg. Co., Providence, R. I.
Knapp Rubber Binding Co., 335 Broadway, New York.

E. SILK BINDINGS.
Belding Bros. & Co., Belding, Mich.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Joseph Loth & Co., 65 Greene St., New York.
Richardson Silk Co., Belding, Mich.
Schloss & Sons, 15 Mercer St., New York.

F. TAPESTRY BINDINGS.
Mathew Murphy & Son, 2453 N. 3d St., Philadelphia, Pa.

3002. BLANKETS.
Alexander Bros., Cossayuna, N. Y.
Bonsack Bros., Bonsack's, Va.
Brighton Mills, 531 W. 23d St., New York.
Buell Mfg. Co., St. Joseph, Mo.
Capital City Woolen Mills, Des Moines, Iowa.
J. Capps & Sons, Jacksonville, Ill.
Clarksburg Woolen Mills, Clarksburg, W. Va.
Samuel Fox's Sons, La Porte, Ind.
Geo. H. Gilbert Mfg. Co., Ware, Mass.
Peter Graff & Co., Buffalo, Pa.
Grand Forks Woolen Mills, Grand Forks, N. Y.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Richard Hey & Son, Main, n. Walnut St., Philadelphia, Pa.
Hygienic Blanket Co., Hubbardston, Mass.
Jacksonville Woolen Mills, Jacksonville, Ill.
Meek Bros., Bonaparte, Iowa.
Geo. Merritt & Co., Indianapolis, Ind.
F. Muhlhauser Co., Cleveland, O.
Newichawanick Co., South Berwick, Me.
M. T. Parkham & Sons, Marysville, Tenn.
J. R. & J. H. Perkins & Co., Riverhead, N. Y.
Pontoosuc Woolen Mfg. Co., Pittsfield, Mass.
Provo Woolen Mills, Provo City, Utah.
Robinson Mfg. Co., Oxford, Me.
John Scanlan, Morrilton, Ark.
Stockton Woolen Mills, Stockton, Cal.
Stone, Atwood & Co., Flint, Mich.
Tennessee Woolen Mills, McMinnville, Tenn.
H. H. Townsend, Milton Mills, N. H.

A. ARMY BLANKETS.
Fairfield Rubber Co., Fairfield, Conn.
Melrose Woolen Co., Auburn, N. Y.

B. CAMP BLANKETS.
Alexander Bros., Cossayuna, N. Y.

C. COTTON BLANKETS.
James C. Billmyre, Martin, W. Va.
Boston Duck Co., Bondsville, Mass.
Chicopee Mfg. Co., Chicopee Falls, Mass.
New Albany Woolen Mills, New Albany, Ind.

D. PLAID BLANKETS.
James C. Billmyre, Martin, W. Va.

E. WOOLEN BLANKETS.
Ashland Woolen Mills, Ashland, Ore.

Barron Woolen Mills Co., Barron, Wis.
James C. Billmyre, Martin, W. Va.
Cedarburg Woolen Mills, Cedarburg, Wis.
Chatham Mfg. Co., Elkin, N. C.
Cordaville Woolen Co., Southborough, Mass.
Davenport Woolen Mills Co., Davenport, Iowa.
John & Jas. Dobson, 1003 Filbert St., Philadelphia, Pa.
Eagle Woolen Mills Co., Brownsville, Ore.
Goshen Woolen Mfg. Co., Goshen, Ind.
F. Gray Co., Piqua, O.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Hygienic Blanket Co., Hubbardston, Mass.
Thomas Kent Mfg. Co., Clifton Heights, Pa.
John Lonsdale's Sons, Dale, Iowa.
Marysville Woolen Mills, Marysville, Cal.
Melrose Woolen Co., Auburn, N. Y.
George Merritt & Co., Indianapolis, Ind.
Napa Woolen Mills, Napa, Col.
New Albany Woolen Mills, New Albany, Ind.
North Star Woolen Mill Co., Minneapolis, Minn.
Oregon City Mfg. Co., Oregon City, Ore.
Sanford Mills, Sanford, Me.
San Jose Woolen Mill Co., San Jose, Cal.
Schofield Mason & Co., 51 N. Front St., Philadelphia, Pa.
Seymour Woolen Factory Co.,, Seymour, Ind.
Shuler & Benninghofen, Hamilton, O.

3003. BRAIDS.

Castle Braid Co., 15 Mercer St., New York.
S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
D. Goff & Sons, Pawtucket, R. I.
Gold Medal Braid Co., Attleboro Falls, Mass.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Kursheedt Mfg. Co., 358 W. Broadway, New York.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Hugo Maul & Co., 19 Bond St., New York.
Richardson Silk Co., Belding, Mich.
Rosenfeld & Jonas, 114 Wooster St., New York.
Lazarus Schwarz & Co., 445 Darien St., Philadelphia, Pa.
Small Bros., 519 Prospect St., Fall River, Mass.

A. AWNING BRAIDS.

S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
Fletcher Mfg. Co., Providence, R. I.
William H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
A. H. Rice & Co., Pittsfield, Mass.
Robert Bros. Co., 71 Market St., Chicago, Ill.

B. CASHMERE BRAIDS.

American Worsted Co., Woonsocket, R. I.
Belding Bros. & Co., Inc., Belding, Mich.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

C. CORD EDGE BRAIDS.

Rosenfeld & Jonas, 114 Wooster St., New York.

D. COTTON BRAIDS.

Ansonia O. & C. Co., Ansonia, Conn.
Fletcher Mfg. Co., Providence, R. I.
Gold Medal Braid Co., Attleboro Falls, Mass.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Andrew M. Loewenthal, 239 E. 115th St., New York.
Hugo Maul & Co., 19 Bond St., New York.
W. Warren Thread Works, Westfield, Mass.

E. DRESS BINDING BRAIDS.

Belding Bros. & Co., Inc., Belding, Mich.
S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
D. Goff & Sons, Pawtucket, R. I.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

F. ELASTIC BRAIDS.

Geo. S. Colton, Easthampton, Mass.
Hub Gore Makers, 91 Bedford St., Boston, Mass.

G. FANCY BRAIDS.

Rosenfeld & Jonas, 114 Wooster St., New York.
Sutro Bros. Braid Co., 127 Spring St., New York.

H. JEWELERS' BRAIDS.

Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Tate & Co., Malden, Mass.

I. LOOP EDGE BRAIDS.

Rosenfeld & Jonas, 114 Wooster St., New York.

J. METAL BRAIDS.

Rosenfeld & Jonas, 114 Wooster St., New York.

K. MOHAIR BRAIDS.

Belding Bros. & Co., Inc., Belding, Mich.
Gold Medal Braid Co., Attleboro Falls, Mass.
D. Goff & Sons, Pawtucket, R. I.
Wm. H. Horstmann Co., Cherry & N. 5th St., Phila., Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Hugo Maul & Co., 19 Bond St., New York.

Richardson Silk Co., Belding, Mich.
Wm. Skinner Mfg. Co., Holyoke, Mass.
Sutro Bros. Braid Co., 127 Spring St., New York.
What-Cheer Braid Co., Providence, R. I.
Wright Mfg. Co., Lawrence, Mass.

L. PIPING BRAIDS.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

M. SILK BRAIDS.
Belding Bros. & Co., Inc., Belding, Mich.
Brainerd & Armstrong Co., 841 Broadway, New York.
A. S. Ellison & Co., 105 Greene St., New York.
Hammond, Knowlton & Co., Putnam, Conn.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
J. G. Irving, 9 River St., Danbury, Conn.
Kursheedt Mfg. Co., 356 W. Broadway, New York.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Andrew M. Loewenthal, 239 E. 115th St., New York.
Hugo Maul & Co., 19 Bond St., New York.
August Moll Mfg. Co., 235 Lynch St., Brooklyn, N. Y.
Neuburger Silk Co., Paterson, N. J.
Nonotuck Silk Co., Florence, Mass.
Schloss & Sons, 15 Mercer St., New York.
Wm. Skinner Mfg. Co., Holyoke, Mass.
Sutro Bros. Braid Co., 127 Spring St., New York.
A. E. Tweedy, Danbury, Conn.
What-Cheer Braid Co., Providence, R. I.

N. SQUARE BRAIDS.
Rosenfeld & Jonas, 114 Wooster St., New York.

O. STRAW BRAIDS.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

P. SUSPENDER BRAIDS.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
T. Martin & Bro. Mfg. Co., Chelsea, Mass.
Richardson Silk Co., Belding, Mich.
Sutro Bros. Braid Co., 127 Spring St., New York.
Tate & Co., Malden, Mass.

Q. TAILORS' BRAIDS.
Belding Bros. & Co., Inc., Belding, Mich.
Fletcher Mfg. Co., Providence, R. I.
Hammond, Knowlton & Co., Putnam, Conn.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

R. TINSEL BRAIDS.
A. S. Ellison & Co., 105 Greene St., New York.
Fletcher Mfg. Co., Providence, R. I.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Schloss & Sons, 15 Mercer St., New York.
Sutro Bros. Braid Co., 127 Spring St., New York.
Tate & Co., Malden, Mass.

S. TUBULAR BRAIDS.
Belding Bros. & Co., Inc., Belding, Mich.
Gold Medal Braid Co., Attleboro Falls, Mass.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Hugo Maul & Co., 19 Bond St., New York.
Rosenfeld & Jonas, 114 Wooster St., New York.

T. WORSTED BRAIDS.
A. S. Ellison & Co., 105 Greene St., New York.
S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
D. Goff & Sons, Pawtucket, R. I.
Gold Medal Braid Co., Attleboro, Mass.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
R. D. Mason Co., Pawtucket, R. I.
Hugo Maul & Co., 19 Bond St., New York.
What-Cheer Braid Co., Providence, R. I.
Wright Mfg. Co., Lawrence, Mass.

3004. BROADCLOTH.
Cocheco Woolen Mfg. Co., East Rochester, N. H.
Madison Woolen Co., Madison, Me.
Schofield, Mason & Co., Cumberland, c. N. Fairfield., Phil., Pa.
Slater Woolen Co., Webster, Mass.
M. T. Stevens & Sons, North Andover, Mass.

3005. BROCHÉS.
Cheney Bros., Inc., South Manchester, Conn.

3006. BUCKRAMS.
Andrew McLean & Co., 460 Broome St., New York.
Richter Mfg. Co., Tenafly, N. J.
Jas. Thompson & Co., New York.

3007. BUNTING.
Fitchburg Worsted Co., Fitchburg, Mass.
Wm. H. Horstmann Co., N. 5th & Cherry Sts., Phila., Pa.
New England Bunting Co., Lowell, Mass.
New Hartford Cotton Mfg. Co., New Hartford, N. Y.
Slater Cotton Co., Pawtucket, R. I.
U. S. Bunting Co., Lowell, Mass.

3008. BURLAPS.
American Mfg. Co., 67 Wall St., New York.

Chelsea Jute Mills, 316 Broadway, New York.
Dolphin Jute Mills, 115 Worth St., New York.
Keokuk Bag Co., Keokuk, Iowa.
Ludlow Mfg. Co., Boston, Mass.
Neville & Co., Inc., 31 California St., San Francisco, Cal.
Washington State Penitentiary, Walla Walla, Wash.

3009. CAMBRICS.
Androscoggin Mills, Lewiston, Me.
Ashland Cotton Co., Jewett City, Conn.
Attawaugan Co., Dayville, Conn.
Berkeley Co., Providence, R. I.
Berkshire Cotton Mfg. Co., Adams, Mass.
Conanicut Mills, Fall River, Mass.
Grosvenordale Co., Grosvenordale, Conn.
Hookset Mills, Hookset, N. H.
King Philip Mills, Fall River, Mass.
Lonsdale Co., Providence, R. I.
Manville Co., Manville, R. I.
Saratoga Victory Mfg. Co., Victory Mills, N. Y.
H. N. Slater, Webster, Mass.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Totoket Mills, Norwich, Conn.

3010. CAMEL'S HAIR PRESS CLOTH.
J. M. Schwehm & Sons, 13 W. Wister St., Philadelphia, Pa.
Sugden Press Bagging Co., West Chelmsford, Mass.

3011. CANOPY NETTING.
Andrew McLean & Co., 460 Broome St., New York.
I. E. Palmer, Middletown, Conn. *33
James Thompson & Co., 16 Greene St., New York.

3012. CANVAS.
Chelsea Jute Mills, 316 Broadway, New York.
Dolphin Jute Mills, 115 Worth St., New York.
Greenwoods Co., New Hartford, Conn.

3013. CARDIGANS.
American Worsted Co., Woonsocket, R. I.
Cedarburg Woolen Mills, Cedarburg, Wis.

3014. CARPETING CLOTH.
John & Jas. Dobson, 28 N. Front St., Philadelphia, Pa.

3015. CARRIAGE CLOTH
John Chase & Sons, Webster, Mass.
Empire Rubber Mfg. Co., 58 Reade St., New York.
Edmond F. Heath & Son, Newark, N. J.
Meriden Woolen Mills, Meriden, Conn.
Slater Woolen Co., Webster, Mass.
Talbot Mills, North Billerica, Mass.
Warrenton Woolen Co., Torrington, Conn.
Waterloo Woolen Mfg. Co., Waterloo, N. Y.

A. CARRIAGE CURTAIN CLOTH.
Fairfield Rubber Co., Fairfield, Conn.

3016. CASHMERES.
Atlantic Mills, Providence, R. I.
H. N. Slater, Webster, Mass.

3017. CASHMERETTES.
Charles J. Amidon & Sons, Hinsdale, N. H.
F. J. Goodspeed, Wilton, Me.
Haile & Frost Mfg. Co., Hinsdale, N. H.
Provo Woolen Mills Co., Provo City, Utah.
Webster Woolen Co., Sabattus, Me.

3018. CASSIMERES.
Amos Abbott & Co., Dexter, Me.
Aetna Mills, Watertown, Mass.
Albany Woolen Mills, Albany, Ore.
Oliver Allen & Son, Mumford, N. Y.
Amana Society, Homestead, Iowa.
American Mills Co., Rockville, Conn.
American Woolen Co., Boston, Mass.
E. K. & G. N. Anderson, Ashland, Ore.
Appleton Woolen Mills, Appleton, Wis.
Arista Mills, Salem, N. C.
Ashaway Woolen Co., Ashaway, R. I.
Assabet Mfg. Co., Maynard, Mass.
Atlantic Mills, Millbury, Mass.
Auburn Prison, Auburn, N. Y.
Auburn Woolen Co., Auburn, N. Y.
Barron Woolen Mills Co., Barron, Wis.
Bedford Mills Co., Bedford City, Va.
Beebe, Webber & Co., Holyoke, Mass.
James C. Billmyre, Martin, W. Va.
S. Blackinton Co., Blackinton, Mass.
Blake & Co., Inc., Racine, Wis.
Robt. Bleakie Co., Hyde Park, Mass.
Bonsack Bros., Bonsack's, Va.
Boundbrook Woolen Mills, Boundbrook, N. J.

Crosby M. Brown & Co., Haverford Av. & N. 69th, Phil., Pa.
A. J. Brumbach, Reading, Pa.
Buell Mfg. Co., St. Joseph, Mo.
Burlington, Winooski & Colchester Mills, 346 B'way, N. Y.
Robert Callaghan, Philadelphia, Pa.
Capitol City Woolen Mills, Des Moines, Iowa.
J. Capps & Sons, Ltd., Jacksonville, Ill.
Capron Woolen Co., Uxbridge, Mass.
Carolina Mills Co., Carolina, R. I.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phila., Pa.
Cazenovia Woolen & Felt Co., Cazenovia, N. Y.
Charlottesville Woolen Mill, Charlottesville, Va.
John Chase & Sons, Webster, Mass.
Clinton Mills Co., Norwich, Conn.
Clinton Woolen Mfg. Co., Clinton, Mass.
John S. Collins, Gilsum, N. H.
Crown Mills, Marcellus, N. Y.
Curtis Mfg. Co., Worcester, Mass.
Daniel Curtis' Sons, Woodbury, Conn.
S. F. Cushman & Sons, Monson, Mass.
Davenport Woolen Mills Co., Davenport, Iowa.
Delabarre Bros., Conway, Mass.
R. Dobson & Co., Pittsfield, Me.
Thos. Dolan & Co., Hancock & Columbia Av., Phila., Pa.
Dundee Woolen Co., Passaic, N. J.
Eagle Woolen Mill Co., Brownsville, Ore.
D. W. Ellis & Son, Monson, Mass.
Empire Woolen Co., Clayville, N. Y.
Estate of Geo. W. Olney, Cherry Valley, Mass.
Evansville Woolen Mill Co., Evansville, Ind.
Everett Mills, Lawrence, Mass.
Farr Alpaca Co., Holyoke, Mass.
Forest Mills Co., Bridgeton, Me.
Henry Fox & Co., Urbana, O.
Samuel Fox's Sons, La Porte, Ind.
Georges River Mills, Warren, Me.
Franklin Glazier & Son, South Glastonbury, Conn.
Globe Woolen Co., Utica, N. Y.
S. Greenwood & Son, Coatesville, Pa.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Hamilton Woolen Co., 18 Post Office Square, Boston, Mass.
Hampden Woolen Co., Dalton, Mass.
Hanover Woolen Mfg. Co., Hanover, Ill.
Harris Woolen Co., Woonsocket, R. I.
Hartford Woolen Co., Hartford, Vt.
Hawthorne Mills Co., Glenville, Conn.
Holstein Woolen Co., Salem, Va.
James Irving & Son, Ltd., Chester, Pa.
Island Woolen Co., Baraboo, Wis.
Jacksonville Woolen Mills, Jacksonville, Ill.
Jamestown Woolen Mills, Jamestown, N. Y.
Jefferson Mfg. Co., Jefferson, Mass.
Jefferson Woolen Mills, Jefferson, Wis.
E. Kenyon & Son, Kenyon, R. I.
Kiamensi Woolen Co., Stanton, Del.
Knox-Hill Co., Warsaw, Ill.
Knox Woolen Co., Camden, Me.
Louis Kraemer & Co., Reading, Pa.
James Lees & Sons Co., Bridgeport, Pa.
J. G. Leinbach & Co., Reading, Pa.
Lewisburg Woolen Co., Lewisburg, Pa.
John Lonsdale's Sons, Dale, Iowa.
George McFarland Co., Gulf Mills P. O., Pa.
Mayfield Woolen Mills, Mayfield, Ky.
Meek Bros., Bonaparte, Iowa.
Meriden Woolen Mills, Meriden, Conn.
Middlesex Co., Lowell, Mass.
Mineral Spring Mfg. Co., Stafford Springs, Conn.
Mississippi Mills, Wesson, Miss.
Morrison Woolen Co., Dexter, Me.
Nashville Woolen Mills Co., Nashville, Tenn.
New Albany Woolen Mills, New Albany, Ind.
New England Co., Rockville, Conn.
North Adams Mfg. Co., North Adams, Mass.
Old Kentucky Woolen Mills Co., Inc., Louisville, Ky.
Park Woolen Mills, Rossville, Ga.

Passaic Woolen Co., Passaic, N. J.
Josiah Perry, Dudley, Mass.
Plymouth Woolen Co., Plymouth, Mass.
Provo Woolen Mills, Provo City, Utah.
Putnam Woolen Co., Putnam, Conn.
Raritan Woolen Mills, Raritan, N. J.
Rawister & Bro., Stafford Springs, Conn.
Reedsburg Woolen Mill Co., Reedsburg, Wis.
J. J. Regan Mfg. Co., Rockville, Conn.
Riverside Woolen Co., Stafford, Conn.
Robinson Mfg. Co., Oxford, Me.
Rock Mfg. Co., Rockville, Conn.
C. W. Rockwell & Co., Rockwell's Mills, N. Y.
S. N. & C. Russell Mfg. Co., Pittsfield, Mass.
Sales & Jenks Mfg. Co., Warren, Mass.
Sawyer Woolen Mills, Dover, N. H.
Schofield, Mason & Co., Cumberland & N. Fairhill, Phila., Pa.
Shaw, Esrey & Co., Ltd., Chester, Pa.
Isaac W. Smith, Bridgeport, Pa.
Somerset Mfg. Co., Raritan, N. J.
South Bend Woolen Co., South Bend, Ind.
Springfield Woolen Mills, Springfield, Ill.
Stillwater Woolen Mill, Stillwater, R. I.
Stockton Woolen Mills, Stockton, Cal.
Stone, Atwood & Co., Flint, Mich.
Swift River Co., Enfield, Mass.
Talcott Bros., Talcottville, Conn.
Vernon Woolen Co., Vernon, Conn.
Wm. A. Walton & Co., Plainville, R. I.
Warren Cotton Mills, West Warren, Mass.
Webster Woolen Co., Salattus, Me.
Weiss Woolen Co., Inc., Charleston, Ill.
Weybosset Mills, Providence, R. I.
Geo. Whitney Woolen Co., Royalston, Mass.
Wickford Worsted Mill, Wickford, R. I.
Wm. Wood & Co., S. E. c. 22d & Spring Garden Sts., Phil., Pa.

A. COTTON CASSIMERES.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phila., Pa.
Rankin Mfg. Co., Nashville, Tenn.

B. UNION CASSIMERES.
Henderson Woolen Mills, Henderson, Ky.
Isaac W. Smith, Bridgeport, Pa.

3019. CHAMBRÊS.
Durham Cotton Mfg. Co., Durham, N. C.
Everett Mills, Lawrence, Mass.
Griffin Mfg. Co., Griffin, Ga.
Manville Co., Manville, R. I.
Slater Cotton Co., Pawtucket, R. I.

3020. CHEESE CLOTH.
L. M. Harris Mfg. Co., Oakdale, Mass.
Slater Cotton Co., Pawtucket, R. I.

3021. CHENILLES.
Brainard & Armstrong Co., New London, Conn.
A. S. Ellison & Co., 105 Greene St., New York.
Wm. H. Horstmann Co., Cherry & N. Front Sts., Phila., Pa.
Hugo Maul & Co., 19 Bond St., New York.

3022. CHEVIOTS.
Arista Mills, Salem, N. C.
Atlantic Mills, Providence, R. I.
Geo. L. Balcolm, Claremont, N. H.
Blackinton Co., Blackinton, Mass.
Cameron & Cameron, Richmond, Va.
Everett Mills, Lawrence, Mass.
Granite Mfg. Co., Haw River, N. C.
Griffin Mfg. Co., Griffin, Ga.
Thos. M. Holt Mfg. Co., Haw River, N. C.
Mississippi Mills, Wisson, Miss.
Muscogee Mfg. Co., Columbus, Ga.
Old Kentucky W. Mills Co., Inc., Louisville, Ky.
M. T. Parkham & Sons, Marysville, Tenn.
J. M. Schwehm & Sons, 13 W. Wister St., Phila., Pa.
Talbot Mills, North Billerica, Mass.

A. COTTON CHEVIOTS.
Columbian Mfg. Co., Greenville, N. H.
Eagle & Phenix Mills, Columbus, Ga.
Jewett City Mills, Jewett City, Conn.
C. J. Milne & Sons, S. 11th St. & Wash'n Av., Phila., Pa.
Riverside Cotton Mills, Danville, Va.
Warren Cotton Mills, West Warren, Mass.
Wm. Wood & Co., S. E. c. 22d & Spring Garden Sts., Phila., Pa.

B. SCOTCH CHEVIOTS.
R. Dobson & Co., Pittsfield, Me.

C. WOOLEN CHEVIOTS.
Albany Woolen Mills, Albany, Ore.
Assabet Mfg. Co., Maynard, Mass.

S. Blackinton Co., Blackinton, Mass.
Calumet Woolen Co., Uxbridge, Mass.
Cocheco Woolen Mfg. Co., East Rochester, N. H.
Evansville Woolen Mills Co., Evansville, Ind.
Plymouth Woolen Co., Plymouth, Mass.
Slater Woolen Co., Worcester, Mass.
Stockton Woolen Mills, Stockton, Cal.
Wm. Wood & Co., S. E. c. 22d & Spring Garden Sts., Phila., Pa.

D. WORSTED CHEVIOTS. S. Blackinton Co., Blackinton, Mass.

3023. CHINCHILLAS. M. Collins Woolen Mfg. Co., Lowell, Mass.
A. S. Ellison & Co., 103 Greene St., New York.
Raritan Woolen Mills, Raritan, N. J.
Somerset Mfg. Co., Raritan, N. J.
Worumbo Mfg. Co., Lisbon Falls, Me.

3024. CLEARER CLOTH. Joseph Noone's Sons Co., Peterborough, N. H.

3025. CLOAKINGS. Aetna Mills, Watertown, Mass.
American Mills Co., Rockville, Conn.
Brown Mfg. Co., Dover, Me.
E. W. Chapin Co., Chapinville, Mass.
John Chase & Sons, Webster, Mass.
James Doak, Jr., & Co., 2161 E. Morris St., Philadelphia, Pa.
Thos. Dolan & Co., Hancock & Columbia Av., Phila., Pa.
Franklin Glazier & Sons, South Glastonbury, Conn.
Hawthorne Mills Co., Glenville, Conn.
James Lees & Sons Co., Bridgeport, Pa.
Meriden Woolen Mills, Meriden, Conn.
Merrimac Woolen Mills Co., Dracut, Mass.
Oregon City Mfg. Co., Oregon City, Ore.
Raritan Woolen Mills Co., Raritan, N. J.
Somerset Mfg. Co., Raritan, N. J.
Stillwater Woolen Mill, Stillwater, R. I.
J. C. Stratton & Co., 7 Waverly Place, New York.
Vernon Woolen Co., Vernon, Conn.
W. Wood & Co., S.E.c.22d & Spring Garden Sts., Phila., Pa.

3026. COFFIN CLOTH. Meriden Woolen Mills, Meriden, Conn.

3027. COLORED COTTONS. Ashville Cotton Mills, Ashville, N. C.
Barnaby Mfg. Co., Fall River, Mass.
Eagle & Phenix Mfg. Co., Columbus, Ga.
Granite Falls Mfg. Co., Granite Falls, N. C.
Maginnis Cotton Mills, Inc., New Orleans, La.
Manville Co., Manville, R. I.
Muscogee Mfg. Co., Columbus, Ga.

3028. COMFORTABLES. American Quilt Co., Holyoke, Mass.
Blatner Bros., Albany, N. Y.
Cold Blast Feather Co., 45 W. Van Buren St., Chicago, Ill.
Ely & Walker Dry Goods Co., 1918 Chestnut St., St. Louis, Mo.
Fuld Bros., 43 Walker St., New York.
Geo. Hayman, 103 Mott St., New York.
A. & A. Lessig, Philadelphia, Pa.
Palmer Bros., Montville, Conn.
R. T. Palmer Co., New London, Conn.
Union Carpet Lining Co., 179 Devonshire St., Boston, Mass.

3029. CORDONNETS. Cheney Bros., Inc., South Manchester, Conn.

3030. CORDS. Hugo Maul & Co., 19 Bond St., New York.
Oehrle Bros. & Co., 1002 Arch St., Philadelphia, Pa.

A. BICYCLE LACING CORD. Ossawan Mills Co., Norwich, Conn.

B. BUTTONHOLE CORD. Hadley Co., Holyoke, Mass.

C. SKIRT CORD. Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Hugo Maul & Co., 19 Bond St., New York.

D. SOLID BRAIDED CORD. Ossawan Mills Co., Norwich, Conn.
Samson Cordage Works, Boston, Mass.

E. UPHOLSTERY CORD. Carl Buschner, 738 Broadway, New York.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Ossawan Mills Co., Norwich, Conn.
M. Rosenfeld & Co., 240 Broadway, Brooklyn, N. Y.
Samson Cordage Works, Boston, Mass.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
Sutro Bros. Braid Co., 127 Spring St., New York.
Union Upholstery Trimming Co., 605 W. 36th St., New York.
W. Warren Thread Works, Westfield, Mass.

3031. CORDUROYS. Crompton Co., Providence, R. I.
Merrimack Mfg. Co., Lowell, Mass.
New York Mills, New York Mills, N. Y.
Salt's Textile Mfg. Co., Bridgeport, Conn.

3032. COTTONADES. Arista Mills, Salem, N. C.
Ashville Cotton Mills, Ashville, N. C.

Bates Mfg. Co., Lewiston, Me.
Robert Dallas, Frankford, Philadelphia, Pa.
Eagle & Phenix Mills, Columbus, Ga.
Everett Mills, Lawrence, Mass.
Falls Co., Norwich, Conn.
Griffin Mfg. Co., Griffin, Ga.
Long Bros. Co., 203 Church St., Philadelphia, Pa.
Mississippi Mills, Wesson, Miss.
Monbo Mfg. Co., Monbo, N. C.
Muscogee Mfg. Co., Columbus, Ga.
New York Mills, New York Mills, N. Y.
Pemberton Co., Lawrence, Mass.
Porter & Dickey, N. Howard & Norris Sts., Phila., Pa.
Riverside Cotton Mills, Danville, Va.
Savage Mfg. Co., Baltimore, Md.
Swift Mfg. Co., Columbus, Ga.
Thorndike Co.'s Warren Cotton Mills, West Warren, Mass.
Warren Cotton Mills, West Warren, Mass.
Whittenton Mfg. Co., Taunton, Mass.
York Mfg. Co., Saco, Me.

3033. COTTON CHECKS.
Brookside Mills, Inc., Knoxville, Tenn.
Samuel A. Crozer & Son, Upland, Pa.
Eagle & Phenix Mfg. Co., Columbus, Ga.
Great Falls Mfg. Co., Great Falls, N. H.
Griffin Mfg. Co., Griffin, Ga.
High Shoals Mfg. Co., High Shoals, Ga.
J. H. & W. E. Holt & Co., Burlington, N. C.
R. L. & J. H. Holt, Jr., Burlington, N. C.
Lawrence S. Holt & Sons, Burlington, N. C.
W. E. & J. H. Holt, Burlington, N. C.
E. M. Holt Plaid Mills, Burlington, N. C.
James H. Kerr, Huntingdon Av., Philadelphia, Pa.
J. W. Lewis & Co., Chester, Penn.
Long Bros. Co., 203 Church St., Philadelphia, Pa.
Manville Co., Manville, R. I.
C. J. Milne & Son, 11th St. & Washington Av., Phila., Pa.
Mississippi Mills, Wesson, Miss.
Pee Dee Mfg. Co., Rockingham, N. C.
Porter & Dickey, N. Howard & Norris Sts., Phila., Pa.
Riverside Cotton Mills, Danville, Va.
Roswell Mfg. Co., Roswell, Ga.
Shetucket Co., Norwich, Conn.
Sidney Cotton Mills, Graham, N. C.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Swift Mfg. Co., Columbus, Ga.
Tennessee Mfg. Co., Nashville, Tenn.

3034. COTTON CLOTH.
Barnard Mfg. Co., Fall River, Mass.
Richard Borden Mfg. Co., Fall River, Mass.
Mays Landing Water Power Co., 626 Chestnut St., Phila., Pa.
Slade Mills, Fall River, Mass.
Troy Cotton & Woolen Mfry., Fall River, Mass.

3035. COTTON FILLINGS.
Slater Cotton Co., Pawtucket, R. I.

3036. COVERLIDS.
M. T. Parkham & Sons, Marysville, Tenn.

3037. COVERT CLOTH.
Blackinton Co., Blackinton, Mass.
Hartford Woolen Co., Hartford, Vt.
Palmer Mills, Three Rivers, Mass.
Worumbo Mfg. Co., Lisbon Falls, Me.

3038. CRASH.
Hookset Mills, Hookset, N. H.
Merrimack Mfg. Co., Lowell, Mass.
Muscogee Mfg. Co., Columbus, Ga.

3039. CRÊPE.
Cheney Bros., Inc., South Manchester, Conn.

3040. CRÊPE DE CHINE.
Freeland Silk Mill Co., Freeland, Pa.

3041. CRETONNES.
Giveen Mfg. Co., 71 Leonard St., New York.
S. M. Schwab, Jr., & Co., 46 White St., New York.
Wamsutta Mills, New Bedford, Mass.

3042. CRINOLINE.
Irving Mfg. Co., New Brighton, N. Y.
I. E. Palmer, Middletown, Conn. *33

3043. CURTAINS.

A. BERTH CURTAINS.
Geo. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa.
E. T. Burrowes Co., Portland, Me.

B. CAR CURTAINS.
E. T. Burrowes Co., Portland, Me.
Chauncey Tapestry Co., Chauncey, N. Y.
McKay Curtain Co., Wilmington, Del.

C. CARRIAGE CURTAINS.
E. T. Burrowes Co., Portland, Me.

D. CHENILLE CURTAINS.
Barnes & Beyer, E. Indiana Av., c. A St., Philadelphia, Pa.

Geo. F. Bristow, Bridesburg, Philadelphia, Pa.
John Bromley & Sons, N. Front, c. E. Dauphin St., Phila., Pa.
Bromley Mfg. Co., Lehigh Av. & N. Front St., Phila., Pa.
Geo. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
Hoyle, Harrison & Kaye, N. 3d St. & Lehigh Av., Phila., Pa.
Hyndman & Moore Co., Coral & Adams Sts., Phila., Pa.
E. V. Pike, Sunnyside Mills, Cheltenham, Pa.
Stead & Miller, N. 4th & Cambria Sts., Philadelphia, Pa.

E. EMBROIDERED CURTAINS.
Cylindrograph Embroidery Co., Bridgeport, Conn.
S. M. Schwab, Jr., & Co., 46 White St., New York.

F. JUTE VELOUR CURTAINS.
Hyndman & Moore Co., Coral & Adams Sts., Phila., Pa.

G. LACE CURTAINS.
Jos. H. Bromley, Lehigh Av., Philadelphia, Pa.
Bromley Mfg. Co., Lehigh Av. & N. Front Sts., Phila., Pa.
Lehigh Mfg. Co., Lehigh Av. & N. 4th St., Phila., Pa.
Nottingham Mills, Providence, R. I.
Wilkes-Barre Lace Mfg. Co., Wilkes-Barre, Pa.

H. SILK CURTAINS.
Bromley Mfg. Co., Lehigh Av. & N. Front St., Phila., Pa.
Camden Curtain & Embroidery Co., Camden, N. J.
Chauncey Tapestry Co., Chauncey, N. Y.
Cheney Bros., Inc., South Manchester, Conn.
G. W. Fulton & Co., Paterson, N. J.
Thos. H. Harper, Paterson, N. J.
Lyons Silk Print Works, Paterson, N. J.
W. & J. Robertson, Paterson, N. J.
J. M. Schwehm & Sons, 13 W. Wister St., Philadelphia, Pa.
Samuel Silberstein, Alpine, Ill.
W. & J. Sloane, Inc., 884 Broadway, New York.
Stead & Miller, 4th & Cambria Sts., Philadelphia, Pa.

I. TAPESTRY CURTAINS.
Barnes & Beyer, E. Indiana Av. & A St., Philadelphia, Pa.
Bromley Mfg. Co., Lehigh Av. & N. Front St., Phila., Pa.
Geo. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
Hoyle, Harrison & Kaye, Lehigh Av. & N. 3d St., Phila., Pa.
Hyndman & Moore Co., Coral & Adams Sts., Phila., Pa.
Moss Rose Mfg. Co., Huntingdon & N. 3d Sts., Phila., Pa.
Philadelphia Tapestry Mills, E. Cambria & Ormes, Phila., Pa.
B. L. Solomon's Sons, 1012 Walnut St., Philadelphia, Pa.
Stead & Miller, 4th & Cambria Sts., Philadelphia, Pa.

J. TURCOMAN CURTAINS.
Barnes & Beyer, E. Indiana & A Sts., Philadelphia, Pa.
Geo. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa.
J. M. Schwehm & Sons, 13 W. Wister St., Philadelphia, Pa.

3044. DAMASKS.
Geo. S. Cox & Bro., E. Cambria & Ormes Sts., Phila., Pa.
Durnham Cotton Mfg. Co., Durnham, N. C.
Renfrew Mfg. Co., Adams, Mass.
Samuel Riddle's Sons, Glen Riddle, Pa.

3045. DELAINES.
Pacific Mills, Lawrence, Mass.

3046. DENIMS.
Amoskeag Mfg. Co., Manchester, N. H.
Columbian Mfg. Co., Greenville, N. H.
Eagle & Phenix Mills, Columbus, Ga.
Everett Mills, Lawrence, Mass.
Galveston Cotton Mills, Galveston, Tex.
Jewett City Mills, Jewett City, Conn.
Lane Mills, New Orleans, La.
Muscogee Mfg. Co., Columbus, Ga.
Pacific Mills, Lawrence, Mass.
Palmer Mills, Three Rivers, Mass.
Otis Co., Three Rivers, Mass.
Randleman Mfg. Co., Randleman, N. C.
S. M. Schwab, Jr., & Co., 46 White St., New York.
Shetucket Co., Norwich, Conn.
Thorndike Co., Thorndike, Mass.
Thorndike Co.'s Warren Cotton Mills, West Warren, Mass.
Warren Cotton Mills, West Warren, Mass.
White Bros., Winchendon Springs, Mass.

A. FANCY DENIMS.
Falls Co., Norwich, Conn.
Palmer Mills, Palmer, Mass.

3047. DIAGONALS.
George L. Balcom, Claremont, N. H.
Slater Woolen Co., Webster, Mass.
Worumbo Mfg. Co., Lisbon Falls, Me.

3048. DIAPER CLOTH.
American Linen Co., Fall River, Mass.
Boott Cotton Mills, Lowell, Mass.

3049. DIMITIES.
Windsor Co., North Adams, Mass.

3050. DOESKINS.
Atlanta Woolen Mills, Atlanta, Ga.
Beaver Woolen Mills Co., Beaver, Utah.
Charlottesville Woolen Mills, Charlottesville, Va.

Dexter Woolen Mills, Dexter, Me.
Evansville Woolen Mills, Evansville, Ind.
James Irving & Son, Ltd., Chester, Pa.
Knoxville Woolen Mills, Knoxville, Tenn.
Louis Kraemer & Co., Stony Creek Mills, Pa.
Louisville Woolen Mills, Louisville, Ky.
Rhodes Bros., Ltd., Aston Mills, Pa.
Rodman Mfg. Co., Lafayette, R. I.
Slater Woolen Co., Webster, Mass.
Isaac W. Smith, Bridgeport, Pa.

3051. DOMETTS.
Chicopee Mfg. Co., Chicopee Falls, Mass.
Eagle & Phoenix Mills, Columbus, Ga.
Falls Co., Norwich, Conn.
Griffin Mfg. Co., Griffin, Ga.
Mississippi Mills, Wesson, Miss.
Wilmington Cotton Mills, Wilmington, Del.

3052. DRAPERIES.
Chauncey Tapestry Co., Chauncey, N. Y.
Everett Mills, Lawrence, Mass.
E. H. Godshalk Co., Hamilton & N. 23d Sts., Phila., Pa.
Hoyle, Harrison & Kaye, N. 3d St. & Lehigh Av., Phila., Pa.
McKay Curtain Co., Wilmington, Del.
S. M. Schwab, Jr., & Co., 46 White St., New York.

A. COTTON DRAPERIES.
John Shillito Co., Cincinnati, O.

3053. DRESS GOODS.
Arnold Print Works, North Adams, Mass.
Atlantic Mills, Providence, R. I.
Hall's Co., Jamestown, N. Y.
James Lees & Sons Co., Bridgeport, Pa.
Melrose Woolen Co., Auburn, N. Y.
Meriden Woolen Mills, Meriden, Conn.
C. J. Milne & Sons, 11th St. & Washington Av., Phila., Pa.
Talbot Mills, North Billerica, Mass.

A. COTTON DRESS GOODS.
Arasapha Mfg. Co., Chester, Pa.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phil., Pa.
D. W. C. Ellis & Co., 244 Chestnut St., Philadelphia, Pa.
Giveen Mfg. Co., 71 Leonard St., New York.
Grimshaw Bros., Paterson, N. J.
Grinnell Mfg. Corporation, New Bedford, Mass.
Pequot Mills, Montville, Conn.
Ponemah Mills, Norwich, Conn.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Windsor Company, North Adams, Mass.

B. LINEN DRESS GOODS.
Merrimack Mfg. Co., Lowell, Mass.

C. SILK DRESS GOODS.
Ashley & Bailey, Paterson, N. J.
Brilliant Silk Mfg. Co., Paterson, N. J.
Bristow, McCollom & Post, Paterson, N. J.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phil., Pa.
Cheney Bros., Inc., South Manchester, Conn.
Cornforth & Marx, Paterson, N. J.
Dexter, Lambert & Co., Paterson, N. J.
Doherty & Wadsworth, Paterson, N. J.
Enterprise Silk Co., Paterson, N. J.
Hamil & Booth Co., Paterson, N. J.
Naef Bros. Co., Paterson, N. J.
Paragon Silk Co., Paterson, N. J.
Pelgram & Meyer, Paterson, N. J.
Phoenix Mfg. Co., Paterson, N. J.
Wm. F. Read, 213 Chestnut St., Philadelphia, Pa.
Wm. Skinner Mfg. Co., Holyoke, Mass.
John N. Stearns & Co., 68 Greene St., New York.

D. WOOLEN DRESS GOODS.
Aetna Mills, Watertown, Mass.
Assabet Mfg. Co., Maynard, Mass.
Barron Woolen Mills Co., Barron, Wis.
Belvidere Woolen Mfg. Co., Lowell, Mass.
Botany Worsted Mills, Passaic, N. J.
Brown Mfg. Co., Dover, Me.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phil., Pa.
Cascade Woolen Mills, Oakland, Me.
Cocheco Woolen Mfg. Co., East Rochester, N. H.
D. W. C. Ellis & Co., 244 Chestnut St., Philadelphia, Pa.
Franklin Glazier's Son, South Glastonbury, Conn.
Grand Forks Woolen Mills, Grand Forks, N. Y.
Long Bros. & Co., 203 Church St., Philadelphia, Pa.
B. Lucas & Co., Poquetanuck, Conn.
Madison Woolen Mills, Madison, Me.
Maryland Mills, Andover, Mass.

R. M. & T. Reynolds, Monson, Mass.
M. T. Stevens & Son, North Andover, Mass.

E. WORSTED DRESS GOODS.
Atlantic Mills, Providence, R. I.
Botany Worsted Mills, Passaic, N. J.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phila.,Pa.
Long Bros. & Co., 203 Church St., Philadelphia, Pa.
Manchester Mills, Manchester, N. H.
New England Bunting Co., Lowell, Mass.
Pacific Mills, Lawrence, Mass.
United States Bunting Co., Lowell, Mass.
Wm. E. Walsh, Lowell, Mass.

3054. DRILLS.
Anniston Mfg. Co., Anniston, Ala.
Appleton Co., Lowell, Mass.
Atlanta Cotton Mills, Atlanta, Ga.
Augusta Factory, Augusta, Ga.
Boott Cotton Mills, Lowell, Mass.
Chicopee Mfg. Co., Chicopee Falls, Mass.
Clifton Mfg. Co., Clifton, S. C.
D. E. Converse & Co., Glendale, S. C.
Darlington Mfg. Co., Darlington, S. C.
Enterprise Mfg. Co., Augusta, Ga.
Ettrick Mfg. Co., Petersburg, Va.
Evansville Cotton Mfg. Co., Evansville, Ind.
Exeter Mfg. Co., Exeter, N. H.
Galveston Cotton Mills, Galveston, Tex.
Graniteville Mfg. Co., Graniteville, S. C.
Greenwoods Co., New Hartford, Conn.
Griffin Mfg. Co., Griffin, Ga.
Hamilton Mfg. Co., Lowell, Mass.
John P. King Mfg. Co., Augusta, Ga.
Laconia Co., Biddeford, Me.
Lane Mills, New Orleans, La.
Lanett Cotton Mills, West Point, Ga.
Langley Mfg. Co., Langley, S. C.
Lyman Mills, Holyoke, Mass.
Maginnis Cotton Mills, Inc., New Orleans, La.
Matoaca Mfg. Co., Petersburg, Va.
Natchez Cotton Mills Co., Natchez, Miss.
Naumkeag Steam Cotton Co., Salem, Mass.
New Market Mfg. Co., New Market, N. H.
Pacolet Mfg. Co., Pacolet, S. C.
Pelzer Mfg. Co., Pelzer, S. C.
Pepperell Mfg. Co., Biddeford, Me.
Piedmont Mfg. Co., Piedmont, S. C.
Pocasset Mfg. Co., Fall River, Mass.
Reedy River Mfg. Co., Reedy River Factory, S. C.
Rock Hill Cotton Factory Co., Rock Hill, S. C.
Stark Mills, Manchester, N. H.
Tennessee Mfg. Co., Nashville, Tenn.
Tremont & Suffolk Mills, Lowell, Mass.
Trion Mfg. Co., Trion Factory, Ga.

3055. DUCK.

A. BELTING DUCK.
Empire Rubber Mfg. Co., Trenton, N. J.
Fitchburg Duck Mills, South Fitchburg, Mass

B. CAR DUCK.
Fitchburg Duck Mills, South Fitchburg, Mass.

C. COTTON DUCK.
Atlantic Cotton Mills, Lawrence, Mass.
Atlantic Duck Co., Moodus, Conn.
Avon Mfg. Co., Lewiston, Me.
Boston Duck Co., Bondsville, Mass.
Columbia Mills Co., Columbia, S. C.
Crown Cotton Mills, Dalton, Ga.
Everett Mills, Lawrence, Mass.
Falls Co., Norwich, Conn.
Galveston City Cotton Mills, Galveston, Tex.
Jas. S. Gary & Son, Alberton, Md.
Geletin Cotton Mills, West Point, Ga.
Greenwoods Co., New Hartford, Conn.
Home Cotton Mills Co., 601 S. 4th St., St. Louis, Mo.
Wm. E. Hooper & Sons, Baltimore, Md.
Lane Mills, New Orleans, La.
Lanett Cotton Mills, West Point, Ga.
Laurel Mills, 9 W. German St., Baltimore, Md.
Lawrence Duck Co., Lawrence, Mass.
Maginnis Cotton Mills, Inc., New Orleans, La.
Mississippi Mills, Wesson, Miss.
Mount Vernon Co., Baltimore, Md.

Neville & Co., San Francisco, Cal.
Pemberton Co., Lawrence, Mass.
Pocasset Mfg. Co., Fall River, Mass.
Princeton Mfg. Co., Athens, Ga.
Riverdale Cotton Mills, West Point, Ga.
Rome Cotton Factory, Rome, Ga.
Selma Cotton Mills Co., Selma, Ala.
Sibley Mfg. Co., Augusta, Ga.
D. B. Smith & Son, Pine Meadow, Conn.
Stark Mills, Manchester, N. H.
Tallassee Falk Mfg. Co., Tallassee, Ala.
Warren Mfg. Co., Warren, Md.
West Point Mfg. Co., West Point, Ga.
Woodberry Mfg. Co. of Baltimore County, Woodberry, Md.

D. FANCY DUCK.
Estate of H. S. Sawyers, Colebrook River, Conn.
Falls Co., Norwich, Conn.

E. HOSE DUCK.
Fitchburg Duck Mills, South Fitchburg, Mass.

F. SAIL DUCK.
Ashland Mfg. Co., Baltimore, Md.
Atlantic Duck Co., Moodus, Conn.
Fitchburg Duck Mills, South Fitchburg, Mass.
Greenwood Co., New Hartford, Conn.
Wm. E. Hooper & Sons, 26 S. Frederick St., Baltimore, Md.
Mount Vernon Co., Baltimore, Md.
Woodbury Mfg. Co., Baltimore, Md.

3056. EIDER DOWN.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.

3057. ELASTIC GOODS.
Jas. J. Regan Mfg. Co., Rockville, Conn.
American Mills Co., Waterbury, Conn.
Bridgeport Elastic Web Co., Bridgeport, Conn.
Canfield Rubber Co., 73 Warren St., New York.
Franklin Co., Charlestown, Mass.
Glendale Elastic Fabric Co., Easthampton, Mass.
Howard Mfg. Co., Charlestown, Mass.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
Nashawannuch Mfg. Co., Easthampton, Mass.

3058. ELYSIANS.
Burlington, Winooski & Colchester Mills, 346 B'way, N. Y.

3059. EMBROIDERIES.
J. A. Dalrymple & Co., Haverhill, Mass.

3060. FANCY GOODS.
Arlington Mills, Lawrence, Mass.
Fisher Mfg. Co., Farnumsville, Mass.
Grinnell Mfg. Corporation, New Bedford, Mass.
Ponemah Mills, Norwich, Conn.
Slater Cotton Co., Pawtucket, R. I.

3061. FIBRE CLOTH.
American Hair Cloth Co., Pawtucket, R. I.

3062. FILTER CLOTH.
West Boylston Mfg. Co., Oakdale, Mass.

3063. FLANNELS.
Agawan Co., Agawan, Mass.
Barron Woolen Mills Co., Barron, Wis.
Belvidere Woolen Mfg. Co., Lowell, Mass.
James C. Billmyre, Martin, W. Va.
Theodore Bird, Bethlehem, Conn.
Buell Mfg. Co., St. Joseph, Mo.
C. F. Cain, Ontario, Ind.
Capital City Woolen Mills, Des Moines, Iowa.
J. Capps & Sons, Ltd., Jacksonville, Ill.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phila., Pa.
Cascade Woolen Mill, Oakland, Me.
Cedarburg Woolen Mills, Cedarburg, Wis.
Cheshire Mills, Harrisville, N. H.
Clarksburg Woolen Mills, Clarksburg, W. Va.
Cocheco Woolen Mfg. Co., East Rochester, N. H.
Danville Woolen Mills, Danville, Ill.
Davenport Woolen Mills Co., Davenport, Iowa.
Dexter Richards & Sons, Newport, N. H.
Dodge-Davis Mfg. Co., Bristol, N. H.
Eagle Woolen Mills Co., Brownsville, Ore.
Edgemont Woolen Mill Co., Edgemont, S. D.
J. D. Edwards & Co., Marion, Ill.
J. W. Evans, Waupaca, Wis.
Farnsworth Co., Lisbon Center, Me.
Faulkner & Colony Mfg. Co., Keene, N. H.
Faulkner Mills, Inc., Lowell, Mass.
Henry Fox & Co., Urbana, O.
Samuel Fox's Sons, La Porte, Ind.
French & Ward, Stoughton, Mass.
Geo. H. Gilbert Mfg. Co., Ware, Mass.
B. W. Gleason's Sons, Rock Bottom, Mass.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
Golden Gate Woolen Mfg. Co., San Francisco, Cal.

Goshen Woolen Mfg. Co., Goshen, Ind.
J. Gould & Son, Gouldsville, Vt.
Peter Graff & Co., Buffalo Mills, Pa.
Grand Forks Woolen Mills, Grand Forks, N. Y.
F. Gray Co., Piqua, O.
S. Greenwood & Son, Coatesville, Pa.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Hall Bros., Preston, Conn.
Stephen Hall, McLeansborough, Ill.
Hargraves Woolen Mill, North Shapleigh, Me.
W. B. Haxton & Co., Springdale, Ark.
W. P. Hewitt & Co., Menasha, Wis.
Jacksonville Woolen Mills, Jacksonville, Ill.
Jamestown Woolen Mills, Jamestown, N. Y.
Jefferson Woolen Mills, Jefferson, Wis.
M. A. Kent, Enosburg Falls, Vt.
John Lonsdale's Sons, Dale, Iowa.
Mascoma Flannel Co., Lebanon, N. H.
Jas. L. McClurken, Sparta, Ill.
Meek Bros., Bonaparte, Iowa.
Geo. Merritt & Co., Indianapolis, Ind.
Middlesex Co., Lowell, Mass.
Model Woolen Mill Co., Indianapolis, Ind.
Moore Mfg. Co., 240 Chestnut St., Philadelphia, Pa.
Napa Woolen Mill, Inc., Napa, Cal.
New Albany Woolen Mills, New Albany, Ind.
Newichawanick Co., South Berwick, Me.
Joseph Noone's Sons Co., Peterborough, N. H.
North Andover Mills, North Andover, Mass.
North Star Woolen Mill Co., Minneapolis, Minn.
Oregon City Mfg., Oregon City, Ore.
J. C. Parker & Co., Queechee, Vt.
M. T. Parkham & Sons, Marysville, Tenn.
J. R. & J. H. Perkins & Co., Riverhead, N. Y.
F. W. Pettigrew, Sioux Falls, S. D.
Pontoosuc Woolen Mfg. Co., Pittsfield, Mass.
Porter & Dickey, Norris & N. Howard Sts., Phila., Pa.
Post Falls Wool Mills Co., Post Falls, Idaho.
Provo Woolen Mills, Provo City, Utah.
C. W. Rockwell & Co., Rockwell's Mills, N. Y.
Ross Textile Mfg. Co., Madison Ind.
San Jose Woolen Mill Co., San Jose, Cal.
J. Schofield & Son, Madison, Ind.
Seymour Woolen Factory Co., Seymour, Ind.
Shuler & Benninghofen, Hamilton, O.
Slater Woolen Co., Webster, Mass.
Stevens & Co., Haverhill, Mass.
Stirling Mills, Lowell, Mass.
Stockton Woolen Mills, Stockton, Cal.
Stone, Atwood & Co., Flint, Mich.
C. H. & F. H. Stott, Stottville, N. Y.
Talbot Mills, North Bellerica, Mass.
Titus Flannel Co., Poughkeepsie, N. Y.
W. L. Wardell, Converse, Ind.
Waterloo-Woolen Mfg. Co., Waterloo, N. Y.
Wm. Whitfield & Co., Lanark, Ill.
W. Wood & Co., S.E.c.22d & Spring Garden Sts., Phila., Pa.
Worumbo Mfg. Co., Lisbon Falls, Me.
Yantic Woolen Co., Yantic, Conn.

A. COTTON FLANNELS.

Arasapha Mfg. Co., Chester, Pa.
Boston Duck Co., Bondsville, Mass.
Chicopee Mfg. Co., Chicopee Falls, Mass.
Eddystone Mfg. Co., 130 Chestnut St., Philadelphia, Pa.
Hamilton Mfg. Co., Lowell, Mass.
Andrew Howarth & Son, Oxford, Mass.
Laconia Co., Biddeford, Me.
Mississippi Mills, Wesson, Miss.
Nashua Mfg. Co., Nashua, N. H.
New Albany Woolen Mills, New Albany, Ind.
Jabez L. & T. D. Peck Mfg. Co., Pittsfield, Mass.
Pemberton Co., Lawrence, Mass.
A. Stevens & Co., Ware, Mass.
Tremont & Suffolk Mills, Lowell, Mass.
Windsor Co., North Adams, Mass.

B. DRESS FLANNELS.

American Woolen Co., Boston, Mass.
King & Fildes Co., La Porte, Ind.

Wm. Wood & Co., S.E.c.22d & Spring Garden Sts., Phil., P

C. LITHOGRAPH FLANNELS. Joseph Noone's Sons Co., Peterborough, N. H.

D. WOOL FLANNELS. Oliver Allen & Son, Mumford, N. Y.
Amana Society, Homestead, Iowa.
American Woolen Co., Boston, Mass.
E. K. & G. N. Anderson, Ashland, Ore.
Appleton Woolen Mills, Appleton, Wis.
Assabet Mfg. Co., Maynard, Mass.

3064. FLOCONNÉS. Worumbo Mfg. Co., Lisbon Falls, Me.

3065. FOULARDS. Cocheco Mfg. Co., Dover, N. H.
Andrew McLean Co., 460 Broome St., New York.
Windsor Co., North Adams, Mass.

3066. FRILLED GOODS. Kalamazoo Knitting Co., Milwaukee, Wis.
National Knitting Co., Milwaukee, Wis.

3067. FRILLS. Jos. Adamson & Co., 1652 Germantown Av., Phila., Pa.
American Mills Co., Waterbury, Conn.
Hub Gore Makers, 91 Bedford St., Boston, Mass.

A. ELASTIC FRILLS. Geo. S. Colton, Easthampton, Mass.
Crown Suspender Co., 841 Broadway, New York.
Franklin Co., Charlestown, Mass.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
Nashawannuck Mfg. Co., Easthampton, Mass.

3068. FRINGES. Hub Gore Makers, 91 Bedford St., Boston, Mass.
Hugo Maul & Co., 19 Bond St., New York.

A. CURTAIN FRINGES. John Bromley & Sons, N. Front & E. Dauphin Sts., Phil., P
Hamil & Booth Co., Paterson, N. J.
Wm. H. Horstmann Co., Cherry & N. 5th St., Phila., Pa.
Robert Lewis, Bridesburg, Philadelphia, Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Pioneer Silk Co., Paterson, N. J.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
James Thompson & Son, New York.

B. FURNITURE FRINGES. Schrack & Sherwood, 233 Market St., Philadelphia, Pa.

C. LINEN FRINGES. John Bromley & Sons, N. Front & E. Dauphin Sts., Phil., P
Wm. Horstmann Co., Cherry & N. 5th Sts., Philadelphia, P
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

D. RUG FRINGES. F. W. Maurer & Sons, 528 Cherry St., Philadelphia, Pa.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
Union Upholstery Trimming Co., 605 W. 36th St., N. Y.

E. SHADE FRINGES. Meriden Curtain Fixture Co., Meriden, Conn.

F. SHAWL FRINGES. John Gibb, 704 S. 5th St., Philadelphia, Pa.
Loeb, Lipper & Co., 219 N. Darien St., Philadelphia, Pa.

G. SILK FRINGES. Auerbach & Thompson, San Francisco, Cal.
Belding Bros. & Co., Inc., Belding, Mich.
A. Columbat, San Francisco, Cal.
S. Ellison & Son, 105 Greene St., New York.
A. B. Fiedler & Sons, Inc., 187 5th Av., Chicago, Ill.
Hertlien & Schlatter, 15 Mercer St., New York.
Higginbotham & Co., San Francisco, Cal.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Ludwig Mfg. Co., Jersey City, N. J.
E. L. Mansure Co., Chicago, Ill.
M. Seckel & Co., 13 Mercer St., New York.
Weinz Trimming Co., Boston, Mass.
Alfred Ziegler, 111 Chauncey St., Boston, Mass.

3069. FUR CLOTH. American Buffalo Robe Co., 1 Howell St., Buffalo, N. Y.

3070. FURNITURE COVERINGS.
Chauncey Tapestry Co., Chauncey, N. Y.
Oldham Mills, Paterson, N. J.
Peerless Plush Co., Paterson, N. J.
Schofield, Mason & Co., Philadelphia, Pa.
B. L. Solomon's Sons, 1012 Walnut St., Philadelphia, Pa.
Stead & Miller, N. 4th & Cambria Sts., Philadelphia, Pa.

3071. GAUZES. Cheney Bros., Inc., South Manchester, Conn.

3072. GIMPS. Astoria Silk Works, 60 Greene St., New York.
Wm. H. Horstmann & Sons, Cherry & N. 5th Sts., Phil., Pa
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Salt's Textile Mfg. Co., Bridgeport, Conn.
C. A. Schmidt Co., 54 Walker St., New York.

A. ADHESIVE GIMPS. Adhesive Gimp Co., Ltd., 401 E. 91st St., New York.

B. COTTON GIMPS. Eastlake Mfg. Co., 403 Orchard St., Philadelphia, Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

C. FURNITURE GIMPS. Adhesive Gimp Co., 401 E. 91st St., New York.
George Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa
East Lake Mfg. Co., 403 Orchard St., Philadelphia, Pa.
C. A. Schmidt, 54 Walker St., New York.

Union Upholstery Trimming Co., 607 W. 36th St., N. Y.
S. D. Wright & Co., 1019 N. Front St., Philadelphia, Pa.

D. SILK GIMPS.
Belle F. Barnard, Tottenville, Staten Island, N. Y.
A. S. Ellison & Co., 105 Greene St., New York.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
C. A. Schmidt, 54 Walker St., New York.
Alfred Ziegler, 111 Chauncey St., Boston, Mass.

E. UNDERTAKERS' GIMPS.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
S. D. Wright & Co., 1019 N. Front St., Philadelphia, Pa.

3073. GINGHAMS.
Amoskeag Mfg. Co., Manchester, N. H.
Arasapha Mfg. Co., Chester, Pa.
Barnaby Mfg. Co., Fall River, Mass.
Bates Mfg. Co., Lewiston, Me.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phil., Pa.
Samuel A. Crozer & Son, Upland, Pa.
John Culbertson & Sons, Hamilton & N. 22d St., Phila., Pa.
Eagle & Phenix Mills, Columbus, Ga.
D. W. C. Ellis & Co., 244 Chestnut St., Philadelphia, Pa.
Everett Mills, Lawrence, Mass.
Fort Mill Mfg. Co., Fort Mill, S. C.
Glasgow Mfg. Co., South Hadley Falls, Mass.
Gloucester Cotton Mills Co., Gloucester City, N. J.
Gwyn-Harper Mfg. Co., Paterson, N. J.
Highland Park Mfg. Co., Rockhill, S. C.
James H. Kerr, Huntingdon Av. & Kensington St., Phil., Pa.
Lancaster Mills, 40 Water St., Boston, Mass.
J. W. Lewis & Co., Chester, Pa.
Long Bros. Co., 203 Church St., Philadelphia, Pa.
Lorraine Mfg. Co., Pawtucket, R. I.
Manville Co., Manville, R. I.
McAden Mills, McAdensville, N. C.
Mississippi Mills, Wesson, Miss.
Odell Mfg. Co., Concord, N. C.
Parkhill Mfg. Co., Fitchburg, Mass.
Pee Dee Mfg. Co., Rochingham, N. C.
Renfrew Mfg. Co., Adams, Mass.
Wm. A. Slater Mills Corporation, Slatersville, R. I.
Springsteine Mills, Chester, S. C.
Whittenton Mfg. Co., Taunton, Mass.
York Mfg. Co., Saco, Me.

3074. GORING.
Bridgeport Elastic Web Co., Bridgeport, Conn.
Columbia Goring Co., 71 Field St., Brockton, Mass.
Dean, Chase & Co., 26 Lincoln St., Boston, Mass.
Glendale Elastic Fabrics Co., Easthampton, Mass.
Robert Harkinson & Co., 315 N. 2d St., Philadelphia, Pa.
Hub Gore Makers, 91 Bedford St., Boston, Mass.

3075. GRENADINES.
Cheney Bros., Inc., South Manchester, Conn.
Doherty & Wadsworth, Paterson, N. J.
Freeland Silk Mill Co., Freeland, Pa.
Hamil & Booth Co., Paterson, N. J.

3076. HAIR CLOTH.
American Hair Cloth Co., Pawtucket, R. I.
Geo. S. Cox & Bro., E. Cambria & Ormes Sts., Phila., Pa.
McKay Curtain Co., Wilmington, Del.
Pawtucket Hair Cloth Co., Pawtucket, R. I.
J. M. Schwehm & Sons, 13 E. Wister St., Philadelphia, Pa.

3077. HANDKERCHIEF CLOTH.
Berkshire Cotton Mfg. Co., Adams, Mass.

3078. HENRIETTAS.
H. N. Slater, Webster, Mass.

3079. HICKORY STRIPES.
Eagle & Phenix Mills, Columbus, Ga.
Muscogee Mfg. Co., Columbus, Ga.

3080. HOLLANDS.
Jos. Bancroft & Sons Co., Wilmington, Del.
Cushman Bros. & Co., 121 Kingston St., Boston, Mass.
Estate of Enos Lapham, Centerville, R. I.
Henry W. Greene & Co., 1716 Market St., Philadelphia, Pa.
Lonsdale Co., Providence, R. I.
Meriden Curtain Fixture Co., Meriden, Conn.
Slater Cotton Co., Pawtucket, R. I.

A. DADO HOLLANDS.
Minetto Shade Cloth Co., Oswego, N. Y.
Oswego Shade Cloth Co., Oswego, N. Y.
Richter Mfg. Co., Tenafly, N. J.

3081. HOP CLOTH.
Washington State Penitentiary, Walla Walla, Wash.

3082. JACONETS.
H. N. Slater, Webster, Mass.

3083. JEANS.
Alcorn Woolen Mfg. Co., Corinth, Miss.

Amana Society, Homestead, Iowa.
Amory Mfg. Co., Manchester, N. H.
Androscoggin Mills, Lewiston, Me.
Athens Mfg. Co., Athens, Ga.
Carthage Woolen Mills Co., Carthage, Mo.
Claredon Mills, West Boylston, Mass.
Davenport Wooien Mills Co., Davenport, Iowa.
Eagle & Phenix Mills, Columbus, Ga.
Evansville Woolen Mill Co., Evansville, Ind.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Henderson Woolen Mills Co., Henderson, Ky.
Hoosier Mfg. Co., Fort Wayne, Ind.
Knoxville Woolen Mills, Inc., Knoxville, Tenn.
Jas. Lees & Sons Co., Bridgeport, Pa.
John Lonsdale's Sons, Dale, Iowa.
Mayfield Woolen Mills, Mayfield, Ky.
Meek Bros., Bonaparte, Iowa.
Mississippi Mills, Wesson, Miss.
Nashville Woolen Mill Co., Nashville, Tenn.
New Albany Woolen Mills, New Albany, Ind.
M. T. Parkham & Sons, Marysville, Tenn.
Park Woolen Mills, Rossville, Ga.
Provo Woolen Mills Co., Provo City, Utah.
Reynolds Mfg. Co., Davisville, R. I.
Rhodes Bros., Ltd., Aston Mills, Pa.
Rodman Mfg. Co., Lafayette, R. I.
Seymour Woolen Factory Co., Seymour, Ind.
Shaw, Esrey & Co., Ltd., Chester, Pa.
Slayden-Kirksey Woolen Mills, Waco, Tex.
Tennessee Woolen Mills, McMinnville, Tenn.

A. CORSET JEANS.
Amory Mfg. Co., Manchester, N. H.
Androscoggin Mills, Lewiston, Me.
Laconia Co., Biddeford, Me.
Pepperell Mfg. Co., Biddeford, Me.

B. COTTON JEANS.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Henrietta Mills, Henrietta, N. C.
Pepperell Mfg. Co., Biddeford, Me.

C. KENTUCKY JEANS.
Henry W. Barret & Co., Louisville, Ky.
Brower & Love Bros., Indianapolis, Ind.
Falk City Jeans & Woolen Co., Louisville, Ky.
Geo. C. McFarland Co., Gulf Mills, Pa.
Old Kentucky Woolen Mills Co., Inc., Louisville, Ky.

3084. JERSEY CLOTH.
American Woolen Co., Boston, Mass.
Draper Bros. Co., Canton, Mass.
Dunchain Hosiery Co., Naugatuck, Conn.
John E. Hanifen & Co., Thompson & Savery Sts., Phila., Pa.
Knitted Fabrics Co., Methuen, Mass.
A. S. Morrison & Bros., Braintree, Mass.

A. SILK JERSEY CLOTH.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
Starin Silk Fabric Co., Fultonville, N. Y.

3085. JUTE CLOTH.
Lamont & Robertson, Paterson, N. J.
Neville & Co., 51 California St., San Francisco, Cal.

3086. KERSEYS.
American Mills Co., Rockville, Conn.
Ashland Mfg. Co., Baltimore, Md.
James C. Billmyre, Martin, W. Va.
Blackinton Co., Blackinton, Mass.
Bonsack Bros., Bonsack's, Va.
Charlottesville Woolen Mills, Columbus, Ga.
Eagle & Phenix Mills, Columbus, Ga.
Hillsborough Woolen Mill Co., Hillsboro Bridge, N. H.
Holstein Woolen Co., Salem, Va.
Madison Woolen Co., Madison, Me.
Massachusetts Reformatory, Concord, Mass.
Muscogee Mfg. Co., Columbus, Ga.
New Albany Woolen Mills, New Albany, Ind.
Sanford Mills, Sanford, Me.
Schofield, Mason & Co., Cumberland & N. Fairhill, Phil., Pa.
Slater Woolen Co., Webster, Mass.
Worumbo Mfg. Co., Lisbon Falls, Me.

A. ELASTIC KERSEYS.
Hub Gore Makers, 91 Bedford St., Boston, Mass.

3087. KNIT GOODS.
Everett Knitting Works, Lebanon, N. Y.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
James Holroyd, Albany, N. Y.
Jas. Hunter Machine Co., North Adams, Mass.
Oneida Community, Oneida, N. Y.

L. J. Rossman, Stockport, N. Y.
Swits Conde Co., Oswego, N. Y.

3088. LACINGS.

A. CORSET LACES.
Geo. S. Colton, Easthampton, Mass.
Fletcher Mfg. Co., Providence, R. I.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Schloss & Sons, 556 Broadway, New York.

B. SHOE LACES.
American Porpoise Lace Co., Newark, N. J.
Ansonia O. & C. Co., Ansonia, Conn.
Dibble & Warner, Easthampton, Mass.
Fletcher Mfg. Co., Providence, R. I.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Frank W. Whitcher & Co., Boston, Mass.

3089. LADIES' CLOTH.
American Woolen Co., Boston, Mass.
J. Capps & Sons, Jacksonville, Ill.
Slater Woolen Co., Webster, Mass.

3090. LADIES' DRESS SUITINGS.
Franklin Glazier & Sons, South Glastonbury, Conn.

3091. LAWNS.
Berkshire Cotton Mfg. Co., Adams, Mass.
Continental Mills, Lewiston, Me.
King Philip Mills, Fall River, Mass.
Manville Co., Manville, R. I.
H. N. Slater, Webster, Mass.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Totokett Mills, Norwich, Conn.
Wamsutta Mills, New Bedford, Mass.
Windsor Co., North Adams, Mass.

3092. LENOS.
Slater Cotton Co., Pawtucket, R. I.

3093. LINENS.
Berkshire Cotton Mfg. Co., Adams, Mass.
Falls Company, Norwich, Conn.
Moore Mfg. Co., 240 Chestnut St., Philadelphia, Pa.

A. LINEN CLOTH FOR MACHINERY.
Joseph Noone's Sons Co., Peterborough, N. H.

3094. LININGS.
French & Ward, Stoughton, Mass.
Irving Mfg. Co., New Brighton, N. Y.
I. E. Palmer, Middletown, Conn. *33
H. N. Slater, Webster, Mass.

A. COAT LININGS.
John G. Carruth & Co., E. Indiana & Rosehill Sts., Phil., Pa.

B. CRINOLINE LININGS.
Arrowanna Mills, Middletown, Conn.
Andrew McLean & Co., Passaic, N. J.
I. E. Palmer, Middletown, Conn. *33

C. FLEECE GLOVE LININGS.
Charles E. Radcliffe, Long Hill, Conn.

D. MILLINERY LININGS.
Andrew McLean & Co., Passaic, N. J.

E. ROBE LININGS.
L. C. Chase & Co., 129 Washington St., Boston, Mass.

F. RUBBER SHOE LININGS.
Dunham Hosiery Co., Naugatuck, Conn.
Lawrence Felting Co., Millville, Mass.

G. SILK LININGS.
Belding Bros. & Co., Belding, Mich.
Brainerd & Armstrong Co., 841 Broadway, New York.
L. D. Brown & Son Co., Middletown, Conn.
Clark Fabric Co., Sidney, N. Y.
Enterprise Silk Co., Paterson, N. J.
Landru Silk Mill, Guttenburg, N. J.
Andrew McLean & Co., Passaic, N. J.
New Jersey Silk Co., Paterson, N. J.
Wm. Skinner Mfg. Co., Holyoke, Mass.

3095. LINSEYS.
Alcorn Woolen Mfg. Co., Corinth, Miss.
Robert Dallas, Oxford & Josephine Sts., Philadelphia, Pa.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Long Bros. Co., 203 Church St., Philadelphia, Pa.
M. T. Parkham & Sons, Marysville, Tenn.
Park Woolen Mills, Rossville, Ga.
Porter & Dickey, Norris & N. Howard Sts., Phila., Pa.
Tennessee Woolen Mills, McMinnville, Tenn.

3096. MADRAS.
Windsor Co., North Adams, Mass.

3097. MANGLE CLOTH.
Joseph Noone's Sons Co., Peterborough, N. H.

3098. MELTONS.
Albany Woolen Mills, Albany, Ore.
American Mills Co., Rockville, Conn.
Auburn Woolen Co., Auburn, N. Y.
Charlottesville Woolen Mills, Charlottesville, Va.
Crawford & Tyler, North Dana, Mass.
South Bend Woolen Co., South Bend, Ind.
Worumbo Mfg. Co., Lisbon Falls, Me.

3099. MERINO, WOOLEN.
A. Platt & Son, Main & Walnut Lane, Philadelphia, Pa.

3100. MOMIE CLOTH.
Fitchburg Worsted Co., Fitchburg, Mass.
King Philip Mills, Fall River, Mass.

Slater Cotton Co., Pawtucket, R. I.
Wamsutta Mills, New Bedford, Mass.

3101. MOSQUITO NETTING. Arrowana Mills, Middletown, Conn.
Andrew McLean Co., Passaic, N. J.
I. E. Palmer, Middletown, Conn. *33
James Thompson & Co., Valley Falls, N. Y.
Williams & Crudup, Meriden, Conn.

A. MOSQUITO BARS. I. E. Palmer, Middletown, Conn. *33
Williams & Crudup, Meriden, Conn.

B. SAND FLY NETTING. I. E. Palmer, Middletown, Conn. *33

3102. MOURNING PRINTS. Harmony Mills Co., Cohoes, N. Y.
Pacific Mills, Lawrence, Mass.

3103. MULTIPLE CLOTH. American Multiple Fabric Co., Olmville, R. I.
Greenwoods Co., New Hartford, Conn.

3104. MUSLINS. Berkshire Cotton Mfg. Co., Adams, Mass.
King Philip Mills, Fall River, Mass.
Slater Cotton Co., Pawtucket, R. I.
Wamsutta Mills, New Bedford, Mass.

3105. NAINSOOKS. Berkshire Cotton Mfg. Co., Adams, Mass.
Slater Cotton Co., 49 Church St., Pawtucket, R. I.

3106. NANKEENS. John Farnum & Co., Lancaster, Pa.

3107. NAPPED COTTON FABRICS.

Wilmington Cotton Mills, Wilmington, N. C.

3108. ORGANDIES. Berkshire Cotton Mfg. Co., Adams, Mass.

3109. OSNABURGS. Robert Dallas, Oxford & Josephine Sts., Philadelphia, Pa.
Ettrick Mfg. Co., Petersburg, Va.
Home Cotton Mills Co., 601 S. 4th St., St. Louis, Mo.
Lane Mills, New Orleans, La.
Mississippi Mills, Wesson, Miss.
Princeton Mfg. Co., Athens, Ga.
Riverdale Cotton Mills, West Point, Ga.
Tombigbee Mills, Columbus, Miss.
West Point Mfg. Co., West Point, Ga.

A. COTTON OSNABURGS. Samuel A. Crozer & Son, Upland, Pa.
Robert Dallas, Frankford, Pa.
Eagle & Phenix Mfg. Co., Columbus, Ga.
Lane Mills, New Orleans, La.
Maginnis Cotton Mills, Inc., New Orleans, La.
Tennessee Mfg. Co., Nashville, Tenn.
Tombigbee Mills, Columbus, Miss.

3110. OVERCOATINGS. American Woolen Co., Boston, Mass.
Boundbrook Woolen Mills, Boundbrook, N. J.
Broad Brook Co., Hartford, Conn.
Charlottesville Woolen Mills, Charlottesville, Va.
John & Jas. Dobson, 1003 Filbert St., Philadelphia, Pa.
Forest Mills Co., Bridgeton, Me.
Germania Mills, Holyoke, Mass.
Harris Woolen Co., Woonsocket, R. I.
Hillsborough Woolen Mills, Hillsboro Bridge, N. H.
E. Kenyon & Sons, Shannock, R. I.
Geo. H. Kunhardt, Lawrence, Mass.
Merrimack Woolen Mills Co., Dracut, Mass.
Middlesex Co., Lowell, Mass.
Montville Woolen Co., Montville, Conn.
F. Muhlhauser Co., Cleveland, O.
Raritan Woolen Mills, Raritan, N. J.
Rawister & Bro., Stafford Springs, Conn.
Slater Woolen Co., Webster, Mass.
Somerset Mfg. Co., Raritan, N. J.
South Bend Woolen Co., South Bend, Ind.
Wanskuk Co., Providence, R. I.
Washington Mills Co., Lawrence, Mass.

3111. PERCALES. Gilbert Mfg. Co., 380 Broadway, New York.
Grinnel Mfg. Corporation, New Bedford, Mass.
Ponemah Mills, Norwich, Conn.
Slater Cotton Co., Pawtucket, R. I.
Windsor Co., North Adams, Mass.

3112. PERCALINES. H. N. Slater, Webster, Mass.

3113. PIANO CLOTH. Joseph Noone's Sons Co., Peterborough, N. H.
I. E. Palmer, Middletown, Conn. *33

3114. PILLOW CASES. Mohawk Valley Cotton Mills, Utica, N. Y.
Utica Steam Cotton Mills, Utica, N. Y.

3115. PLAIDS, COTTON. Ashville Cotton Mills, Ashville, N. C.
Athens Mfg. Co., Athens, Ga.
Brookside Mills, Inc., Knoxville, Tenn.

Catawba Electric Power Co., Mountain Island, N. C.
Samuel H. Crozer & Son, Upland, Pa.
Eagle & Phenix Mills, Columbus, Ga.
Elmira Cotton Mill Co., Burlington, N. C.
Granite Mfg. Co., Haw River, N. C.
Griffin Mfg. Co., Griffin, Ga.
Gwyn-Harper Mfg. Co., Patterson, N. C.
J. H. & W. E. Holt & Co., Burlington, N. C.
R. L. & J. H. Holt, Jr., Burlington, N. C.
W. E. & J. H. Holt Co., Burlington, N. C.
Lawrence S. Holt & Sons, Burlington, N. C.
Thos. M. Holt Mfg. Co., Haw River, N. C.
E. M. Holt Plaid Mills, Burlington, N. C.
Huguenot Mills, Greenville, S. C.
King Philip Mills, Fall River, Mass.
J. W. Lewis & Co., Chester, Pa.
Manville Co., Manville, R. I.
McAden Mills, McAdensville, N. C.
Mississippi Mills, Wesson, Miss.
Muscogee Mfg. Co., Columbus, O.
Naomi Falls Mfg. Co., Randleman, N. C.
Odell Mfg. Co., Concord, N. C.
Pee Dee Mfg. Co., Rockingham, N. C.
Randleman Mfg. Co., Randleman, N. C.
Riverside Cotton Mills, Danville, Va.
Roberdel Mfg. Co., Rockingham, N. C.
Sibley Mfg. Co., Augusta, Ga.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Swift Mfg. Co., Columbus, Ga.
Tennessee Mfg. Co., Nashville, Tenn.
Worth Mfg. Co., Worthville, N. C.
York Mfg. Co., Saco, Me.

A. HEAVY PLAIDS. Roberdel Mfg. Co., Rockingham, N. C.

3116. PLAITINGS. Kursheedt Mfg. Co., 356 W. Broadway, New York.

3117. PLUSH. Astoria Silk Works, Long Island City, N. Y.
J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
Cheney Bros., Inc., South Manchester, Conn.
John & Jas. Dobson, 1003 Filbert St., Philadelphia, Pa.
Samuel Fitch & Sons Co., Rockville, Conn.
Majestic Velvet Mills, Hoboken, N. J.
Peerless Plush Mfg. Co., Paterson, N. J.
Salt's Textile Mfg. Co., Bridgeport, Conn.
Tingue Mfg. Co., Seymour, Conn.
Unicorn Silk Mfg. Co., Catasauqua, Pa.

A. CAP PLUSH. Hind & Harrison Plush Co., Clark Mills, N. Y.

B. CAR PLUSH. D. Goff & Sons, Pawtucket, R. I.
Sanford Mills, Sanford, Me.

C. COTTON UPHOLSTERY PLUSH. Hind & Harrison Plush Co., Clark Mills, N. Y.
Salt's Textile Mfg. Co., Bridgeport, Conn.

D. LINEN PLUSH. J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.

E. MOHAIR PLUSH. American Woolen Co., Boston, Mass.
J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
D. Goff & Sons, Pawtucket, R. I.
James J. Regan Mfg. Co., Rockville, Conn.
Salt's Textile Mfg. Co., Bridgeport, Conn.
Tingue Mfg. Co., Seymour, Conn.

F. MOHAIR UPHOLSTERY PLUSH. American Woolen Co., Boston, Mass.
James J. Regan, Rockville, Conn.
Sanford Mills, Sanford, Me.
Tingue Mfg. Co., Seymour, Conn.

G. SEAL PLUSH. Hind & Harrison Plush Co., Clark Mills, N. Y.
Salt's Textile Mfg. Co., Bridgeport, Conn.

H. SILK CLOAK PLUSH. J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
Cheney Bros., Inc., South Manchester, Conn.
Hind & Harrison Plush Co., Clark Mills, N. Y.
Peerless Plush Mfg. Co., Paterson, N. J.
Salt's Textile Mfg. Co., Bridgeport, Conn.
Tingue Mfg. Co., Seymour, Conn.
Wahnetah Silk Co., Catasauqua, Pa.

I. SILK MILLINERY PLUSH. Salt's Textile Mfg. Co., Bridgeport, Conn.

J. SILK UPHOLSTERY PLUSH. Cheney Bros., Inc., South Manchester, Conn.
John & Jas. Dobson, 1003 Filbert St., Philadelphia, Pa.
Peerless Plush Mfg. Co., Paterson, N. J.
Salt's Textile Mfg. Co., Bridgeport, Conn.
R. & H. Simon, Town of Union, N. J.

Tingue Mfg. Co., Seymour, Conn.

K. WORSTED PLUSH.

J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
D. Goff & Sons, Pawtucket, R. I.
Daniel Lees, Lenni Mills, Pa.

3118. PONGEES.

Cheney Bros., Inc., South Manchester, Conn.

3119. PRINT CLOTH.

Allen's Print Works, Providence, R. I.
American Linen Co., Fall River, Mass.
American Printing Co., Fall River, Mass.
Arcadia Co., Arcadia, R. I.
Arnold Paint Works, North Adams, Mass.
Barnard Mfg. Co., Fall River, Mass.
Bernon Mills, Georgiaville, R. I.
Blackstone Mfg. Co., Blackstone, Mass.
Boott Cotton Mills, Lowell, Mass.
Richard Borden Mfg. Co., Fall River, Mass.
Border City Mfg. Co., Fall River, Mass.
Bristol Mfg. Co., New Bedford, Mass.
Burlington Cotton Mills, Burlington, Vt.
Chace Mills, Fall River, Mass.
China Mfg. Co., Suncook, N. H.
Crompton Co., Warwick, R. I.
Durfee Mills, Fall River, Mass.
Eagle Mill Co., Taunton, Mass.
Eddystone Mfg. Co., 130 Chestnut St., Philadelphia, Pa.
Edwards Mfg. Co., Augusta, Me.
Fall River Iron Works Co., Fall River, Mass.
Fall River Manufactory, Fall River, Mass.
Fiskdale Mills, Fiskdale, Mass.
Garner & Co., 10 Worth St., New York.
Hamilton Mfg. Co., Lowell, Mass.
Hamilton Woolen Co., 18 Post Office Square, Boston, Mass.
Harmony Mills, Cohoes, N. Y.
Hookset Mills, Hookset, N. H.
B. B. & R. Knight, Fiskerville, R. I.
Laurel Mills, Fall River, Mass.
Manchester Mills, Manchester, N. H.
Mechanics' Mills, Fall River, Mass.
Merrimack Mfg. Co., Lowell, Mass.
Millbury Cotton Mills, Millbury, Mass.
Narragansett Mills, Fall River, Mass.
Nashua Mfg. Co., Nashua, N. H.
Natick Mills, River Point, R. I.
New Market Mfg. Co., New Market, N. H.
Nichols & Langworthy Machine Co., Hope Valley, R. I.
Nottingham Mills, Providence, R. I.
Osborn Mills, Inc., Fall River, Mass.
Pacific Mills, Lawrence, Mass.
Passaic Print Works, 309 Broadway, New York.
Pembroke Mills, Suncook, N. H.
Ponemah Mills, Norwich, Conn.
Quidnick Mfg. Co., Coventry, R. I.
Richmond Mfg. Co., Bristol, R. I.
Robeson Mills, Fall River, Mass.
Rochester Cotton Mill, Rochester, N. Y.
Alex. Ross, Sherburne, N. Y.
Sagamore Mfg. Co., Fall River, Mass.
Shore Mills, Fall River, Mass.
Slade Mills, Fall River, Mass.
Stafford Mills, Fall River, Mass.
Tecumseh Mills, Fall River, Mass.
Union Cotton Mfg. Co., Fall River, Mass.
United States Cotton Co., Central Falls, R. I.
Van Alen Cotton Mills, Stuyvesant Falls, N. Y.
Wampanoag Mills, Fall River, Mass.
Webster Mfg. Co., Suncook, N. H.
Weetmore Mills, Fall River, Mass.
Windsor Co., North Adams, Mass.

3120. QUILTS.

Allendale Co., Providence, R. I.
Bates Mfg. Co., Lewiston, Me.
Blatner Bros., Albany, N. Y.
Brighton Mills, Inc., 536 W. 23d St., New York.
Chicopee Mfg. Co., Chicopee Falls, Mass.
Clarendon Mills, West Boylston, Mass.
Monadnock Mills, Claremont, N. H.
Muscogee Mfg. Co., Columbus, Ga.
Palmer Bros., Montville, Conn.

Rumpf Bros., Jr., & Witty, Huntingdon & Hancock, Phil., Pa.
Swift Mfg. Co., Columbus, Ga.

A. CROCHET QUILTS.
Avon Mfg. Co., Lewiston, Me.
Monument Mills,, Housatonic, Mass.
Riverdale Cotton Mills, Great Barrington, Mass.

B. MARSEILLES QUILTS.
Avon Mfg. Co., Lewiston, Me.
Monument Mills, Housatonic, Mass.
Riverdale Cotton Mills, Great Barrington, Mass.

3121. REPELLENTS.
Carter & Rogers, Leban, N. H.
Clinton Mills Co., Norwich, Conn.
Fairbanks & Dorr, Guild, N. H.
Forest Mills Co., Bridgton, Me.
John Lonsdale's Sons, Dale, Iowa.
Provo Woolen Mills, Provo City, Utah.
Rawister & Bro., Stafford Springs, Conn.
Robinson Mfg. Co., Oxford, Me.
G. Sidenberg & Co., 49 Mercer St., New York.

3122. RIBBONS.
Ashley & Bailey, Paterson, N. J.
W. Strange Co., Paterson, N. J.

A. CIGAR RIBBONS.
Jacob New, 87 Greene St., New York.
Pelgram & Meyer, 115 Spring St., New York.
Wm. Wicke Co., 530 1st Av., New York.
Chas. Wolff & Co., 62 Greene St., New York.

B. GAUZE RIBBONS.
Johnson, Cowdin & Co., Paterson, N. J.

C. SILK RIBBONS.
A. & S. Blumenthal, 10 Greene St., New York.
Castle Silk Co., Avondale, N. J.
Cheney Bros., Inc., South Manchester, Conn.
Dexter, Lambert & Co., Paterson, N. J.
Doherty & Wadsworth, Paterson, N. J.
John Erskine & Co., Town of Union, N. J.
Fichter & Martin, Bethlehem, Pa.
Frank & Dugan, Paterson, N. J.
Hamil & Booth Co., Paterson, N. J.
Helvetia Silk Mill, Paterson, N. J.
Johnson, Cowdin & Co., Paterson, N. J.
Lakeview Ribbon Co., Lakeview, N. J.
Ernest & Herman Levy, 53 Greene St., New York.
Joseph Loth & Co., 65 Greene St., New York.
Meading Mfg. Co., Paterson, N. J.
Miesch Mfg. Co., Paterson, N. J.
Jacob New, 87 Greene St., New York.
Paterson Ribbon Co., Paterson, N. J.
Pelgram & Meyers, Paterson, N. J.
Phoenix Mfg. Co., Paterson, N. J.
Pioneer Silk Co., Paterson, N. J.
Rhenania Mills, 109 Summer St., Providence, R. I.
R. & H. Simon, Town of Union, N. J.
Smith & Kaufmann, 102 Prince St., New York.
Wm. Strange Co., Paterson, N. J.
Sundheimer Bros., 93 Greene St., New York.
P. W. Turner & Co., Turnersville, Conn.
Werner, Itschner & Co., 2638 N. Hutchinson St., Phila., Pa.
Chas. Wolff & Co., 62 Greene St., New York.

3123. ROLLER CLOTH.
Joseph Noone's Sons Co., Peterborough, N. H.

3124. SACKINGS.
Cascade Woolen Mills, Oakland, Me.
Neville & Co., 51 California St., San Francisco, Cal.
Talbot Mills, North Billerica, Mass.

3125. SATEENS.
Acushnet Mills Corporation, New Bedford, Mass.
Amory Mfg. Co., Manchester, N. H.
Ashland Cotton Co., Jewett City, Conn.
Attawangan Co., Dayville, Conn.
Barnard Mfg. Co., Fall River, Mass.
Berkshire Cotton Mfg. Co., Adams, Mass.
Briggs Mfg. Co., Voluntown, Conn.
Clarendon Mills, West Boylston, Mass.
Conanicut Mills, Fall River, Mass.
Continental Mills, Lewiston, Me.
Dyerville Mfg. Co., Providence, R. I.
Eddystone Mfg. Co., 130 Chestnut St., Philadelphia, Pa.
Gilbert Mfg. Co., 380 Broadway, New York.
Grinnell Mfg. Corporation, New Bedford, Mass.
King Philip Mills, Fall River, Mass.
Lanett Cotton Mills, West Point, Ga.
Lonsdale Co., Providence, R. I.
Manville Co., Manville, R. I.
C. J. Milne & Sons, 11th St. & Wash'n Av., Philadelphia, Pa.

Narragansett Mills, Fall River, Mass.
Naumkeag Steam Cotton Co., Salem, Mass.
Pocasset Mfg. Co., Fall River, Mass.
Potomska Mills Corporation, New Bedford, Mass.
S. M. Schwab, Jr., & Co., 46 White St., New York.
H. N. Slater, Webster, Mass.
Slater Cotton Co., 49 Church St., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Wamsutta Mills, New Bedford, Mass.
Warren Mfg. Co., Warren, R. I.

3126. SATINETS.
Agawam Co., Agawam, Mass.
Theo. Bird, Bethlehem, Conn.
L. B. Butler, Cherry Valley, Mass.
Capron Woolen Co., Uxbridge, Mass.
E. W. Chapin Co., Chapinsville, Mass.
Crawford & Tyler, North Dana, Mass.
Curtis Mfg. Co., Worcester, Mass.
A. G. Dewey Co., Quechee, Vt.
Dufton Bros., Spencer, Mass.
Eagle Woolen Mills, Athol, Mass.
Henry Fox & Co., Urbana, O.
W. E. Hayward & Co., East Douglas, Mass.
Hopeville Mfg. Co., Worcester, Mass.
Jefferson Mfg. Co., Jefferson, Mass.
Meek Bros., Bonaparte, Iowa.
Miller River Mfg. Co., Athol, Mass.
M. T. Parkham & Sons, Marysville, Tenn.
Jabez L. & T. B. Peck Mfg. Co., Pittsfield, Mass.
Taft, Murdoch & Co., Caryville, Mass.
Vernon Woolen Co., Vernon, Conn.
Windsor Co., North Adams, Mass.

3127. SATINS.
Cheney Bros., Inc., South Manchester, Conn.
Hamil & Booth Co., Paterson, N. J.
Lanett Cotton Mills, West Point, Ga.
Richardson Silk Co., Belding, Mich.
Wm. Skinner Mfg. Co., Holyoke, Mass.
John Stearns & Co., 68 Greene St., New York.

3128. SEERSUCKERS.
Bates Mfg. Co., Lewiston, Me.
Glasgow Mfg. Co., South Hadley Falls, Mass.
Hope Mills Mfg. Co., Philadelphia, Pa.
Palmer Mills, Palmer, Mass.
Slater Cotton Co., Pawtucket, R. I.

3129. SERGES.
Atlantic Mills, Providence, R. I.
Cheney Bros., Inc., South Manchester, Conn.
Eddystone Mfg. Co., 130 Chestnut St., Philadelphia, Pa.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
Riverside Worsted Mills, Providence, R. I.

3130. SERGINES.
Palmer Mills, Palmer, Mass.

3131. SHADE CLOTH.
Atlantic Window Shade Co., Newark, N. J.
C. W. Clark, Philadelphia, Pa.
Henry T. Free & Co., 956 N. 2d St., Philadelphia, Pa.
Henry W. Green & Co., 1716 Market St., Philadelphia, Pa.
Hees, McFarland & Co., Detroit, Mich.
Meriden Curtain Fixture Co., Meriden, Conn.
Minetto Shade Cloth Co., Minetto, N. Y.
Opaque Shade Cloth Co., West Pullman, Ill.
Oswego Shade Cloth Co., Oswego, N. Y.
Richter Mfg. Co., Tenafly, N. J.
J. C. Wemple Co., 37 E. 20th St., New York.

A. FELT SHADE CLOTH.
Opaque Shade Cloth Co., West Pullman, Ill.

3132. SHEETINGS, COTTON.
Acushnet Mills Corporation, New Bedford, Mass.
Amory Mfg. Co., Manchester, N. H.
Anderson Cotton Mills, Anderson, S. C.
Androscoggin Mills, Lewiston, Me.
Anniston Mfg. Co., Anniston, Ala.
Appleton Co., Lowell, Mass.
Arista Mills, Salem, N. C.
Ashland Co., Box 196, Providence, R. I.
Athens Mfg. Co., Athens, Ga.
Atlanta Cotton Mills, Atlanta, Ga.
Atlantic Cotton Mills, Lawrence, Mass.
Aurora Cotton Mills, Aurora, Ill.
Barker Mill, Auburn, Me.
Bates Mfg. Co., Lewiston, Me.
Beaver Creek & Bluff Mills, Fayetteville, N. C.

Beaver Dam Cotton Mills, Beaver Dam, Wis.
Blackstone Mfg. Co., Blackstone, Mass.
Boott Cotton Mills, Lowell, Mass.
Boston Mfg. Co., Waltham, Mass.
Bowen, Jewell & Co., Jewell's, Ga.
Bozrahville Co., Bozrahville, Conn.
Brookside Mills, Inc., Knoxville, Tenn.
Cabot Mfg. Co., Brunswick, Me.
Cannon Mfg. Co., Concord, N. C.
Central Mills Co., Southbridge, Mass.
Chadwick's Mills Cotton Co., Chadwick's, N. Y.
Chicopee Mfg. Co., Chicopee Falls, Mass.
Clarendon Mills, West Boylston, Mass.
Clifton Mfg. Co., Clifton, S. C.
Clinton Mfg. Co., Woonsocket, R. I.
Columbia Cotton Mills Co., Columbia, Tenn.
Conanicut Mills, Fall River, Mass.
Continental Mills, Lewiston, Me.
D. E. Converse & Co., Glendale, S. C.
Crown Cotton Mills, Dalton, Ga.
Darlington Mfg. Co., Darlington, S. C.
Durham Cotton Mfg. Co., East Durham, S. C.
Dwight Mfg. Co., Chicopee, Mass.
Dyerville Mfg. Co., Providence, R. I.
Eagle & Phenix Mfg. Co., Columbus, Ga.
Eagle Cotton Mills Co., Madison, Ind.
Enterprise Mfg. Co., Augusta, Ga.
Ettrick Mfg. Co., Petersburg, Va.
Evansville Cotton Mfg. Co., Inc., Evansville, Ind.
Exeter Mfg. Co., Exeter, N. H.
John Farnum & Co., Lancaster, Pa.
Farwell Mills, Lisbon, Me.
Forestdale Mfg. Co., North Smithfield, R. I.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Galveston City Cotton Mills, Galveston, Tex.
Jas. S. Gary & Son, Alberton, Md.
Graniteville Mfg. Co., Graniteville, S. C.
Great Falls Mfg. Co., Rockingham, N. C.
Great Falls Mfg. Co., Somersworth, N. H.
Griffin Mfg. Co., Griffin, Ga.
Grinnell Mfg. Corporation, New Bedford, Mass.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Hamilton Woolen Co., Boston, Mass.
L. M. Harris Mfg. Co., Oakdale, Mass.
Henderson Cotton Mills, Henderson, Ky.
Henrietta Mills, Henrietta, N. C.
Hill Mfg. Co., Lewiston, Me.
Home Cotton Mills Co., 601 S. 4th St., St. Louis, Mo.
Hookset Mills, 32 Equitable Bldg., Boston, Mass.
Hope Co., Hope, R. I.
Hutcheson Mfg. Co., Banning, Ga.
Indiana Cotton Mills Co., Camelton, Ind.
Indian Head Mills of Alabama, Cordova, Ala.
Iroquois Bag & Oil Co., Springfield, Mass.
Jackson Co., Nashua, N. H.
King Philip Mills, Fall River, Mass.
John P. King Mfg. Co., Augusta, Ga.
Laconia Co., Biddeford, Me.
Lane Mills, New Orleans, La.
W. Lanett Cotton Mills, West Point, Ga.
Langley Mfg. Co., Langley, S. C.
Laurel Mills, 9 W. German St., Baltimore, Md.
Lawrence Mfg. Co., Lowell, Mass.
Lippitt Co., Phenix, R. I.
Lockwood Co., Waterville, Me.
Lonsdale Co., Lincoln, R. I.
Maginnis Cotton Mills, Inc., New Orleans, La.
Massachusetts Cotton Mills, Lowell, Mass.
Matoaca Mfg. Co., Petersburg, Va.
May's Landing Water Power Co., May's Landing, N. J.
Millville Mfg. Co., Millville, N. J.
Mississippi Mills, Wesson, Miss.
Mohawk Valley Cotton Mills, Utica, N. Y.
Monadnock Mills, Claremont, N. H.
Monohansett Mfg. Co., Putnam, Conn.
Morse Mills, Putnam, Conn.

Nashua Mfg. Co., Nashua, N. H.
Natchez Cotton Mills Co., Natchez, Miss.
Naumkeag Steam Cotton Co., Salem, Mass.
New Albany Woolen Mills, New Albany, Ind.
Newberry Cotton Mills, Newberry, S. C.
New Market Mfg. Co., New Market, N. H.
New York Mills, New York Mills, N. Y.
Nightingale Mills, Putnam, Conn.
Odell Mfg. Co., Concord, N. C.
Pacolet Mfg. Co., Pacolet, S. C.
Peabody Mills, Newburyport, Mass.
Pelzer Mfg. Co., Pelzer, S. C.
Pepperell Mfg. Co., Biddeford, Me.
Piedmont Mfg. Co., Piedmont, S. C.
Pocasset Mfg. Co., Fall River, Mass.
Powhatan Mills, Putnam, Conn.
Putnam Mfg. Co., Putnam, Conn.
Quinebaug Co., Danielson, Conn.
Ray Cotton Co., Woonsocket, R. I.
Reedy River Mfg. Co., Reedy River Factory, S. C.
Riverside Cotton Mills, Danville, Va.
Roberdale Mfg. Co., Rockingham, N. C.
Rock Hill Cotton Factory Co., Rock Hill, S. C.
Roswell Mfg. Co., Roswell, Ga.
Selma Cotton Mill Co., Selma, Ala.
Sibley Mfg. Co., Augusta, Ga.
Slater Cotton Co., Pawtucket, R. I.
Stark Mills, Manchester, N. H.
Sylvan Mills, Shelbyville, Tenn.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Tennessee Mfg. Co., Nashville, Tenn.
Tombigbee Mills, Columbus, Miss.
Trion Mfg. Co., Trion Factory, Ga.
Utica Steam Cotton Mills, Utica, N. Y.
Wamsutta Mills, New Bedford, Mass.
Worth Mfg. Co., Worthville, N. C.

A. WOOL SHEETINGS.

Fitchburg Duck Mills, Fitchburg, Mass.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Harris Woolen Co., Woonsocket, R. I.
Rockford Woolen Mills Co., Rockford, Ill.

3133. SHIRTINGS.

Amory Mfg. Co., Manchester, N. H.
Anniston Mfg. Co., Anniston, Ala.
Appleton Co., Lowell, Mass.
Arasapha Mfg. Co., Chester, Pa.
Arista Mills, Salem, N. C.
Atlanta Cotton Mills, Atlanta, Ga.
Boston Mfg. Co., Waltham, Mass.
Clifton Mfg. Co., Clifton, S. C.
Continental Mills, Lewiston, Me.
Enterprise Mfg. Co., Augusta, Ga.
Everett Mills, Lawrence, Mass.
Forestdale Mfg. Co., North Smithfield, R. I.
Grinnell Mfg. Corporation, New Bedford, Mass.
Hebron Mfg. Co., Attleborough, Mass.
Hill Mfg. Co., Lewiston, Me.
Jackson Co., Nashua, N. H.
King & Fildes Co., La Porte, Ind.
John P. King Mfg. Co., Augusta, Ga.
Lockwood Co., Waterville, Me.
Maginnis Cotton Mills, Inc., New Orleans, La.
Manchang Co., Sutton, Mass.
Jacob Miller's Sons & Co., 1401 S. 16th St., Philadelphia, Pa.
C. J. Milne & Sons, S. 11th St. & Wash'n Av., Phila., Pa.
Morse Mills, Putnam, Conn.
Muscogee Mfg. Co., Columbus, Ga.
New Market Mfg. Co., New Market, N. H.
New York Mills, New York Mills, N. Y.
Nightingale Mills, Putnam, Conn.
Otis Co., Ware, Mass.
Pelzer Mfg. Co., Greenville, S. C.
Quinebaug Co., Danielson, Conn.
Rock Hill Cotton Factory Co., Rock Hill, S. C.
Sibley Mfg. Co., Augusta, Ga.
H. N. Slater, Webster, Mass.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.

Tennessee Mfg. Co., Nashville, Tenn.
Utica Steam Cotton Mills, Utica, N. Y.
Warren Cotton Mills, West Warren, Mass.
Whitin Bros., Whitinsville, Mass.
Windsor Co., North Adams, Mass.

A. COTTON SHIRTINGS.

Androscoggin Mills, Lewiston, Me.
Arista Mills, Salem, N. C.
Atlanta Cotton Mills, Atlanta, Ga.
Atlantic Cotton Mills, Lawrence, Mass.
Barker Mill, Auburn, Me.
Boott Cotton Mills, Lowell, Mass.
Bowen, Jewell & Co., Jewell's, Ga.
Columbian Mfg. Co., Greenville, N. H.
D. E. Converse & Co., Glendale, S. C.
Durham Cotton Mfg. Co., Durham, N. C.
Dwight Mfg. Co., Chicopee, Mass.
Eagle & Phenix Mfg. Co., Columbus, Ga.
Exeter Mfg. Co., Exeter, N. H.
Galveston City Cotton Mills, Galveston, Tex.
Grinnell Mfg. Corporation, New Bedford, Mass.
Henrietta Mills, Henrietta, N. C.
W. P. Hewitt & Co., Menasha, Wis.
High Shoals Mfg. Co., High Shoals, Ga.
Jackson Mills Co., Fiskeville, R. I.
King Philip Mills, Fall River, Mass.
Laconia Co., Biddeford, Me.
Lane Mills, New Orleans, La.
Langley Mfg. Co., Langley, S. C.
Lawrence Mfg. Co., Lowell, Mass.
Massachusetts Cotton Mills, Lowell, Mass.
Matoaca Mfg. Co., Petersburg, Va.
May's Landing Water Power Co., May's Landing, N. J.
Millville Mfg. Co., Millville, N. J.
Mississippi Mills, Wesson, Miss.
Mohawk Valley Cotton Mills, Utica, N. Y.
Nashua Mfg. Co., Nashua, N. H.
Natchez Cotton Mills Co., Natchez, Miss.
Naumkeag Steam Cotton Co., Salem, Mass.
Newberry Cotton Mills, Newberry, S. C.
Peabody Mills, Newburyport, Mass.
Pelzer Mfg. Co., Pelzer, S. C.
Pepperell Mfg. Co., Biddeford, Me.
Piedmont Mfg. Co., Piedmont, S. C.
Pocasset Mfg. Co., Fall River, Mass.
Quinebaug Co., Danielson, Conn.
Roswell Mfg. Co., Roswell, Ga.
Selma Cotton Mill Co., Selma, Ala.
Slater Cotton Co., Pawtucket, R. I.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Taylor Mfg. Co., Reynolds, Ga.
Tennessee Mfg. Co., Nashville, Tenn.
Thorndike Co., Thorndike, Mass.
Tombigbee Mills, Columbus, Miss.
Trion Mfg. Co., Trion Factory, Ga.
Utica Steam Cotton Mills, Utica, N. Y.
Wamsutta Mills, New Bedford, Mass.
Waynman Cotton Mills, Waynmanville, Ga.
Whitney Mfg. Co., Spartansburg, S. C.
Wm. Wood & Co., S.E.c.22d & Spring Garden Sts., Phila., Pa.

B. FANCY SHIRTINGS.

Falls Co., Norwich, Conn.
Haile & Frost Mfg. Co., Hinsdale, N. H.
W. P. Hewitt & Co., Menasha, Wis.
Slater Cotton Co., Pawtucket, R. I.
M. T. Stevens & Sons, North Andover, Mass.
Whittenton Mfg. Co., Taunton, Mass.
Wm. Wood & Co., S.E.c.22d & Spring Garden Sts., Phila., Pa.

3134. SILESIAS.

H. N. Slater, Webster, Mass.
Slater Cotton Co., Pawtucket, R. I.

A. TWILLED SILESIAS.

Lonsdale Co., Lincoln, R. I.

3135. SILKOLINES.

S. M. Schwab, Jr., & Co., 46 White St., New York.

3136. SILKS.

A. ART SILKS.

Brainerd & Armstrong Co., New London, Conn.
Ashley & Bailey Co., 109 Spring St., New York.

B. BROAD SILKS.

Belding Bros. & Co., Belding, Mich.
Cheney Bros., Inc., South Manchester, Conn.
Clifton Silk Mills, Town of Union, N. J.

	Dexter, Lambert & Co., Paterson, N. J.
	Doherty & Wadsworth, Paterson, N. J.
	Enterprise Silk Co., Paterson, N. J.
	Grimshaw Bros., Paterson, N. J.
	Hamil & Booth Co., Paterson, N. J.
	Lakeview Ribbon Co., Lakeview, N. J.
	Naef Bros. Co., Paterson, N. J.
	Paragon Silk Co., Paterson, N. J.
	Phoenix Mfg. Co., Paterson, N. J.
	W. Strange Co., Paterson, N. J.
	Summit Silk Mfg. Co., Summit, N. J.
C. BROCADED DRESS SILKS.	Cheney Bros., Inc., South Manchester, Conn.
	Phoenix Mfg. Co., Paterson, N. J.
	John N. Stearns & Co., 68 Greene St., New York.
D. DRESS SILKS.	Brainerd & Armstrong Co., New London, Conn.
	L. D. Brown & Son Co., Middletown, Conn.
	Cheney Bros., Inc., South Manchester, Conn.
	Cornforth & Marx, Paterson, N. J.
	Dexter, Lambert & Co., Paterson, N. J.
	Doherty & Wadsworth, Paterson, N. J.
	Dunlop Bros. & Co., 487 Broadway, New York.
	Hamil & Booth Co., Paterson, N. J.
	Pelgram & Meyers, Paterson, N. J.
	Pioneer Silk Co., Paterson, N. J.
	Souquoit Silk Mfg. Co., Sauquoit, N. Y.
	R. & H. Simon, Town of Union, N. J.
	Wm. Skinner Mfg. Co., Holyoke, Mass.
	John N. Stearns & Co., 68 Greene St., New York.
	Wm. Strange Co., Paterson, N. J.
E. FANCY SILKS.	Cheney Bros., Inc., South Manchester, Conn.
	Clifton Silk Mills, Town of Union, N. J.
	Duplan Silk Co., South Bethlehem, Pa.
	John N. Stearns & Co., 68 Greene St., New York.
F. FRINGE SILKS.	Sauquoit Silk Mfg. Co., Sauquoit, N. Y.
G. GROS GRAIN SILKS.	Cheney Bros., Inc., South Manchester, Conn.
	Duplan Silk Co., South Bethlehem, Pa.
	R. & H. Simon, Town of Union, N. J.
	John N. Stearns & Co., 68 Greene St., New York.
H. MILLINERY SILKS.	Doherty & Wadsworth, Paterson, N. J.
	Hamil & Booth Co., Paterson, N. J.
I. ORGANZINE SILKS.	Belding Bros. & Co., Inc., Belding, Mich.
	Bethlehem Silk Co., Bethlehem, Pa.
	Cheney Bros., Inc., South Manchester, Conn.
	John Dunlop & Sons, 487 Broadway, New York.
	Freeland Silk Mill Co., Freeland, Pa.
	Naef Bros. Co., Paterson, N. J.
	Neuberger Silk Co., Paterson, N. J.
J. PRINTED SILKS.	Cheney Bros., Inc., South Manchester, Conn.
K. RAW SILKS.	Barnes & Beyer, Philadelphia, Pa.
	Cheney Bros., Inc., South Manchester, Conn.
L. SILK MILANESE CLOTH.	Starin Silk Fabric Co., Fultonville, N. Y.
M. SILK MIXTURES.	Blackinton Co., Blackinton, Mass.
	Delabarre Bros., Conway, Mass.
N. SURAH SILKS.	Belding Bros. & Co., Inc., Belding, Mich.
	Hamil & Booth Co., Paterson, N. J.
	R. & H. Simon, Town of Union, N. J.
	Skinner Mfg. Co., Holyoke, Mass.
	John N. Stearns & Co., 68 Greene St., New York.
O. TIE SILKS.	Ashley & Bailey, Paterson, N. J.
	Cornforth & Marx, Paterson, N. J.
	Dunlop Bros. & Co., 487 Broadway, New York.
P. UPHOLSTERY SILKS.	Chauncey Tapestry Co., Chauncey, N. Y.
	Cheney Bros., Inc., South Manchester, Conn.
	G. W. Fulton & Co., Paterson, N. J.
	W. J. Robertson, Paterson, N. J.
3137. SKIRTINGS.	J. & B. Allen, Germantown, Philadelphia, Pa.
	Crawford & Taylor, North Dana, Mass.
	Davenport Woolen Mills Co., Davenport, Iowa.
	Falls Co., Norwich, Conn.
	Griffin Mfg. Co., Griffin, Ga.
	Jamestown Woolen Mills, Jamestown, N. Y.
	Warren Cotton Mills, West Warren, Mass.
	Wm. Wood & Co., S.E.c.22d & Spring Garden Sts.,Phila.,Pa.
3138. SKIRT PROTECTORS.	Hugo Maul & Co., 19 Bond St., New York.
A. BRUSH EDGE SKIRT PROTECTORS.	Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

3139. SPECIAL MECHANICAL WOOLEN CLOTH.

F. C. Huyck & Sons, Albany, N. Y.

3140. STOCKINET CLOTH. John E. Hanifen & Co., E.Savery & Thompson Sts.,Phil.,Pa.

3141. STRIPES, PENITENTIARY.

Eagle & Phenix Mills, Columbus, Ga.
Hamilton Mfg. Co., Lowell, Mass.
Tennessee Woolen Mills, McMinnville, Tenn.

3142. SUITINGS, COTTON.

Arasapha Mfg. Co., Chester, Pa.
Arista Mills, Salem, N. C.
Columbian Mfg. Co., Greenville, N. H.
Eagle & Phenix Mfg. Co., Columbus, Ga.
Falls Co., Norwich, Conn.
Hamilton Mfg. Co., Lowell, Mass.
High Shoals Mfg. Co., High Shoals, Ga.
R. L. & J. H. Holt, Jr., Burlington, N. C.
Lawrence S. Holt & Sons, Burlington, N. C.
E. M. Holt Plaid Mills, Burlington, N. C.
Jewett City Mills, Jewett City, Conn.
King Philip Mills, Fall River, Mass.
J. W. Lewis & Co., Chester, Pa.
Palmer Mills, Three Rivers, Mass.
Pee Dee Mfg. Co., Rockingham, N. C.
Pemberton Co., Lawrence, Mass.
Randleman Mfg. Co., Randleman, N. C.
Samuel Riddle's Sons, Glen Riddle, Pa.
Slater Cotton Co., Pawtucket, R. I.
Tennessee Mfg. Co., Nashville, Tenn.
Thorndike Co., Thorndike, Mass.
Wm. Whitaker & Sons, 236 Church St., Philadelphia, Pa.

3143. TABLE COVERS.

Barnes & Beyer, E. Indiana Av. & A St., Philadelphia, Pa.
J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
Chauncey Tapestry Co., Chauncey, N. Y.
D. Curtis' Sons, Woodbury, Conn.
Hoyle, Harrison & Kaye, E. Cambria & A Sts., Phila., Pa.
J. Krager, Frankford, Philadelphia, Pa.
Robert Lewis, Bridesburg, Philadelphia, Pa.
Star & Crescent Mills Co., Lehigh Av.& N.Hancock,Phil.,Pa.

A. CHENILLE TABLE COVERS.

Bromley Mfg. Co., Lehigh Av. & N. Front St., Phila., Pa.
Hoyle, Harrison & Kaye, E. Cambria & A Sts., Phila., Pa.
Hyndman & Moore Co., Coral & Adams Sts., Phila., Pa.
Mrs. E. V. Pike, Cheltenham, Pa.
Stead & Miller, N. 4th & Cambria Sts., Philadelphia, Pa.

B. RAW SILK TABLE COVERS.

Bromley Mfg. Co., Lehigh Av. & N. Front St., Phila., Pa.
Phila. Tapestry Mills, E. Cambria & Ormes Sts., Phila., Pa.

C. SILK TABLE COVERS.

Barnes & Beyer, E. Indiana & A Sts., Philadelphia, Pa.
Bromley Mfg. Co., Lehigh Av. & N. Front St., Phila., Pa.
Hoyle, Harrison & Kaye, E. Cambria & A Sts., Phila., Pa.
Phila. Tapestry Mills, E. Cambria & Ormes Sts., Phila., Pa.

D. TAPESTRY TABLE COVERS.

Bromley Mfg. Co., Lehigh Av. & N. Front St., Phila., Pa.
Chauncey Tapestry Co., Chauncey, N. Y.
Hoyle, Harrison & Kaye, E. Cambria & A Sts., Phila., Pa.
Hyndman & Moore Co., Coral & Adams Sts., Phila., Pa.
Moss Rose Mfg. Co., Huntingdon & N. 3d Sts., Phila., Pa.
Phila. Tapestry Mills, E. Cambria & Ormes Sts., Phila., Pa.
Stead & Miller, N. 4th & Cambria Sts., Philadelphia,, Pa.

E. TURKEY RED TABLE COVERS.

Kumpf Bros.,Jr.,&Witty,Huntingdon & Hancock Sts.,Phil.,Pa.

3144. TAPES.

Jos. Adamson & Co., 1652 Germantown Av., Phila., Pa.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
Pawtucket Tape Co., Pawtucket, R. I.
Silver Lake Co., Newtonville, Mass.
Small Bros., Fall River, Mass.
J. Sullivan & Sons Mfg. Co., 902 Montgomery Av., Phila.,Pa.

A. COTTON TAPES.

John J. Kenyon Mfg. Co., Pawtucket, R. I.
J. Sullivan & Sons Mfg. Co., 902 Montgomery Av., Phila.,Pa.
L. D. Thayer Mfg. Co., Worcester, Mass.
H. M. Witter & Co., Worcester, Mass.

B. SILK TAPES.

J. Sullivan & Sons Mfg. Co., 902 Montgomery Av., Phila.,Pa.
Wm. Wicke Co., 530 1st Av., New York.

C. SKIRT TAPES.

Russell Mfg. Co., Middletown, Conn.

3145. TAPESTRIES.

G. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa.
Chauncey Tapestry Co., Chauncey, N. Y.
Greenwoods Co., New Hartford, Conn.
Moss Rose Mfg. Co., Huntingdon & 3d Sts., Phila., Pa.

	Oldham Mills, Inc., Paterson, N. J.
	Phila. Tapestry Mills, Cambria & Ormes Sts., Phila., Pa.
3146. TAPESTRY COUCH COVERS.	Phila. Tapestry Mills, E. Cambria & Ormes Sts., Phila., Pa.
3147. TARLATANS.	Irving Mfg. Co., New Brighton, Staten Island, N. Y.
	Andrew McLean & Co., Passaic, N. J.
	James Thompson & Co., Valley Falls, N. Y.
3148. TERRY CLOTH.	Star & Crescent Mills Co., Lehigh Av. & N. Hancock, Phil., Pa.
3149. THREADS.	
A. BALL THREAD.	Reedy River Mfg. Co., Reedy River Factory, S. C.
B. CARPET CHAINS.	Globe Yarn Mills, Fall River, Mass.
	Marshall & Co., Kearney, N. J.
C. CORSET TWINE.	Wortendyke Mfg. Co., Richmond, Va.
D. COTTON THREAD.	Eagle & Phenix Mills, Columbus, Ga.
	Hadley Co., Holyoke, Mass.
	Kerr Thread Co., Fall River, Mass.
E. CROCHET THREAD.	Kerr Thread Co., Fall River, Mass.
F. EMBROIDERY COTTON.	Greene & Daniels Mfg. Co., Central Falls, R. I.
G. FLAX THREAD.	Barbour Flax Spinning Co., Paterson, N. J.
	Marshall & Co., Kearney, N. J.
	Smith & Dove Mfg. Co., Andover, Mass.
H. GILL THREAD.	Finlayson, Bonsfield & Co., North Grafton, Mass.
	Marshall & Co., Kearney, N. J.
I. HEMP THREAD.	Marshall & Co., Kearney, N. J.
J. INCANDESCENT LAMP THREAD.	H. W. Johns Mfg. Co., 100 William St., New York.
K. JACQUARD THREAD.	Barbour Flax Spinning Co., Paterson, N. J.
L. KNITTING COTTON.	Bibb Mfg. Co., Macon, Ga.
	Charlotte Cotton Mills, Charlotte, N. C.
	Dexter Yarn Co., Pawtucket, R. I.
	Elkin Mfg. Co., Elkin, N. C.
	Gold Medal Braid Co., Attleboro Falls, Mass.
	Howard Mfg. Co., Charlestown, Mass.
	Morse & Kaley Mfg. Co., Milford, N. H.
	Oakdale Cotton Mills, Inc., Jamestown, N. C.
	Ravine Mills Co., Vernon, Conn.
	Tallassee Falls Mfg. Co., Tallassee, Ala.
	John R. White, White Hall, Ga.
M. LINEN THREAD.	Barbour Flax Spinning Co., Paterson, N. J.
	A. B. Burleson & Co., Jewett City, Conn.
	Cable Flax Mills, Schaghticoke, N. Y.
	Dumbarton Flax Spinning Co., Greenwich, N. Y.
	Finlayson, Bonsfield & Co., North Grafton, Mass.
	Marshall & Co., Kearney, N. J.
N. SEAMING THREAD.	Barbour Flax Spinning Co., Paterson, N. J.
	Hadley Co., Holyoke, Mass.
	Marshall Co., Kearney, N. J.
	W. Warren Thread Works, Westfield, Mass.
O. SEWING THREAD.	Eagle & Phenix Mills, Columbus, Ga.
	Marshall & Co., Kearney, N. J.
	J. F. Merrill, Boston, Mass.
P. SHOE THREAD.	Hadley Co., Holyoke, Mass.
	Gardiner Hall, Jr., & Co., South Willington, Conn.
	Kerr Thread Co., Fall River, Mass.
	Marshall & Co., Kearney, N. J.
	J. F. Merrill, Boston, Mass.
	Smith & Dove Mfg. Co., Andover, Mass.
	Willimantic Linen Co., Willimantic, Conn.
Q. SHOE THREAD, LINEN.	Barbour Bros. Co., 48 White St., New York.
	Cable Flax Mills, Schaghticoke, N. Y.
	Finlayson, Bonsfield & Co., North Grafton, Mass.
	Marshall & Co., Kearney, N. J.
	W. Warren Thread Works, Westfield, Mass.
R. SPOOL COTTON.	American Thread Co., 260 W. Broadway, New York.
	Barstow Thread Co., Providence, R. I.
	Blodgett & Orswell Co., Pawtucket, R. I.
	A. B. Burleson & Co., Jewett City, Conn.
	Canoe River Mills, Taunton, Mass.
	Clark Thread Co., Newark, N. J.
	Eagle & Phenix Co., Columbus, Ga.
	Elizabeth Miller, Hills Grove, R. I.
	Greene & Daniels Mfg. Co., Central Falls, R. I.
	Hadley Co., Holyoke, Mass.
	Hughes Mfg. Co., Trenton & E. Allegheny Avs., Phila., Pa.
	John J. Kenyon Mfg. Co., Pawtucket, R. I.
	Kerr Thread Co., Fall River, Mass.

Lebanon Mills Co., Pawtucket, R. I.
Merrick Thread Co., Holyoke, Mass.
New England Thread Co., Pawtucket, R. I.
Oakdale Cotton Mills, Inc., Jamestown, N. C.
Phila. Thread Co., 1813 E. Russel St., Philadelphia, Pa.
Ravine Mills Co., Vernon, Conn.
Russell Mfg. Co., Middletown, Conn.
Stafford Mfg. Co., Central Falls, R. I.
Standard Thread Co., Westfield, Mass.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Wachusett Thread Co., Worcester, Mass.
W. Warren Thread Works, Westfield, Mass.
Willimantic Linen Co., Willimantic, Conn.
Wilmington Mills Mfg. Co., Wilmington, Del.

S. TINSEL THREAD. F. A. Straus, 93 Greene St., New York.

T. TRAM TWIST. Belding Bros. & Co., Inc., Belding, Mich.
B. Hooley & Son, 438 N. 13th St., Philadelphia, Pa.

U. WHIP THREAD. Elizabeth Mills Co., East Greenwich, R. I.
W. Warren Thread Works, Westfield, Mass.

3150. THREADS, SILK.

A. BUTTON HOLE TWIST. Brainerd & Armstrong Co., New London, Conn.
L. D. Brown & Son Co., Middletown, Conn.
Eureka Silk Co., Boston, Mass.
Hammond, Knowlton & Co., Putnam, Conn.
Oneida Community, Ltd., Oneida, N. Y.
Richardson Silk Co., Belding, Mich.
E. L. Smith, Gurleyville, Conn.
Winsted Silk Co., Winsted, Conn.
T. H. Wood, South Coventry, Conn.

B. CROCHETING SILK. Belding Bros. & Co., Inc., Belding, Mich.
Brainerd & Armstrong Co., New London, Conn.
Eureka Silk Co., Boston, Mass.
Heminway & Bartlett Silk Co., Watertown, Conn.

C. EMBROIDERY SILK. Belding Bros. & Co., Inc., Belding, Mich.
Brainerd & Armstrong Co., New London, Conn.
Heminway & Bartlett Silk Co., Watertown, N. Y.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Robert McColloch, Paterson, N. J.
Nonotuck Silk Co., Florence, Mass.
Oneida Community, Ltd., Oneida, N. Y.
Richardson Silk Co., Belding, Mich.
Unicorn Silk Mfg. Co., Catasauqua, Pa.
Winsted Silk Co., West Winsted, Conn.

D. ETCHING SILK. Belding Bros. & Co., Inc., Belding, Mich.
Brainerd & Armstrong Co., New London, Conn.
Nonotuck Silk Co., Florence, Mass.

E. FILLING SILK. Belding Bros. & Co., Inc., Belding, Mich.
Brainerd & Armstrong Co., New London, Conn.
M. Heminway & Sons Silk Co., Watertown, Conn.
Wm. H. Horstmann & Sons, Philadelphia, Pa.
Nonotuck Silk Co., Florence, Mass.

F. KNITTING SILK. Belding Bros. & Co., Inc., Belding, Mich.
Brainerd & Armstrong Co., New London, Conn.
Eureka Silk Mfg. Co., Boston, Mass.
Heminway & Bartlett Silk Co., Watertown, Conn.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Marshall & Co., Kearney, N. J.
Nonotuck Silk Co., Florence, Mass.
Richarson Silk Co., Belding, Mich.
Unicorn Silk Mfg. Co., Catasauqua, Pa.

G. MACHINE TWIST. Aetna Silk Co., Norfolk, Conn.
Belding Bros. & Co., Inc., Belding, Mich.
Brainerd & Armstrong Co., New London, Conn.
L. D. Brown & Son Co., Middletown, Conn.
Eureka Silk Mfg. Co., Boston, Mass.
W. B. Hackenburg & Co., 516 Market St., Philadelphia, Pa.
Hammond, Knowlton & Co., Putnam, Conn.
P. G. Hanks, Spring Hill, Conn.
M. Heminway & Sons Silk Co., Watertown, N. Y.
Holland Mfg. Co., Willimantic, Conn.
Nonotuck Silk Co., Florence, Mass.
Oneida Community, Ltd., Community, N. Y.
Richardson Silk Co., Belding, Mich.
Salter Silk Co., West Winsted, Conn.
Wm. Skinner Mfg. Co., Holyoke, Mass.
P. W. Turner & Co., Turnersville, Conn.

	Unicorn Silk Mfg. Co., Catasauqua, Pa.
	Winsted Silk Co., West Winsted, Conn.
H. OUTLINE SILK.	Belding Bros. & Co., Inc., Belding, Mich.
	Brainerd & Armstrong Co., New London, Conn.
	M. Heminway & Sons Silk Co., Watertown, Conn.
I. PURSE TWIST.	Belding Bros. & Co., Inc., Belding, Mich.
	Brainerd & Armstrong Co., New London, Conn.
J. QUILL EMBROIDERY SILK.	Brainerd & Armstrong Co., New London, Conn.
K. ROPE SILK.	Belding Bros. & Co., Inc., Belding, Mich.
	Brainerd & Armstrong Co., New London, Conn.
	Eureka Silk Mfg. Co., Boston, Mass.
	Nonotuck Silk Co., Florence, Mass.
L. SILK CORD.	Belding Bros. & Co., Inc., Belding, Mich.
	A. E. Ellison & Co., 103 Greene St., New York.
	Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
	F. Kramer, Jersey City, N. J.
	Schloss & Sons, 556 Broadway, New York.
	M. Seckel & Co., 13 Mercer St., New York.
M. SILK FLOSS.	Belding Bros. & Co., Inc., Belding, Mich.
	Bethlehem Silk Co., Bethlehem, Pa.
	Brainerd & Armstrong Co., New London, Conn.
	L. D. Brown & Son Co., Middletown, Conn.
	Nonotuck Silk Co., Florence, Mass.
	Wm. Skinner Mfg. Co., Holyoke, Mass.
	Winsted Silk Co., West Winsted, Conn.
N. SPOOL SILK.	Aetna Silk Co., Norfolk, Conn.
	Belding Bros. & Co., Inc., Belding, Mich.
	Brainerd & Armstrong Co., New London, Conn.
	L. D. Brown & Son Co., Middletown, Conn.
	Carlson-Currier Co., Petaluma, Cal.
	Eureka Silk Mfg. Co., Boston, Mass.
	W. B. Hackenburg & Co., 516 Market St., Philadelphia, Pa.
	Hammond, Knowlton & Co., Putnam, Conn.
	M. Heminway & Sons Silk Co., Watertown, Conn.
	Holland Mfg. Co., Willimantic, Conn.
	James S. Macfarlane, Mansfield Centre, Conn.
	Nonotuck Silk Co., Florence, Mass.
	Oneida Community, Ltd., Oneida, N. Y.
	Richardson Silk Co., Belding, Mich.
	Wm. Skinner Mfg. Co., Holyoke, Mass.
	P. W. Turner & Co., Turnerville, Conn.
	W. Warren Thread Works, Westfield, Mass.
	T. H. Wood, South Coventry, Conn.
O. SPUN SILK.	Belding Bros. & Co., Inc., Belding, Mich.
	Cheney Bros., Inc., South Manchester, Conn.
	Griswold Worsted Co., Ltd., Darby, Pa.
P. THROWN SILK.	Belding Bros. & Co., Inc., Belding, Mich.
	Cheney Bros., Inc., South Manchester, Conn.
	Dexter, Lambert & Co., Hawley, Pa.
	John Dunlop & Sons, 487 Broadway, New York.
	B. Hooley & Son, 428 N. 13th St., Philadelphia, Pa.
	Newburger Silk Co., Paterson, N. J.
	Wm. Skinner Mfg. Co., Holyoke, Mass.
Q. TRAM SILK.	Belding Bros. & Co., Inc., Belding, Mich.
	Bethlehem Silk Co., Bethlehem, Pa.
	Cheney Bros., Inc., South Manchester, Conn.
	Neuburger Silk Co., Paterson, N. J.
	Sauquoit Silk Mfg. Co., Sauquoit, N. Y.
R. WASH SILK.	Belding Bros. & Co., Inc., Belding, Mich.
	Brainerd & Armstrong Co., New London, Conn.
	W. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
	Nonotuck Silk Co., Florence, Mass.
	Phoenix Silk Mfg. Co., Paterson, N. J.
	Richardson Silk Co., Belding, Mich.
3151. TICKINGS.	Amoskeag Mfg, Co., Manchester, N. H.
	Arasapha Mfg. Co., Chester, Pa.
	John G. Carruth & Co., E. Indiana & Rosehill Sts., Phil., Pa.
	Columbian Mfg. Co., Greenville, N. H.
	Cordis Mills, Millbury, Mass.
	Eagle & Phenix Mills, Columbus, Ga.
	Falls Co., Norwich, Conn.
	John Farnum & Co., Lancaster, Pa.
	Glover & Willcomb, 36 Canal St., Boston, Mass.
	Griffin Mfg. Co., Griffin, Ga.
	Hamilton Mfg. Co., Lowell, Mass.
	Jewett City Mills, Jewett City, Conn.

McAden Mills, McAdensville, N. C.
C. J. Milne & Sons, S. 11th & Washington Av., Phila., Pa.
Muscogee Mfg. Co., Coumbus, Ga.
Palmer Mills, Three Rivers, Mass.
Pemberton Co., Lawrence, Mass.
Samuel Riddle's Sons, Glen Riddle, Pa.
S. M. Schwab, Jr., & Co., 46 White St., New York.
Shetucket Co,. Norwich, Conn.
Sibley Mfg. Co., Augusta, Ga.
Wm. A. Slater Mills Corporation, Slatersville, R. I.
Tennessee Mfg. Co., Nashville, Tenn.
Thorndike Co., Thorndike, Mass.
D. Trainer & Sons Mfg. Co., Inc., Trainer, Pa.
Warren Cotton Mills, West Warren, Mass.
Wm. Whitaker & Sons, 236 Church St., Philadelphia, Pa.
Whittenton Mfg. Co., Taunton, Mass.

3152. TIDIES.
J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
Robert Lewis, Bridesburg, Philadelphia, Pa.
Star & Crescent Mills Co.,Lehigh Av.& N.Hancock,Phil.,Pa.

3153. TOWELS.
Bates Mfg. Co., Lewiston, Me.
Huguenot Mills, Greenville, S. C.
Merrimack Mfg. Co., Lowell, Mass.
Muscogee Mfg. Co., Columbus, Ga.
Swift Mfg. Co., Columbus, Ga.

A. COTTON TOWELS.
Catawba Electric Power Co., Mountain Island, N. C.
Eagle & Phenix Mills, Columbus, Ga.
McAden Mills, McAdensville, N. C.
Odell Mfg. Co., Concord, N. C.
Riverdale Cotton Mills, Great Barrington, Mass.

B. LINEN CRASH TOWELS.
Albany Linen Mills, Albany, Wis.
Eau Claire Linen Co., Eau Claire, Wis.
Stevens Linen Works, Webster, Mass.

C. TURKISH TOWELS.
Avon Mfg. Co., Lewiston, Me.
J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
Oriental Mills, Providence, R. I.
Riverdale Cotton Mills, Great Barrington, Mass.
Star & Crescent Mill Co., Lehigh & N. Hancock, Phila., Pa.

3154. TRICOTS.
Geo. L. Balcom, Claremont, N. H.
Beaver Dam Woolen Mills, Beaver Dam, Wis.
Rhodes Bros., Ltd., Astor Mills, Pa.
Slater Woolen Co., Webster, Mass.
Talbot Mills, North Billerica, Mass.

3155. TRIMMINGS.

A. CLOAK TRIMMINGS.
A. Bennett, 208 Wooster St., New York.
Bernstein & Co., 111 Mercer St., New York.
A. S. Ellison & Co., 103 Greene St., New York.
John B. Gardner's Sons, Ansonia, Conn.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

B. COTTON TRIMMINGS.
A. S. Ellison & Co., 103 Greene St., New York.
Genesee Upholstery Trimming Works, Rochester, N. Y.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Alfred Ziegler, 111 Chauncey St., Boston, Mass.

C. MILLINERY TRIMMINGS.
A. S. Ellison & Co., 103 Greene St., New York.
Kaufman & Rosenthal, 496 Broome St., New York.
Lazarus, Schwarz & Co., 445 N. Darien St., Philadelphia, Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Andrew M. Loewenthal, 239 E. 115th St., New York.
Hugo Maul & Co., 19 Bond St., New York.
L. Metzger & Co., 637 Broadway, New York.

D. SILK DRESS TRIMMINGS.
I. C. Bandman, 508 Broome St., New York.
Bentley Bros., Paterson, N. J.
S. Braenn & Co., Jersey City, N. J.
Collinge & Nolan Co., Paterson, N. J.
A. S. Ellison & Co., 103 Greene St., New York.
A. B. Fiedler & Sons, Inc., 234 Franklin St., Chicago, Ill.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Jung & Turnbull, 106 Grand St., New York.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Hugo Maul & Co., 19 Bond St., New York.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.

E. SILK TRIMMINGS.
Belding Bros. & Co., Inc., Belding, Mich.
James Caven Co., 13th & Noble Sts., Philadelphia, Pa.
A. E. Ellison & Co., 103 Greene St., New York.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.

Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
August Moll Mfg. Co., 235 Lynch St., Brooklyn, N. Y.
Schloss & Sons, 556 Broadway, New York.
Wm. Schwenson, 390 Broadway, New York.
Alfred Ziegler, 111 Chauncey St., Boston, Mass.

F. SPANGLED TRIMMINGS. Kursheedt Mfg. Co., 356 W. Broadway, New York.

G. WORSTED TRIMMINGS. A. S. Ellison & Co., 103 Greene St., New York.
S. B. & B. W. Fleisher, 28 S. 6th St., New York.
Friedberger & Co., Germantown, Philadelphia, Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Alfred Ziegler, Boston, Mass.

3156. TUCKINGS. Kursheedt Mfg. Co., 356 Broadway, New York.

3157. TWEEDS. Albany Woolen Mills, Albany, Ore.
Cedarburg Woolen Mills, Cedarburg, Wis.
Evansville Woolen Mill Co., Evansville, Ind.
James Irving & Son, Ltd., Chester, Pa.
Jefferson Woolen Mills, Jefferson, Wis.
Marysville Woolen Mills, Inc., Marysville, Cal.
Meek Bros., Bonaparte, Iowa.
Stockton Woolen Mills, Stockton, Cal.

A. ELASTIC TWEEDS. Hub Gore Makers, Boston, Mass.

3158. TWILLS. Acushnut Mills Corporation, New Bedford, Mass.
Alcorn Woolen Mfg. Co., Corinth, Miss.
Ashland Cotton Co., Jewett City, Conn.
Atlanta Mills, Providence, R. I.
Attawaugan Co., Dayville, Conn.
Barnard Mfg. Co., Fall River, Mass.
Bozrahville, Co., Bozrahville, Conn.
Briggs Mfg. Co., Voluntown, Conn.
J. P. Campbell & Co., Providence, R. I.
Continental Mills, Lewiston, Me.
Dyerville Mfg. Co., Providence, R. I.
Eagle & Phenix Mills, Columbus, Ga.
Elkin Mfg. Co., Elkin, N. C.
Greenwoods Co., New Hartford, Conn.
Grinnell Mfg. Corporation, New Bedford, Mass.
Hill Mfg. Co., Lewiston, Me.
King Philip Mills, Fall River, Mass.
Manville Co., Manville, R. I.
Powhatan Mills, Putnam, Conn.
Salmon Falls Mfg. Co., Rollinsford, N. H.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Warren Mfg. Co., Warren, R. I.

A. COTTON TWILLS. Ashland Cotton Co., Jewett City, Conn.
Grinnell Mfg. Corporation, New Bedford, Mass.
King Philip Mills, Fall River, Mass.
Slater Cotton Co., Pawtucket, R. I.
Willimantic Cotton Mills Corporation, Willimantic, Conn.

B. FANCY TWILLS. Grinnell Mfg. Corporation, New Bedford, Mass.
Salmon Falls Mfg. Co., Rollinsford, N. H.
Slater Cotton Co., Pawtucket, R. I.

C. SILK TWILLS. Ashley & Bailey Co., Paterson, N. J.
Cheney Bros., Inc., South Manchester, Conn.
Clowes, Sothern & Moss, Paterson, N. J.
Dexter, Lambert & Co., Paterson, N. J.
Grimshaw Bros., Paterson, N. J.
Naef Bros. Co., Paterson, N. J.
Paragon Silk Co., Paterson, N. J.

3159. UMBRELLA CLOTH. Ashland Cotton Co., Jewett City, Conn.
May's Landing Water Power Co., May's Landing, N. J.
Slater Cotton Co., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.

3160. UNIFORM CLOTH. Charlottesville Woolen Mills, Charlottesville, Va.
Rockford Woolen Mills, Rockford, Ill.
Slater Woolen Co., Webster, Mass.
Warrenton Woolen Co., Torrington, Conn.
Waterloo Woolen Mfg. Co., Waterloo, N. Y.

3161. UPHOLSTERY GOODS. John Bromley & Sons, Lehigh Av. & N. Front Sts., Phil.,Pa.
Geo. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa.
James Caven Co., N. 13th & Noble Sts., Philadelphia, Pa.
Chauncey Tapestry Co., Chauncey, N. Y.
Geo. S. Cox & Bro., E. Cambria & Ormes Sts., Phila., Pa.
Giveen Mfg. Co., 71 Leonard St., New York.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.

D. Goff & Sons, Pawtucket, R. I.
Wm. H. Horstmann Co., Cherry & N. 5th St., Phila., Pa.
Hoyle, Harrison & Kaye, E. Cambria & A Sts., Phila., Pa.
Hyndman & Moore Co., Coral & Adams Sts., Phila., Pa.
Robert Lewis, Bridesburg, Philadelphia, Pa.
Pottier & Stymus Co., 375 Lexington Av., New York.
Stead & Miller, N. 4th & Cambria Sts., Philadelphia, Pa.

A. SILK UPHOLSTERY GOODS.
Geo. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa.
Chauncey Tapestry Co., Chauncey, N. Y.
Cheney Bros., Inc., South Manchester, Conn.
Hoyle, Harrison & Kaye, E. Cambria & A Sts., Phila., Pa.
J. M. Schwehm & Sons, 13 W. Wister St., Phila., Pa.
Stead & Miller, N. 4th & Cambria Sts., Philadelphia, Pa.

3162. VEILINGS.
Peter Caspers, Paterson, N. J.
Enterprise Silk Co., Paterson, N. J.
Jacob Frisch, Paterson, N. J.
Lucas & Co., Paterson, N. J.
G. Sidenberg & Co., 49 Mercer St., New York.

3163. VELOURS.
Beattie Mfg. Co., Little Falls, N. J.
Cheney Bros., Inc., South Manchester, Conn.
Salt's Textile Mfg. Co., Bridgeport, Conn.
Sanford Mills, Sanford, Me.

A. LINEN VELOUR GOODS.
Hyndman & Moore Co., Coral & Adams Sts., Phila., Pa.

3164. VELVETEENS.
Crompton Co., Providence, R. I.
Hind & Harrison Plush Co., Clark Mills, N. Y.
Merrimack Mfg. Co., Lowell, Mass.

3165. VELVETS.
A. & S. Blumenthal, Shelton, Conn.
Cheney Bros., Inc., South Manchester, Conn.
Crompton Co., Warwick, R. I.
John & Jas. Dobson, 1003 Filbert St., Philadelphia, Pa.
Hind & Harrison Plush Co., Clark Mills, N. Y.
Salt's Textile Mfg. Co., Bridgeport, Conn.

3166. VESTINGS.
Blackinton Co., Blackinton, Mass.
Cornforth & Marx, Paterson, N. J.

3167. WARPS.

A. BLANKET WARPS.
Royal River Mfg. Co., Yarmouth, Me.

B. CARPET WARPS.
Bibb Mfg. Co., Macon, Ga.
Brient Bros., Englewood, Tenn.
John T. Currier & Co., Paris, Tenn.
Deer Creek Cotton Mills, Cincinnati, O.
W. H. Dustin, Lawrenceburg, Tenn.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Lane Cotton Mills, New Orleans, La.
Jas. McElwee, Mount Verd, Tenn.
Nashville Woolen Mill Co., Nashville, Tenn.
Ossawan Mills Co., Norwich, Conn.
Porterdale Mills, Covington, Ga.
Riverside Mills, Augusta, Ga.
Rockford Cotton Mills, Rockford, Tenn.
Strathmore Mfg. Co., Strathmore, Tenn.
Tennessee Mfg. Co., Nashville, Tenn.

C. CHAIN WARPS.
City Mfg. Corporation, New Bedford, Mass.
Globe Yarn Mills, Fall River, Mass.

D. COTTON WARPS.
Alpha Mills, Charlotte, N. C.
Arista Mills, Salem, N. C.
Ashland Mfg. Co., Baltimore, Md.
Atlantic Cotton Mills, Lawrence, Mass.
Avon Mills, Gastonia, N. C.
Bibb Mfg. Co., Macon, Ga.
Cannon Mfg. Co., Concord, N. C.
Central Mills Co., Southbridge, Mass.
Charlotte Cotton Mills, Charlotte, N. C.
City Mfg. Corporation, New Bedford, Mass.
Dallas Cotton Mills, Dallas, N. C.
Double Shoals Cotton Mills, Double Shoal, N. C.
Elkin Mfg. Co., Elkin, N. C.
Elm Grove Cotton Mills, Lincolnton, N. C.
Fayetteville Cotton Mill, Fayetteville, N. C.
Franklinville Mfg. Co., Franklinville, N. C.
Globe Yarn Mills, Fall River, Mass.
Granite Falls Mfg. Co., Granite Falls, N. C.
Greene & Daniels Mfg. Co., Central Falls, R. I.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Hadley Co., Holyoke, Mass.
January & Wood Co., Maysville, Ky.
Juanita Cotton Mills, Big Falls, N. C.

Thos. F. Lloyd, Chapel Hill, N. C.
R. W. Lord & Co., Kennebunk, Me.
Lyman Mills, Holyoke, Mass.
McAden Mills, McAdensville, N. C.
Monument Mills, Housatonic, Mass.
New Albany Woolen Mills, New Albany, Ind.
Oakdale Cotton Mills, Inc., Jamestown, N. C.
J. M. Odell Mfg. Co., Bynum's, N. C.
Pee Dee Mfg. Co., Rockingham, N. C.
W. C. Plunkett & Sons, Adams, Mass.
Ravine Mills Co., Vernon, Conn.
Ray Cotton Co., Woonsocket, R. I.
Renfrew Mfg. Co., Adams, Mass.
Roberdel Mfg. Co., Rockingham, N. C.
Rockymount Mills, Rockymount, N. C.
Roswell Mfg. Co., Roswell, Ga.
Slater Cotton Co., 49 Church St., Pawtucket, R. I.
Social Mfg. Co., Woonsocket, R. I.
Sterling Cotton Mills, Franklinton, N. C.
Stowersville Cotton Mill, Belmont, N. C.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Tuckaseege Mfg. Co., Mount Holly, N. C.
Wamsutta Mills, New Bedford, Mass.
Westport Mfg. Co., Fall River, Mass.

E. SATINET WARPS. Edwin Bartlett, North Oxford, Mass.
Jabez L. & T. D. Peck Mfg. Co., Pittsfield, Mass.

F. SILK WARPS. Moore Mfg. Co., 240 Chestnut St., Philadelphia, Pa.

3168. WEBBING.

Joseph Noone's Sons Co., Peterborough, N. H.
Peters Harness & Saddlery Co., Newark, N. J.

A. BELT WEBBING. Hamilton Web Co., Hamilton, R. I.
Hope Webbing Co., Providence, R. I.

B. BOLTING CLOTH WEBBING. Buffalo Weaving Co., Buffalo, N. Y.

C. BOOT & SHOE WEBBING American Mills Co., Waterbury, Conn.
Boston Gore & Web Mfg. Co., Chelsea, Mass.
Hamilton Web Co., Hamilton, R. I.
Hope Webbing Co., Providence, R. I.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
Hutchins Narrow Fabric Co., Springfield, Mass.
John J. Kenyon Mfg. Co., Pawtucket, R. I.
T .Martin & Bro. Mfg. Co., Chelsea, Mass.
New Haven Web Co., New Haven, Conn.
Russell Mfg. Co., Middletown, Conn.
Springfield Webbing Co., Springfield, Mass.
A. C. Woodward, North Abington, Mass.

D. ELASTIC LOOM WEBS. American Tubing & Webbing Co., Providence, R. I.

E. ELASTIC WEBBING. James Adamson & Co., 1652 Germantown Av., Phila., Pa.
American Mills Co., Waterbury, Conn.
American Tubing & Webbing Co., Providence, R. I.
Bridgeport Elastic Web Co., Bridgeport, Conn.
Canfield Rubber Co., 73 Warren St., New York.
Geo. S. Colton, Easthampton, Mass.
Crown Suspender Co., 841 Broadway, New York.
Empire Mfg. Co., Lockport, N. Y.
Franklin Co., Charlestown, Mass.
Frank Gutmann, 156 W. Broadway, New York.
Hamilton Web Co., Hamilton, R. I.
Josiah Harriman, Lowell, Mass.
Hope Webbing Co., Providence, R. I.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
A. A. Marks, 701 Broadway, New York.
T. Martin & Bro. Mfg. Co., Chelsea, Mass.
Montgomery Textile Co., North Wales, Pa.
Russell Mfg. Co., Middletown, Conn.
Thorndike Mfg. Co., Lowell, Mass.
Alfred Ziegler, 111 Chauncey St., Boston, Mass.

F. GARTER WEBBING. American Tubing & Webbing Co., Providence, R. I.
Geo. S. Colton, Easthampton, Mass.
Hub Gore Makers, Boston, Mass.

G. GIRTH WEBBING. Russell Mfg. Co., Middletown, Conn.

H. HALTER WEBBING. Hutchins Narrow Fabric Co., Springfield, Mass.
Russell Mfg. Co., Middletown, Conn.

I. NON-ELASTIC WEBBING. American Mills Co., Waterbury, Conn.
Hamilton Web Co., Hamilton, R. I.
Hope Webbing Co., Providence, R. I.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

A. A. Marks, 701 Broadway, New York.
T. Martin & Bro. Mfg. Co., Chelsea, Mass.
Springfield Webbing Co., Springfield, Mass.

J. RAZOR STRAP WEBBING. Buffalo Weaving Co., Buffalo, N. Y.

K. REIN WEBBING. T. Martin & Bro. Mfg. Co., Chelsea, Mass.
Russell Mfg. Co., Middletown, Conn.

L. SILK WEBBING, ELASTIC. American Tubing & Webbing Co., Providence, R. I.
Hamilton Web Co., Hamilton, R. I.
T. Martin & Bro. Mfg. Co., Chelsea, Mass.

M. SUSPENDER WEBBING. Ansonia O. & C. Co., Ansonia, Conn.
Geo. S. Colton, Easthampton, Mass.
Josiah Harriman, Lowell, Mass.
Mansfield Elastic Web Co., Mansfield, O.

N. TRUSS WEBBING. Geo. S. Colton, Easthampton, Mass.
T. Martin & Bro. Mfg. Co., Chelsea, Mass.

O. WEB RIMS. Buffalo Weaving Co., Buffalo, N. Y.

P. WEB TELESCOPE STRAPS. Buffalo Weaving Co., Buffalo, N. Y.

Q. WORSTED WEBBING. Hamilton Web Co., Hamilton, R. I.

3169. WIGANS. H. N. Slater, Webster, Mass.

3170. WOOL COVERT CLOTH.
Cocheco Woolen Mfg. Co., East Rochester, N. H.

3171. WOOLEN MACKINAWS.
Barron Woolen Mills Co., Barron, Wis.
J. W. Evans, Waupaca, Wis.

3172. WOOLENS. Jesse Eddy Mfg. Co., Fall River, Mass.
Passaic Woolen Co., Passaic, N. J.
Somerville Woolen Mills, Somerville, N. J.
Springville Mfg. Co., Rockville, Conn.
Troy Cotton & Woolen Mfg. Co., Fall River, Mass.

A. FANCY WOOLENS. J. & B. Allen, Germantown, Philadelphia, Pa.
American Woolen Co., Boston, Mass.
Auburn Woolen Co., Auburn, N. Y.
Empire Woolen Co., Clayville, N. Y.
Plymouth Woolen Co., Plymouth, Mass.
S. N. & C. Russell Mfg. Co., Pittsfield, Mass.
Sawyer Woolen Mills, Dover, N. H.
Washington Woolen Mills, Fredericksburg, Iowa.

B. INDIGO BLUE SUITINGS. Slater Woolen Co., Webster, Mass.

C. MIXED SUITINGS. Otis Co., Ware, Mass.

D. WOOLEN SUITINGS. J. & B. Allen, Germantown, Philadelphia, Pa.
American Mills Co., Rockville, Conn.
American Woolen Co., Boston, Mass.
Beaver Dam Woolen Mills, Beaver Dam, Wis.
Beaver Dam Worsted Co., Beaver Dam, Wis.
Burlington, Winooski & Colchester Mills, 346 B'way, N. Y.
Charlottesville Woolen Mills, Charlottesville, Va.
Cocheco Woolen Mfg. Co., East Rochester, N. H.
J. W. Evans, Waupaca, Wis.
Germania Mills, Holyoke, Mass.
Glenside Woolen Mills, Skaneateles Falls, N. Y.
Hockanum Co., Rockville, Conn.
B. Lucas & Co., Poquetanuck, Conn.
Jacob Miller's Sons & Co., Philadelphia, Pa.
New London Steam Woolen Mill Co., New London, Conn.
Thos. Oakes & Co., Bloomfield, N. J.
James Phillips, Jr., West Fitchburg, Mass.
Plymouth Woolen Co., Plymouth, Mass.
Provo Woolen Mills, Provo City, Utah.
E. Rothschild & Co., 218 Market St., Chicago, Ill.
S. N. & C. Russell Mfg. Co., Pittsfield, Mass.
E. T. Steel & Co., 24 Bank St., Philadelphia, Pa.

3173. WORSTEDS. American Mills Co., Rockville, Conn.
Blackinton Co., Blackinton, Mass.
Jesse Eddy Mfg. Co., Fall River, Mass.
Meriden Woolen Mills, Meriden, Conn.
Old Kentucky Woolen Miills Co., Inc., Louisville, Ky.
Plymouth Woolen Co., Plymouth, Mass.
Riverside Worsted Mills, Providence, R. I.
Somerville Woolen Mills, Somerville, N. J.
Springville Mfg. Co., Rockville, Conn.

A. COTTON WORSTEDS. George McFarland Co., Gulf Mills P. O., Pa.

B. FANCY WORSTEDS. S. Blackinton Co., Blackinton, Mass.
Empire Woolen Co., Clayville, N. Y.
Globe Woolen Co., Utica, N. Y.
Plymouth Woolen Co., Plymouth, Mass.
Riverside Worsted Mills, Providence, R. I.

	Rock Mfg. Co., Rockville, Conn.
	S. N. & C. Russell Mfg. Co., Pittsfield, Mass.
	Weybosset Mills, Providence, R. I.
C. WOOLEN TROUSERINGS	Plymouth Woolen Co., Plymouth, Mass.
D. WORSTED SUITINGS.	American Woolen Co., Boston, Mass.
	Beaver Dam Woolen Mills, Beaver Dam, Wis.
	Beaver Dam Worsted Co., Beaver Dam, Wis.
	S. Blackinton Co., Blackinton, Mass.
	Wm. Broadhead & Sons, Jamestown, N. Y.
	Wm. Carson & Co., Lenni, Pa.
	John Chase & Sons, Webster, Mass.
	John S. Collins, Gilsum, N. H.
	Thos. Dolan & Co., Oxford, Hancock & Columbia Avs., Phil., Pa.
	Fitchburg Worsted Co., Fitchburg, Mass.
	French & Ward, Stoughton, Mass.
	Globe Woolen Co., Utica, N. Y.
	Hall's Co., Jamestown, N. Y.
	Hamilton Woolen Co., 18 P. O. Square, Boston, Mass.
	Hockanum Co., Rockville, Conn.
	James Lees & Sons Co., Bridgeport, Conn.
	Lymansville Co., Providence, R. I.
	New England Co., Rockville, Conn.
	James Phillips, Jr., West Fitchburg, Mass.
	Plymouth Woolen Co., Plymouth, Mass.
	R. M. & T. Reynolds, Monson, Mass.
	Rock Mfg. Co., Rockville, Conn.
	S. N. & C. Russell Mfg. Co., Pittsfield, Mass.
	E. T. Steel & Co., 24 Bank St., Philadelphia, Pa.
	Wm. Tinkham & Co., Burrillville, R. I.
	Turner Worsted Co., Cleveland, O.
	Warren Woolen Co., Staffords Springs, Conn.
	Washington Mills Co., Lawrence, Mass.
	Wanskuck Co., Providence, R. I.
	Wm. Wood & Co., S.E.c.22d & Spring Garden Sts., Phila., Pa.
E. WORSTED TROUSERINGS.	Plymouth Woolen Co., Plymouth, Mass.
3174. YARNS.	Appleton Woolen Mills, Appleton, Wis.
	Barker Mill, Auburn, Me.
	Bentley & Gerwig, New Brighton, Pa.
	Clarksburg Woolen Mills, Clarksburg, W. Va.
	Continental Mills, Lewiston, Me.
	Crabtree & Patchett, Montgomery, N. Y.
	Monroe Cotton Mills, Monroe, N. C.
	Muscogee Mfg. Co., Columbus, Ga.
	Warren Mfg. Co., Warren, R. I.
A. ASBESTOS YARN.	Asbestos Mfg. Co., 426 Market St., Philadelphia, Pa.
	H. W. Johns Mfg. Co., 100 William St., New York.
B. BACKING YARN.	Jos. M. Adams, Manayunk, Philadelphia, Pa.
C. BRAIDING YARN.	Crabtree & Patchett, Montgomery, N. Y.
	Tingue Mfg. Co., Seymour, Conn.
D. CARPET YARN.	Abbot & Co., Graniteville, Mass.
	Jos. M. Adams, Manayunk, Philadelphia, Pa.
	Barbour Flax Spinning Co., Paterson, N. J.
	Bromley Bros. & Co., 1901 E. York St., Philadelphia, Pa.
	Alexander Crow, Jr., 467 City Hall, Philadelphia, Pa.
	A. Flanagan & Bro., Roxbury, Philadelphia, Pa.
	Hillsboro Mills, Wilton, N. H.
	Wm. Johnson & Son, Kensington Av., Philadelphia, Pa.
	Marshall & Co., Kearny, N. J.
	McCallum & McCallum, 1012 Chestnut St., Philadelphia, Pa.
	Stafford & Co., Krams & Silverwood Sts., Philadelphia, Pa.
	John Wilde & Bro., Cresson & Ridge Av., Philadelphia, Pa.
E. CARPET YARN, COTTON.	January & Wood Co., Maysville, Ky.
	John F. Lodge, Philadelphia, Pa.
	John W. Travis & Bro., E. Madison n. Kensington, Phila., Pa.
F. CARPET YARN, HEMP.	Barbour Flax Spinning Co., Paterson, N. J.
	Ludlow Mfg. Co., 133 Essex St., Boston, Mass.
G. CARPET YARN, JUTE.	Buchanan & Lyall, 346 Carroll St., Brooklyn, N. Y.
	Chelsea Jute Mills, 346 Broadway, New York.
	Dolphin Jute Mills, Paterson, N. J.
	R. H. Ensign, Simsbury, Conn.
	Ludlow Mfg. Co., 133 Essex St., Boston, Mass.
H. CARPET YARN, LINEN.	Cable Flax Mills, Schaghticoke, N. Y.
	Ludlow Mfg. Co., 133 Essex St., Boston, Mass.
I. CASSIMERE SILK YARN.	Griswold Worsted Co., Darby, Pa.
J. COTTON MOP YARN.	January & Wood Co., Maysville, Ky.
	Rope & Yarn Mills, Tuscaloosa, Ala.

K. COTTON YARN.

Alpha Mills, Charlotte, N. C.
Appleton Co., Lowell, Mass.
Arasapha Mfg. Co., Chester, Pa.
Arlington Mills, Lawrence, Mass.
Ashland Cotton Co., Jewett City, Conn.
Athens Mfg. Co., Athens, Ga.
Atlantic Cotton Mills, Lawrence, Mass.
S. H. Bartlett, East Killingly, Conn.
Beaver Creek & Bluff Mills, Fayetteville, N. C.
Bibb Mfg. Co., Macon, Ga.
Anthony Bowden, Cedar Grove, N. J.
Briggs Mfg. Co., Voluntown, Conn.
J. Broadbent & Son, Unionville, Conn.
A. B. Burleson & Co., Jewett City, Conn.
J. A. Campbell & Bro., Manayunk, Philadelphia, Pa.
Cannon Mfg. Co., Concord, N. C.
Canoe River Mills, Taunton, Mass.
Charlotte Cotton Mills, Charlotte, N. C.
A. B. Chase, Moodus, Conn.
Cherry Cotton Mills, Florence, Ala.
Chester Mfg. Co., Chester, Pa.
City Mfg. Corporation, New Bedford, Mass.
Columbia Mill Co., Columbia, S. C.
Floyd Cranska, Moosup, Conn.
John T. Currier & Co., Paris, Tenn.
Cutler Mfg. Co., Warren, R. I.
Eagle Cotton Mill Co., Madison, Ind.
Elizabeth Mills, Hills Grove, R. I.
Elkin Mfg. Co., Elkin, N. C.
Elm Grove Cotton Mills, Lincolnton, N. C.
Fletcher Mfg. Co., Providence, R. I.
Jos. Fling's Sons, Germantown, Philadelphia, Pa.
Jas. S. Gary & Son, Alberton, Md.
Glasgo Yarn Mills Co., Glasgo, Conn.
Globe Yarn Mills, Fall River, Mass.
Granite Falls Mfg. Co., Granite Falls, N. C.
Greene & Daniels Mfg. Co., Central Falls, R. I.
Grinnell Mfg. Corporation, New Bedford, Mass.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Hadley Co., Holyoke, Mass.
E. H. Hall & Son, North Windham, Conn.
Hamilton Web Co., Hamilton, R. I.
High Shoals Mfg. Co., High Shoals, Ga.
Wm. E. Hooper & Sons, Baltimore, Md.
Howland Mills Corporation, New Bedford, Mass.
Huntsville Cotton Mills, Huntsville, Ala.
Hurricane Creek Mfg. Co., Spring Garden, Ala.
Hutcheson Mfg. Co., Banning, Ga.
Ida Yarn Mill, Laurel Hill, N. C.
January & Wood Co., Maysville, Ky.
E. Jencks Mfg. Co., Pawtucket, R. I.
J. F. Jones, Laurel, N. C.
Kerr Thread Co., Fall River, Mass.
Laurel Mills, Baltimore, Md.
Lees Mfg. Co., Westport, Conn.
J. W. Lewis & Co., Chester, Pa.
Lincoln Mfg. Co., Chester, Pa.
R. W. Lord & Co., Kennebunk, Me.
Maginnis Cotton Mills, Inc., New Orleans, La.
Massasoit Mfg. Co., Montville, Conn.
May's Landing Water Power Co., 626 Chestnut St., Phila., Pa.
McAden Mills, McAdensville, N. C.
Mississippi Mills, Wesson, Miss.
Monbo Mfg. Co., Monbo, N. C.
J. R. Montgomery Co., Windsor Locks, Conn.
Oakdale Cotton Mills, Inc., Jamestown, N. C.
Pendleton Mfg. Co., Autun, S. C.
Phoenix Factory, Augusta, Ga.
Piedmont Mfg. Co., Piedmont, S. C.
A. Platt & Son, Manayunk, Philadelphia, Pa.
Ravine Mills Co., Vernon, Conn.
Reading Cotton Mill, Reading, Pa.
Clayton G. Rice, Manayunk, Philadelphia, Pa.
Richmond Cotton Mills, Laurel Hill, N. C.
Samuel Riddle's Sons, Glen Riddle, Pa.
Rockville Warp Mills Co., Rockville, Conn.

	Rockymount Mills, Rockymount, N. C.
	Rope & Yarn Mills, Tuscaloosa, Ala.
	Roswell Mfg. Co., Roswell, Ga.
	Russell Mfg. Co., Middletown, Conn.
	Sanford Spinning Co., Fall River, Mass.
	F. L. Sayles & Co., Pascoag, R. I.
	Sibley Mfg. Co., Augusta, Ga.
	Slater Cotton Co., 49 Church St., Pawtucket, R. I.
	Stafford Mfg. Co., Central Falls, R. I.
	Star Thread Co., Athens, Ga.
	F. A. Straus, 93 Greene St., New York.
	Sutherland Mfg. Co., Augusta, Ga.
	Sycamore Mills, Sycamore, Ala.
	Talladega Cotton Factory, Talladega, Ala.
	Tallassee Falls Mfg. Co., Tallassee, Ala.
	P. M. Tate, Alice, Ga.
	Thomas Cotton Mills, Little Rock, Ark.
	D. Trainer & Sons Mfg. Co., Inc., Trainer, Pa.
	Tuckaseege Mfg. Co., Mount Holly, N. C.
	Tuscaloosa Mills, Cottondale, Ala.
	Union Springs Cotton Mills, Union Springs, Ala.
	Wamsutta Mills, New Bedford, Mass.
	Warren Mfg. Co., Oregon, Tenn.
	Warwick Cotton Mills Co., Augusta, Ga.
	Wehadkee Cotton Mills, Rock Mills, Ala.
	West Boylston Mfg. Co., Oakdale, Mass.
	West Huntsville Cotton Mills, Huntsville, Ala.
	Whittier Cotton Mills, Lowell, Mass.
	A. Williams & Co., South Woodstock, Conn.
	Willimantic Linen Co., Willimantic, Conn.
	J. Worth Mfg. Co., Worthville, N. C.
L. FANCY MIXED YARN.	Crabtree & Patchett, Montgomery, N. Y.
M. FODDER YARN.	Columbia Cordage Co., Auburn, N. Y.
	R. A. Kelly Co., Xenia, O.
	Union Selling Co., 19 State St., New York.
N. GENAPPED YARN.	Erben, Harding & Co., 26 S. 3d St., Philadelphia, Pa.
	Tingue Mfg. Co., Seymour, Conn.
O. HOSIERY YARN.	Atlantic Cotton Mills, Lawrence, Mass.
	James C. Billmyre, Martin, W. Va.
	J. Broadbent & Son, Unionville, Conn.
	Cannon Mfg. Co., Concord, N. C.
	Arnold B. Chase, Moodus, Conn.
	J. H. Clasgens Co., New Richmond, O.
	Dexter Yarn Co., Pawtucket, R. I.
	S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
	Globe Yarn Mills, Fall River, Mass.
	Thos. Henry & Sons, 116 Arch St., Philadelphia, Pa.
	January & Wood Co., Maysville, Ky.
	Mohawk Valley Cotton Mills, Utica, N. Y.
	Monbo Mfg. Co., Monbo, N. C.
	A. Platt & Son, Manayunk, Philadelphia, Pa.
	Portage Hosiery Co., Portage, Wis.
	Raleigh Cotton Mills, Raleigh, N. C.
	John Scanlan, Morrilton, Ark.
	Standard Yarn Co., Oswego, N. Y.
	Tremont & Suffolk Mills, Lowell, Mass.
	Utica Steam Cotton Mills, Utica, N. Y.
	Willimantic Linen Co., Willimantic, Conn.
P. JUTE YARN.	Dolphin Jute Mills, Paterson, N. J.
	Schlichter Jute Cordage Co., 21 N. Front St., Phila., Pa.
Q. KNITTING YARN.	Beargrass Woolen Mills, Louisville, Ky.
	J. & H. Clasgens Co., New Richmond, O.
	Crabtree & Patchett, Montgomery, N. Y.
	S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
R. LATH YARN.	Columbia Cordage Co., Auburn, N. Y.
	Union Selling Co., 19 State St., New York.
S. LINEN YARN.	Barbour Flax Spinning Co., Paterson, N. J.
	Dumbarton Flax Spinning Co., Greenwich, N. Y.
	A. H. Hart Co., 90 White St., New York.
	Marshall & Co., Kearney, N. J.
	C. Moore & Co., 500 Market St., Philadelphia, Pa.
	Smith & Dove Mfg. Co., Andover, Mass.
	W. Warren Thread Works, Westfield, Mass.
T. LISLE THREAD YARN.	Globe Yarn Mills, Fall River, Mass.
	W. Warren Thread Works, Westfield, Mass.
	Willimantic Linen Co., Willimantic, Conn.

U. MERINO YARN.

Beswick & Kay, 2534 Callowhill St., Philadelphia, Pa.
Burlington, Winooski & Colchester Mills, 346 B'way, N. Y.
Jos. Fling's Sons, Germantown, Philadelphia, Pa.
Guerin Spinning Co., Woonsocket, R. I.
Hamill & Co., Germantown, Philadelphia, Pa.
Joseph Randall & Bro., Germantown, Philadelphia, Pa.
River Spinning Co., Woonsocket, R. I.

V. MOHAIR YARN.

Brainerd & Armstrong Co., New London, Conn.
D. Goff & Sons, Pawtucket, R. I.
Richard Hey & Son, Manayunk, Philadelphia, Pa.
F. A. Straus, 93 Greene St., New York.
Tingue Mfg. Co., Seymour, Conn.

W. SILK YARN.

Cheney Bros., Inc., South Manchester, Conn.
Nonotuck Silk Co., Florence, Mass.
Sauquoit Silk Mfg. Co., Sauquoit, N. Y.
F. A. Straus, 93 Greene St., New York.

X. WOOLEN YARN.

Alcorn Woolen Mfg. Co., Corinth, Mass.
Amana Society, Homestead, Iowa.
Appleton Woolen Mills, Appleton, Wis.
Athens Mfg. Co., Athens, Ga.
Bangor Woolen Co., Bangor, Wis.
Barron Woolen Mills Co., Barron, Wis.
Beargrass Woolen Mills, Louisville, Ky.
Beswick & Kay, 2534 Callowhill St., Philadelphia, Pa.
J. J. Blue, Etrick, Wis.
Bonsack Bros., Bonsack's, Va.
Boscobel Woolen Co., Boscobel, Wis.
B. F. Boyer & Co., Delaware & Cooper Sts., Phila., Pa.
Brimer Bros. & Co., Richland Centre, Wis.
Brown Bros., Shiloh, W. Va.
Capitol City Woolen Mills, Des Moines, Iowa.
Cedarburg Woolen & Worsted Mills, Cedarburg, Wis.
J. & H. Clasgens Co., New Richmond, O.
John H. Dearnley, 8th & Somerset Sts., Philadelphia, Pa.
Thomas Dolan & Co., Hancock St. & Columbia Av.,Phil.,Pa.
John Englehart, Guseman, W. Va.
Erben, Harding & Co., 26 W. 3d St., Philadelphia, Pa.
S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
Jos. Fling's Sons, Germantown, Philadelphia, Pa.
Henry Fox & Co., Urbana, O.
French Lumbering Co., Chippewa Falls, Wis.
Isaiah Glenn, Avalanche, Wis.
Globe Woolen Co., Utica, N. Y.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Hamill & Co., Germantown, Philadelphia, Pa.
Lewin K. Heathcote & Co., Glen Rock, Pa.
E. S. Higgins Carpet Co., 41 Union Square, New York.
Hollywood Mfg. Co., Hollywood, W. Va.
E. Jenckes Mfg. Co., Pawtucket, R. I.
Kanawha Woolen Mills, Charleston, W. Va.
D. Kennedy & Sons, Monticello, Wis.
M. A. Kent, Enosburg Falls, Vt.
James Lees & Sons, Bridgeport, Pa.
John Lonsdale's Sons, Dale, Iowa.
L. S. McBee, Bloomery, W. Va.
George Merritt & Co., Indianapolis, Ind.
S. H. Miller, Stephens City, Va.
A. S. Morrison & Bros., Braintree, Mass.
Nelson Mfg. Co., Tye River Depot, Va.
New Albany Woolen Mills, New Albany, Ind.
Oregon City Mfg. Co., Oregon City, Ore.
M. T. Parkham & Sons, Marysville, Tenn.
J. R. & J. H. Perkins & Co., Riverhead, N. Y.
James Proctor, Genesee, Wis.
Joseph Randall & Bro., Germantown, Philadelphia, Pa.
Clayton G. Rice, Manayunk, Philadelphia, Pa.
Jonathan Ring & Son, 1759 N. Hancock St., Phila., Pa.
River Spinning Co., Woonsocket, R. I.
Saxonville Mills, Boston, Mass.
Jos. Scatchard's Sons, Germantown, Philadelphia, Pa.
A. C. Scherr, Maysville, W. Va.
Schofield, Mason & Co., Cumberland & N.Fairhill., Phil., Pa.
Wm. Scholes & Son, N. 2d n. Cambria St., Philadelphia, Pa.
Seymour Woolen Factory Co., Seymour, Ind.
Shuler & Benninghofen, Hamilton, O.
Geo. Shimer & Son, Camden, N. J.

Slayden-Kirksey Woolen Mills, Inc., Waco, Tex.
A. Sperling, Appleton, Wis.
Spokane Textile Mfg. Co., Spokane, Wash.
C. P. Sprangler, Raleigh, W. Va.
Edward T. Steel & Co., 24 Bank St., Philadelphia, Pa.
Stoneville Worsted Co., Worcester, Mass.
Vaughn Bros., Vaughn, Va.
Walter & Feltner, Webster, W. Va.
Wells Woolen Co., Neshkoro, Wis.
Wm. Whitaker & Sons, 236 Church St., Philadelphia, Pa.
H. W. Willis, Salem, W. Va.
Winger & Winger, Little Falls, Wis.

Y. WORSTED YARN.
Abbot & Co., Graniteville, Mass.
American Mills Co., Rockville, Conn.
Botany Worsted Mills, Passaic, N. J.
B. F. Boyer & Co., Delaware & Cooper Sts., Phila., Pa.
George Campbell & Co., 244 Chestnut St., Philadelphia, Pa.
Crabtree & Patchett, Montgomery, N. Y.
Howland Croft, Sons & Co., Camden, N. J.
Alexander Crow, Jr., 467 City Hall, Philadelphia, Pa.
John H. Dearnley, 8th & Somerset Sts., Philadelphia, Pa.
John & Jas. Dobson, 1003 Filbert St., Philadelphia, Pa.
Erben, Harding & Co., 26 N. 3d St., Philadelphia, Pa.
Firth Carpet Co., Firthcliffe, N. Y.
S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
Globe Woolen Co., Utica, N. Y.
D. Goff & Sons, Pawtucket, R. I.
Wm. H. Grundy & Co., 108 S. Front St., Philadelphia, Pa.
Health Underwear Co., Poquonock, Conn.
E. S. Higgins Carpet Co., 41 Union Square, New York.
Highland Worsted Mills, Camden, N. J.
James Lees & Sons Co., Bridgeport, Pa.
J. T. Perkins Co., Kent Av. c. Hooper St., B'klyn, N. Y.
Saxonville Mills, Framingham, Mass.
Schofield, Mason & Co., Cumberland & N.Fairhill.,Phila.,Pa.
Star Worsted Co., Fitchburg, Mass.
Edward T. Steel & Co., 24 Bank St., Philadelphia, Pa.
Steere Worsted Mill, Providence, R. I.
Stoneville Worsted Co., Worcester, Mass.
F. A. Straus, 93 Greene St., New York.
Tracy Worsted Mills Co., 2500 Spruce St., Philadelphia, Pa.
Trenton Worsted Mills, Trenton, N. J.
Wm. E. Walsh, Lowell, Mass.
Washington Mills Co., Lawrence, Mass.

Z. ZEPHYR YARN.
S. B. & B. W. Fleisher, 28 S. 6th St., Philadelphia, Pa.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

XXXIX. TOYS AND SPORTING GOODS.

3175. AIR GUNS & PARTS.
Eben Pierce, New Bedford, Mass.
H. M. Quackenbush, Herkimer, N. Y.

A. AIR GUN AMMUNITION.
H. M. Quackenbush, Herkimer, N. Y.

3176. ARCHERY GOODS.
R. Bliss Mfg. Co., Pawtucket, R. I.
Peck & Snyder, 132 Nassau St., New York.
Wright & Ditson, Inc., 580 Washington St., Boston, Mass.

3177. BALLOONS, TOY.
American Flag Co., 45 Elizabeth St., New York.
Detwiller & Street Fireworks Mfg. Co., 170 Fulton St., N. Y.

3178. BANKS, TOY.
H. C. Hart Mfg. Co., Detroit, Mich.
A. H. Hews & Co., North Cambridge, Mass.
H. L. Judd & Co., 87 Chambers St., New York.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
J. & E. Stevens Co., Cromwell, Conn.
Weeden Mfg. Co., New Bedford, Mass.

3179. BASE BALL GOODS.
Peck & Snyder, 132 Nassau St., New York.
A. J. Reach Co., 703 Tulip St., Philadelphia, Pa.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.

A. BASE BALL BATS.	Booth & Rockwell, Monroeton, Pa.
	E. I. Horsman, 380 Broadway, New York.
	Peck & Snyder, 132 Nassau St., New York.
	H. Rademaker & Sons, Grand Rapids, Mich.
	A. J. Reach Co., 703 Tulip St., Philadelphia, Pa.
	South Bend Toy Mfg. Co., South Bend, Ind.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
B. BASE BALL MASKS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
C. BASE BALLS.	Cornwall & Patterson Mfg. Co., Bridgeport, Conn.
	Hartley & Graham, 313 Broadway, New York.
	H. Harwood & Son, Natick, Mass.
	E. I. Horsman, 380 Broadway, New York.
	Ives & Williams Co., Bridgeport, Conn.
	Peck & Snyder, 132 Nassau St., New York.
	A. J. Reach Co., 703 Tulip St., Philadelphia, Pa.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
D. BASES.	J. J. Warren Co., Worcester, Mass.
E. BAT BAGS.	J. J. Warren Co., Worcester, Mass.
3180. BELL TOYS.	Bevin Bros. Mfg. Co., Easthampton, Conn.
	Gong Bell Mfg. Co., East Hampton, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Novelty Mfg. Co., Waterbury, Conn.
3181. BICYCLE & TRICYCLE SUNDRIES.	
	American Specialty Mfg. Co., Hartford, Conn.
	Ames Sword Co., Chicopee, Mass.
	Bevin Bros. Mfg. Co., East Hampton, Conn.
	Carlisle Mfg. Co., South Bend, Ind.
	Gormully & Jeffery Mfg. Co., 226 N. Franklin St., Chic., Ill.
	Home Rubber Co., Trenton, N. J.
	Hubley Mfg. Co., Lancaster, Pa.
	Overman Wheel Co., Chicopee Falls, Mass.
	D. S. Plumb, Newark, N. J.
	Pope Mfg. Co., 77 Franklin St., Boston, Mass.
	Pope Tube Co., Hamilton St., Hartford, Conn.
	Reading Screw Co., 2720 Hope St., Philadelphia, Pa.
	Runge Mfg. Co., Meriden, Conn.
	C. J. Smith & Sons Co., Milwaukee, Wis.
	H. B. Smith Machine Co., Smithville, N. J.
	Chas. F. Stokes & Sons, Inc., 293 Wabash Av., Chicago, Ill.
A. BICYCLE CEMENT.	Eclipse Cement Co., 1238 Belmont Av., Philadelphia, Pa.
	Franklin Company, Bound Brook, N. J.
	Overman Wheel Co., Chicopee Falls, Mass.
	National Cement & Rubber Mfg. Co., Toledo, O.
	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
B. BICYCLE CHAIN ADJUSTERS.	Clark Bros. & Co., Milldale, Conn.
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	Standard Tool Co., Cleveland, O.
	D. Wilcox Mfg. Co., Mechanicsburg, Pa.
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	Cornell Rotary Cycle Chain Brush Co., Adrian, Mich.
D. BICYCLE CHAIN LUBRICANTS	Cox & Tingley, Elizabeth, N. J.
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	Franklin Company, Bound Brook, N. J.
	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
	Specialty Supply Co., 150 5th Av., New York.
E. BICYCLE CHAIN RIVET DETACHERS.	Chain Rivet Detacher Co., Benton Harbor, Mich.
F. BICYCLE CLEANING RACKS.	Richard W. Montross, Galien, Mich.
G. BICYCLE COVERS.	G. E. Constantin, 82 Sackman St., Brooklyn, N. Y.
H. BICYCLE CRATES.	Saginaw Basket Co., Saginaw, Mich.
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	W. W. Lawrence & Co., Pittsburg, Pa.
	John Lucas & Co., Gibbsboro, N. J.
	National Cement & Rubber Mfg. Co., Toledo, O.
	Overman Wheel Co., Chicopee Falls, Mass.
	F. O. Pierce & Co., 170 Fulton St., New York.
	Standard Varnish Works, 29 Broadway, New York.
	C. A. Woolsey Paint & Color Co., Jersey City, N. J.
J. BICYCLE EXPANDERS.	Modan Mfg. Co., Cleveland, O.
BICYCLE HANGERS.	Lane Bros. Co., Poughkeepsie, N. Y.
	League Cycle Works, Milwaukee, Wis.
	Pullman Sash Balance Co., Rochester, N. Y.
	Tie Company, Unadilla, N. Y.

L. BICYCLE HOLDERS.	Westcott Jewell Co., Seneca Falls, N. Y.
	Frank W. Whitcher & Co., 4 High St., Boston, Mass.
M. BICYCLE HOME TRAINERS.	F. E. Myers & Bro., Ashland, O.
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	Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
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	Star Mfg. Co., 158 Whalley Av., New Haven, Conn.
	Union Lock & Hardware Co., Lancaster, Pa.
Q. BICYCLE OIL CUPS.	Moseley Lathe Co., Elgin, Ill.
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S. BICYCLE POLISH.	Burnham & Co., 28 Warren St., New York.
	Specialty Supply Co., 150 5th Av., New York.
T. BICYCLE PUMPS.	Bridgeport Brass Co., Bridgeport, Conn.
	Buescher Mfg. Co., Elkhart, Ind.
	Henry Haas & Son, 551 W. 35th St., New York.
	William R. Hartigan, Collinsville, Conn.
	Manhattan Brass Co., 338 E. 28th St., New York.
	Matthews & Willard Mfg. Co., Waterbury, Conn.
	New Departure Bell Co., Bristol, Conn.
	P. & F. Mfg. Co., Reading, Pa.
	D. B. Smith & Co., Utica, N. Y.
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	Frasse Co., 38 Cortlandt St., New York.
	Kelley & Haworth, Greentown, Ind.
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W. BICYCLE STANDS, FOLDING.	Bridgeport Gun Implement Co., Bridgeport, Conn.
	City Forge & Iron Works, Dayton, O.
	L. M. Devore & Co., Freeport, Ill.
	Estate of E. A. Burgess, 83 Court St., New Haven, Conn.
	Fred. Hawley, 40 Gold St., New York.
	F. C. Myers & Bro., Ashland, O.
	A. J. Phillips Co., Fenton, Mich.
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	F. L. Ellis & Son, Milldale, Conn.
	Howard Mfg. Co., Mount Holly, N. J.
	Indiana Chain Co., Indianapolis, Ind.
	Robt. H. Ingersoll & Bro., 163 Washington St., New York.
	Racine Malleable & Wrought Iron Co., Racine, Wis.
	Southington Cutlery Co., Southington, Conn.
	Star Mfg. Co., New Haven, Conn.
	Walker & Ehrman Mfg. Co., 134 W. Wash'ton St., Chic., Ill.
	Western Automatic Machine Screw Co., Elyria, O.
	Weston-Mott Co., 501 West St., New York.
A. BICYCLE AXLES.	Chicago Screw Co., 84 Vanburen St., Chicago, Ill.
	Clark Bros. & Co., Milldale, Conn.
B. BICYCLE BALANCES.	Pullman Sash Balance Co., Rochester, N. Y.

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C. BICYCLE BOLTS.	Clark Bros. & Co., Milldale, Conn.	
D. BICYCLE BRACKETS.	Buescher Mfg. Co., Elkhart, Ind.	
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	Aluminum Sign & Novelty Co., Columbus, O.	
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	Forsyth Mfg. Co., Buffalo, N. Y.	
	Indiana Novelty Mfg. Co., Plymouth, Ind.	
	Old Wagon Works, Fort Wayne, Ind.	
	Turner Brass Works, 122 E. Kinzie St., Chicago, Ill.	
G. BICYCLE CHAINS.	Bridgeport Chain Co., Bridgeport, Conn.	*32
	Brown & Wales, Boston, Mass.	
	Chantrell Tool Co., Reading, Pa.	
	Indiana Bicycle Co., Indianapolis, Ind.	
	Indiana Chain Co., Indianapolis, Ind.	
	Indianapolis Chain & Stamping Co., Indianapolis, Ind.	
	Morse Chain Co., Trumansburg, N. Y.	
	Reading Screw Co., 2720 Hope St., Philadelphia, Pa.	
	Stockton Mfg. Co., Newark, N. J.	
	Thames Chain & Stamping Co., Norwich, Conn.	
H. BICYCLE CHAIN STUDS.	Hartford Machine Screw Co., Hartford, Conn.	
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	Chicago Stamping Co., 227 S. Green St., Chicago, Ill.	
	Hartford Machine Screw Co., Hartford, Conn.	
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K. BICYCLE COUPLERS.	Riess Bicycle Coupler Co., Zanesville, O.	
	Specialty Supply Co., 150 5th Av., New York.	
L. BICYCLE CRANK EXTENSIONS.	Cornell Rotary Cycle Chain Brush Co., Adrian, Mich.	
M. BICYCLE CRANK HANGERS.	Wm. H. Fauber, 74 W. Jackson Boul., Chicago, Ill.	
	League Cycle Works, Milwaukee, Wis.	
	Modan Mfg. Co., Cleveland, O.	
	Park City Mfg. Co., S. Clinton & W. Jackson Boul., Chic., Ill.	
	Racine Malleable & Wrought Iron Co., Racine, Wis.	
	C. J. Smith & Sons Co., Milwaukee, Wis.	
	Walker & Ehrman Mfg. Co., 134 W. Wash'ton St., Chic., Ill.	
	D. Wilcox Mfg. Co., Mechanicsburg, Pa.	
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R. BICYCLE FORKS.	Wm. H. Fauber, 74 W. Jackson Boulevard, Chicago, Ill.	
	C. J. Smith & Sons Co., Milwaukee, Wis.	
S. BICYCLE FORK SIDES.	Standard Tool Co., Cleveland, O.	
T. BICYCLE FRAME FITTINGS.	Beckley-Ralston Co., 161 Lake St., Chicago, Ill.	
	Bridgeport Brass Co., Bridgeport, Conn.	
	Robt. H. Ingersoll & Bro., 163 Washington St., New York.	
	League Cycle Works, Milwaukee, Wis.	
	Modan Mfg. Co., Cleveland, O.	
	Racine Malleable & Wrought Iron Co., Racine, Wis.	
	Harry E. Stahl, Trenton, N. J.	
	Walker & Ehrman Mfg. Co., 134 W. Wash'ton St., Chicago, Ill.	
	D. Wilcox Mfg. Co., Mechanicsburg, Pa.	
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	Shone, Hanna Mfg. Co., Rochester, N. Y.	
	Harry E. Stahl, 226 S. Warren St., Trenton, N. J.	
V. BICYCLE FRAME SETS.	Beckley-Ralston Co., 161 Lake St., Chicago, Ill.	
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	Olds Wagon Works, Fort Wayne, Ind.
	Pope Tube Co., Hartford, Conn.
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	Snell Cycle Fittings Co., Toledo, O.
	Harry E. Stahl, Trenton, N. J.
	U. S. Bent Wood Co., Springfield, Mass.
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	W. S. Frazier & Co., Aurora, Ill.
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	Howard Mfg. Co., Mount Holly, N. J.
	League Cycle Works, Milwaukee, Wis.
	Modan Mfg. Co., Cleveland, O.
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	C. J. Smith & Sons Co., Milwaukee, Wis.
	Snell Cycle Fittings Co., Toledo, O.
	Stockton Mfg. Co., Newark, N. J.
	Walker & Ehrman Mfg. Co., 134 W.Wash'ton St., Chic., Ill.
	I. A. Weston Co., Inc., Syracuse, N. Y.
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		Indiana Novelty Mfg. Co., Plymouth, Ind.
		Kerr Bros. & Co., Hicksville, O.
		H. Lauter, Indianapolis, Ind.
		Olds Wagon Works, Fort Wayne, Ind.
		Pope Mfg. Co., Boston, Mass.
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		E. B. Shields, Hudson, O.
		Winona Wood Rim Co., Winona, Minn.
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		Carlisle Mfg. Co., South Bend, Ind.
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		Hollenbeck Saddle Co., Syracuse, N. Y.
		Hulbert Bros. & Co., 236 5th Av., New York.
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		J. Lonn & Sons Co., La Porte, Ind.
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		Mesinger Bicycle Saddle Co., 1320 Av. A., New York.
		Newark Cycle Specialty Co., Newark, N. J.
		P. & F. Mfg. Co., Reading, Pa.
		James E. Plew, 10 S. West Water St., Chicago, Ill.
		Stover Bicycle Mfg. Co., Freeport, Ill.
		Topliff & Ely Co., Elyria, O.
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		Clark Bros. & Co., Milldale, Conn.
		Western Automatic Machine Screw Co., Elyria, O.
PP.	BICYCLE SEAT POSTS.	Bremer Cycle Mfg. Co., Milwaukee, Wis.
		Buescher Mfg. Co., Elkhart, Ind.
		Chicago Handle Bar Co., 312 5th Av., Chicago, Ill.
		League Cycle Works, Milwaukee, Wis.
		Pope Tube Co., Hartford, Conn.
		Racine Malleable & Wrought Iron Co., Racine, Wis.
		Standard Tool Co., Cleveland, O.
		D. Wilcox Mfg. Co., Mechanicsburg, Pa.
QQ.	BICYCLE SPOKES.	American Specialty Co., Bridgeport, Conn.
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Bean-Chamberlin Mfg. Co., Hudson, Mich.
Black Mfg. Co., Erie, Pa.
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Hampshire Cycle Mfg. Co., Northampton, Mass.
Hartford Cycle Co., Hartford, Conn.
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Tricycle Mfg. Co., Springfield, O.
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Elektron Cycle Co., Plymouth, Ind.
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L. H. Mace & Co., 111 E. Houston St., New York.
Peck & Snyder, 132 Nassau St., New York.
Geo. N. Pierce Co., Buffalo, N. Y.
S. A. Smith & Co., Brattleboro, Vt.
A. G. Spalding & Bros., 132 Nassau St., New York.
Chas. F. Stokes & Sons, Inc., 293 Wabash Av., Chicago, Ill.
Tricycle Mfg. Co., Springfield, O.

G. INVALID TRICYCLES.
Fay Mfg. Co., Elyria, O.

H. TANDEMS.
Barnes Cycle Co., Syracuse, N. Y.
Bean-Chamberlin Mfg. Co., Hudson, Mich.
Elektron Cycle Co., Plymouth, Ind.

I. TRICYCLES.
Ames Sword Co., Chicopee, Mass.
Carlisle Mfg. Co., South Bend, Ind.
Chicago Chair & Wheel Co., 273 Wabash Av., Chicago, Ill.
Fay Mfg. Co., Elyria, O.
Gendron Wheel Co., Toledo, O.
Gormully & Jeffery Mfg. Co., 226 N. Franklin St., Chic., Ill.
Marlin Fire Arms Co., New Haven, Conn.
Overman Wheel Co., Chicopee Falls, Mass.
G. N. Pierce Co., Buffalo, N. Y.
Pope Mfg. Co., Boston, Mass.
W. S. Reed & Co., Leominster, Mass.
Chas. F. Stokes & Sons, Inc., 293 Wabash Av., Chicago, Ill.
Toledo Metal Wheel Co., Toledo, O.
Tricycle Mfg. Co., Springfield, O.

3185. BILLIARD SUPPLIES.
C. G. Akam Mfg. Co., 12 Adams St., Chicago, Ill.
Brunswick-Balke-Collender Co., 860 Broadway, New York.
F. Grote & Co., 114 E. 14th St., New York.
Schulenburg Mfg. Co., Detroit, Mich.
Joseph Shardlow, 116 Fulton St., New York.

A. BILLIARD & POOL BALLS.
Albany Billiard Ball Co., Albany, N. Y.
A. Ball & Bro., 85 Market St., Chicago, Ill.
Brunswick-Balke-Collender Co., 17th St.& B'way, New York.
F. Grote & Co., 114 E. 14th St., New York.
Kaldenberg Importing & Trading Co., 438 Broome St., N.Y.
Schulenburg Mfg. Co., Detroit, Mich.
Joseph Shardlow, 116 Fulton St., New York.

B. BILLIARD CUES.
Brunswick-Balke-Collender Co., 17th St. & B'way, New York.
F. Grote & Co., 114 E. 14th St., New York.
Kaldenberg Importing & Trading Co., 438 Broome St., N.Y.
Joseph Shardlow, 116 Fulton St., New York.

C. CUE CUTTERS.
Brunswick-Balke-Collender Co., 17th St.& B'way, New York.
F. Grote & Co., 114 E. 14th St., New York.

D. CUE TIPS.
F. Grote & Co., 114 E. 14th St., New York.
Schulenburg Mfg. Co., Detroit, Mich.
Joseph Shardlow, 116 Fulton St., New York.

E. FANCY BILLIARD CUE HANDLES.
Bascarman Mfg. Co., Malden, Mass.

F. POOL CHECKS.
Wm. T. Cressler, Cincinnati, O.

G. POOL TRIANGLES.
Crane Bros., Westfield, Mass.

3186. BILLIARD TABLES.
Brunswick-Balke-Collender Co., 17th St.& B'way, New York.
W. H. Griffith & Co., 16 4th Av., New York.
National Billiard Mfg. Co., Cincinnati, O.
Schulenburg Mfg. Co., Detroit, Mich.
B. A. Stevens, Toledo, O.

3187. BLOCKS, TOY.
R. Bliss Mfg. Co., Pawtucket, R. I.
Milton Bradley Co., Springfield, Mass.

L. H. Mace & Co., 111 E. Houston St., New York.
McLoughlin Bros., 890 Broadway, New York.
Westcott-Jewell Co., Seneca Falls, N. Y.
Whitney Reed Chair Co., Leominster, Mass.

A. ALPHABET BLOCKS.
Milton Bradley Co., Springfield, Mass.
Embossing Co., Albany, N. Y.
McLoughlin Bros., 890 Broadway, New York.
H. C. Underwood Mfg. Co., Wabash, Ind.
Westcott-Jewell Co., Seneca Falls, N. Y.

B. BUILDING BLOCKS.
American News Co., 41 Chambers St., New York.
R. Bliss Mfg. Co., Pawtucket, R. I.
E. I. Horsman, 512 Broadway, New York.
L. H. Mace & Co., 111 E. Houston St., New York.
Peck & Snyder, 132 Nassau St., New York.
Westcott-Jewell Co., Seneca Falls, N. Y.
Whitney Reed Chair Co., Leominster, Mass.

3188. BOOKS, TOY.
McLoughlin Bros., 890 Broadway, New York.

3189. BOW GUNS.
R. Bliss Mfg. Co., Pawtucket, R. I.

3190. BOWLING ALLEYS.
Brunswick-Balke-Collender Co., 17th St.& B'way, New York.
Wm. G. Dillingham, 54 South St., New York.
F. Grote & Co., 114 E. 14th St., New York.
Narragansett Machine Co., Providence, R. I.
Schulenburg Mfg. Co., Detroit, Mich.
B. A. Stevens, Toledo, O.

A. ALLEY FURNITURE.
E. Schloss & Co., 530 Cherry St., New York.

B. TEN PIN BALLS.
Brunswick-Balke-Collender Co.,17th St.& B'way, New York.
Wm. G. Dillingham, 54 South St., New York.
F. Grote & Co., 114 E. 14th St., New York.
Narragansett Machine Co., Providence, R. I.
Schulenburg Mfg. Co., Detroit, Mich.
Joseph Shardlow, 116 Fulton St., New York.
John Sommer's Sons, Newark, N. J.

C. TEN PINS.
Booth & Rockwell, Monroeton, Pa.
Brunswick-Balke-Collender Co.,17th St.& B'way, New York.
Francis Cundey, Philadelphia, Pa.
Wm. G. Dillingham, 54 South St., New York.
F. Grote & Co., 114 E. 14th St., New York.
A. Meinecke & Sons, Milwaukee, Wis.
Narragansett Machine Co., Providence, R. I.
Redlich Mfg. Co., Chicago, Ill.
Schulenburg Mfg. Co., Detroit, Mich.
Joseph Shardlow, 116 Fulton St., New York.

3191. BOXING GLOVES.
Ives & Williams Co., Bridgeport, Conn.
A. J. Reach Co., 1703 Tulip St., Philadelphia, Pa.
J. D. Shibe & Co., 1435 N. Front St., Philadelphia, Pa.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
Wright & Ditson, Inc., Boston, Mass.

3192. CARROUSELS.
Armitage & Herschell Co., North Tonawanda, N. Y.
Norman & Evans, Lockport, N. Y.
Queen City Carrousel Co., Cincinnati, O.

A. CARROUSEL HORSES.
A. Meinecke & Son, Milwaukee, Wis.
Queen City Carrousel Co., Cincinnati, O.

3193. CATAPULTS.
Seamless Rubber Co., New Haven, Conn.

3194. CAT COLLARS.
Medford Fancy Goods Co., 44 Duane St., New York.

3195. COOKING UTENSILS, TOY.
Standard Mfg. Co., Pittsburg, Pa.
J. & E. Stevens Co., Cromwell, Conn.

A. TOY STOVES.
J. & E. Stevens Co., Cromwell, Conn.

3196. CRICKET GOODS.
Francis Cundey, Philadelphia, Pa.
Peck & Snyder, 132 Nassau St., New York.
Wright & Ditson, Inc., Boston, Mass.

3197. CROQUET.
R. Bliss Mfg. Co., Pawtucket, R. I.
H. Rademaker & Sons, Grand Rapids, Mich.
South Bend Toy Mfg. Co., South Bend, Ind.
[illegible] Spalding & Bros., Inc., 132 Nassau St., New York.
A. G. Spa[illegible] Putney, Vt.
Stowell Mfg. Co., [illegible]

3198. DECOYS.
F. A. Allen, Monmouth, Ill.
Jasper N. Dodge, Detroit, Mich.

A. DECOY DUCKS.
Buffalo Last Works, Buffalo, N. Y.
Jasper N. Dodge, Detroit, Mich.
Horne & Danz Co., St. Paul, Minn.

3199. DOG FURNISHINGS.

A. DOG BRUSHES.
Medford Fancy Goods Co., 44 Duane St., New York.
Pope & Stevens, 114 Chambers St., New York.

B. DOG CHAINS.
Bridgeport Chain Co., Bridgeport, Conn. *32
Chapman Mfg. Co., Meriden, Conn.

Oneida Community, Ltd., Oneida, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.

C. DOG COLLAR LICENSE TAGS. Medford Fancy Goods Co., 44 Duane St., New York.

D. DOG COLLAR LOCKS. Ames Sword Co., Chicopee, Mass.
Chapman Mfg. Co., Meriden, Conn.
Medford Fancy Goods Co., 44 Duane St., New York.
I. Richardson & Son, New Haven, Conn.
Tower & Lyon, 95 Chambers St., New York.

E. DOG COLLARS. Chapman Mfg. Co., Meriden, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Pope & Stevens, 114 Chambers St., New York.
Union Hardware Co., Torrington, Conn.
Ira F. White & Co., 76 Park Place, New York.

F. DOG COLLAR TRIMMINGS. Chapman Mfg. Co., Meriden, Conn.
Novelty Mfg. Co., Waterbury, Conn.
Standard Rivet Co., Boston, Mass.

G. DOG COMBS. Chapman Mfg. Co., Meriden, Conn.
Medford Fancy Goods Co., 44 Duane St., New York.

H. DOG HARNESS. Chapman Mfg. Co., Meriden, Conn.
Medford Fancy Goods Co., 44 Duane St., New York.
Novelty Mfg. Co., Waterbury, Conn.

I. DOG LEADS. Chapman Mfg. Co., Meriden, Conn.
Medford Fancy Goods Co., 44 Duane St., New York.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Union Hardware Co., Torrington, Conn.

J. DOG MUZZLES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Chapman Mfg. Co., Meriden, Conn.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
National Mfg. Co., Worcester, Mass.
Union Hardware Co., Torrington, Conn.

K. DOG WHIPS. Bay State Whip Co., Westfield, Mass.
Chapman Mfg. Co., Meriden, Conn.
Westfield Whip Co., Westfield, Mass.

L. HOUND LASHES. Chapman Mfg. Co., Meriden, Conn.
Union Hardware Co., Torrington, Conn.

M. KENNEL CHAINS. Bridgeport Chain Co., Bridgeport, Conn. *32

00. DOLL CARRIAGES. Wm. E. Crandall, 569 3d Av., New York.
Garton Toy Co., Sheboygan, Wis.
Gendron Wheel Co., Toledo, O.
Jacob Kaiser & Co., St. Louis, Mo.
Kinley Mfg. Co., S. Hoyne Av., Chicago, Ill.
Marqua Carriage & Toy Co., Cincinnati, O.
A. Meinecke & Son, Milwaukee, Wis.
South Bend Toy Mfg. Co., South Bend, Ind.
Whitney Reed Chair Co., Leominster, Mass.

A. DOLL CARRIAGE GEARS. Chas. R. Field Mfg. Co., Greenfield, Mass.
South Bend Mfg. Co., South Bend, Ind.

3201. DOLLS. Inventors' Novelty Mfg. Co., Philadelphia, Pa.
Henry Klein, Cincinnati, O.

A. DOLL HEADS & BODIES. Chas. F. Braitling & Sons, Bridgeport, Conn.
Francis P. Knell, Philadelphia, Pa.

B. DOLLS, DRESSED. W. J. McHenry, Philadelphia, Pa.

C. DOLL SHOES. Chas. F. Braitling & Sons, Bridgeport, Conn.
Henry Wolbold, 2559 N. 6th St., Philadelphia, Pa.

D. DOLLS, RUBBER. N. Y. Rubber Co., 84 Reade St., New York.

E. DOLLS' WEAR. Dinkelspiel & Co., New York.

F. TALKING DOLLS. Edison Mfg. Co., 1137 Broadway, New York.

3202. DRILL GUNS FOR SCHOOLS & SOCIETIES.
F. A. Requarth Co., Dayton, O.

3203. DRIVING REINS, BOYS.
Kirby Mfg. Co., Middletown, Conn.

3204. DRUMS, TOY. Howard Dickinson, Granville, Mass.
Geo. Velsor, 502 Metropolitan Av., Brooklyn, N. Y.

3205. DUMB BELLS. John Campbell, Manchester, N. H.
Chalfant Mfg. Co., Atglen, Pa.
Jas. L. Haven, Cincinnati, O.
Ives & Williams Co., Bridgeport, Conn.
Victor Knecht, Cincinnati, O.
Lombard Iron Wks. & Supply Co., Augusta, Ga.
A. Meinecke & Sons, Milwaukee, Wis.
Piqua Handle & Mfg. Co., Piqua, O.
John Sommer's Sons, Newark, N. J.
Springfield Foundry Co., Springfield, Mass.
Sam'l C. Tatum Co., Cincinnati, O.
United States Foundry Co., 11 S. William St., New York.
Wheeler Foundry Co., Worcester, Mass.

	Wrightsville Hardware Co., Wrightsville, Pa.
3206. EXERCISING TUBES.	Goodyear Rubber Co., 787 Broadway, New York.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
3207. FIREARMS, TOY.	
A. PAPER CAP PISTOLS.	R. Bliss Mfg. Co., Pawtucket, R. I.
	Ives & Williams Co., Bridgeport, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	I. & E. Stevens Co., Cromwell, Conn.
	Wilkins Toy Co., Keene, N. H.
B. RUBBER BALL GUNS.	A. Schoenhut & Co., 2215 Adams St., Phila., Pa.
C. TOY CANNON.	H. C. Hart Mfg. Co., Detroit, Mich.
	Hubley Mfg. Co., Lancaster, Pa.
	A. Schoenhut & Co., 2215 Adams St., Phila., Pa.
	I. & E. Stevens Co., Cromwell, Conn.
D. TOY GUNS.	R. Bliss Mfg. Co., Pawtucket, R. I.
	Milton Bradley Co., Springfield, Mass.
	M. F. Koenig, Hazleton, Pa.
	A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.
3208. FIREWORKS.	Aetna Pyrotechnic Co., Hartford, Conn.
	California Fireworks Co. Ltd., San Francisco, Cal.
	Con. Fireworks Co. of America, 9 Park Place, New York.
	Detwiller & Street Fireworks Mfg. Co., 172 Fulton St., N. Y.
	Ives & Williams Co., Bridgeport, Conn.
	Masten & Wells Fireworks Mfg. Co., Roxbury, Mass.
	Pain's Fireworks Co., 5 Park Place, New York.
	Chas. N. Romaine Fireworks Co., Petersburg, Va.
A. SET PIECES.	Pain's Fireworks Co., New York.
3209. FISHING TACKLE.	Malcolm A. Shipley, 432 Market, Philadelphia, Pa.
A. ANGLERS' SPECIALTIES.	Enterprise Mfg. Co., Akron, O.
B. ARTIFICIAL FLIES.	T. N. Chubb Rod Co., Post Mills, Vt.
	Hermann H. Kiffe, 318 Fulton St., Brooklyn, N. Y.
	Wm. T. J. Lowe, Buffalo, N. Y.
	Chas. Plath & Son, 130 Canal St., New York.
C. AUTOMATIC FISHERS.	Phila. Novelty Mfg. Co., N. 13th & Noble Sts., Phila., Pa.
D. BAIT BOXES.	J. J. Warren Co., Worcester, Mass.
E. BAITS, ARTIFICIAL.	Enterprise Mfg. Co., Akron, O.
	Wm. T. J. Lowe, Buffalo, N. Y.
	Chas. Plath & Son, 130 Canal St., New York.
F. BAITS, LUMINOUS.	Enterprise Mfg. Co., Akron, O.
	Wm. T. J. Lowe, Buffalo, N. Y.
G. FISH BASKET STRAPS & SLINGS.	J. J. Warren Co., Worcester, Mass.
H. FISH HOOKS.	American Fish Hook Co., New Haven, Conn.
	M. C. Court, 136 Classon Av., Brooklyn, N. Y.
I. FISHING LINE BOBBERS.	Armstrong Cork Co., 24th St., Pittsburg, Pa.
J. FISHING REELS.	Abbey & Imbrie, 18 Vesey St., New York.
	T. H. Chubb Rod Co., Post Mills, Vt.
	Andrew B. Hendryx & Co., New Haven, Conn.
	B. C. Millam & Son, Frankfort, Ky.
	John Sommer's Sons, Newark, N. J.
	W. H. Talbot, Nevada, Mo.
	Edward Vom Hofe, 97 Fulton St., New York.
	Yawman & Erbe Mfg. Co., Rochester, N. Y.
K. FISHING ROD CORK HANDLES.	Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.
L. FISHING ROD COVERS.	R. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
	Von Lengerke & Detmold, 318 Broadway, New York.
M. FISHING RODS.	Abbey & Imbrie, 18 Vesey St., New York.
	Evan H. Gerrish, Bangor, Me.
	Horton Mfg. Co., Bristol, Conn.
	Aug. F. Meisselbach & Bros., Newark, N. J.
	Montague City Rod Co., Montague City, Mass.
	Robert Ogilvy, 300 Broadway, New York.
	Chas. Plath & Son, 138 Canal St., New York.
	Malcolm A. Shipley, 432 Market St., Phila., Pa.
	A. G. Spalding & Bros. Inc., 132 Nassau, N. Y.
N. FISHING RODS, BAMBOO.	T. H. Chubb Rod Co., Post Mills, Vt.
	Aug. F. Meisselbach & Bro., Newark, N. J.
	A. G. Spalding & Bros. Inc., 132 Nassau, New York.
O. FISHING RODS, SPLIT BAMBOO.	T. H. Chubb Rod Co., Post Mills, Vt.
	Evan H. Gerrish, Bangor, Me.
	Aug. F. Meisselbach & Bros., Newark, N. J.
P. FISHING RODS, STEEL.	Horton Mfg. Co., Bristol, Conn.
Q. FISHING ROD TRIMMINGS.	T. H. Chubb Rod Co., Post Mills, Vt.
R. FISHING TACKLE BOXES.	F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.
S. FISH LINES.	Abbey & Imbrie, 18 Vesey St., New York.

	J. & S. Allen, Walpole, Mass.
	Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
	S. Draper & Son, Troy, N. Y.
	Porterdale Mills, Covington, Ga.
T. FISH NET LEADS.	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
U. FISH ROD CASES.	J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
V. FLOATS.	Enterprise Mfg. Co., Akron, O.
W. FLOATS, LUMINOUS.	Enterprise Mfg. Co., Akron, O.
X. FLY & TACKLE BOOKS.	T. H. Chubb Rod Co., Post Mills, Vt.
	J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
Y. HOOK, LINE, BOB & SINKER.	Tie Co., Unadilla, N. J.
Z. LANDING NET FRAMES.	T. H. Chubb Rod Co., Past Mills, Vt.
	Jasper N. Dodge, Detroit, Mich.
AA. LIVE FISH BAGS.	Chas. Plath & Son, 130 Canal St., New York.
	Malcolm A. Shipley, 432 Market St., Phila., Pa.
BB. SNELLS & LEADERS.	Abbey & Imbrie, 18 Vesey St., New York.
	Chas. Plath & Son, 130 Canal St., New York.
CC. TROLLING BAIT.	Wm. T. J. Lowe, Buffalo, N. Y.
	Chas. Plath & Son, 130 Canal St., New York.
3210. FOOT BALLS.	B. F. Goodrich Co., Akron, O.
	Goodyear Rubber Co., 787 Broadway, New York.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	A. J. Reach Co., 1702 Tulip St., Phila., Pa.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Wright & Ditson, Inc., 580 Washington St., Boston, Mass.
A. FOOT BALL BLADDERS.	B. F. Goodrich Co., Akron, O.
	Tyer Rubber Co., Andover, Mass.
3211. FURNITURE, TOY.	L. H. Mace & Co., 110 E. Houston St., New York.
	A. Meinecke & Son, Milwaukee, Wis.
	Chas. Schoepflin, Gardenville, N. Y.
	Short Mfg. Co., North East, Pa.
	Stowell Mfg. Co., Putney, Vt.
	Whitney Reed Chair Co., Leominster, Mass.
A. TOY BEDSTEADS.	Hubley Mfg. Co., Lancaster, Pa.
	Kenosha Crib Co., Kenosha, Wis.
B. TOY BUREAUS.	A. Meinecke & Son, Milwaukee, Wis.
C. TOY CHAIRS.	Garton Toy Co., Sheboygan, Wis.
	A. Meinecke & Son, Milwaukee, Wis.
	Josiah Partridge & Sons, 360 Pearl St., New York.
	Geo. Spratt & Co., Sheboygan, Wis.
D. TOY CRADLES.	Garton Toy Co., Sheboygan, Wis.
	Kenosha Crib Co., Kenosha, Wis.
	A. Meinecke & Son, Milwaukee, Wis.
E. TOY DESKS.	A. Meinecke & Son, Milwaukee, Wis.
F. TOY FURNITURE, BAMBOO.	Gendron Wheel Co., Toledo, O.
	A. Meinecke & Son, Milwaukee, Wis.
G. TOY FURNITURE, IRON.	J. & E. Stevens Co., Cromwell, Conn.
H. TOY FURNITURE, WIRE.	Andrew B. Hendryx Co., New Haven, Conn.
	Woods, Sherwood & Co., Lowell, Mass.
I. TOY TABLES.	A. Meinecke & Son, Milwaukee, Wis.
	Josiah Partridge & Sons, 360 Pearl St., New York.
	John Regan, Newark, N. J.
J. TOY TABLES, FOLDING.	A. Meinecke & Son, Milwaukee, Wis.
	Wilkinson Mfg. Co., Binghamton, N. Y.
3212. GLOBES, TOY.	Herman Schedler, 27 New Chambers St., New York.
3213. GOLF GOODS.	Bridgeport Gun Implement Co., Bridgeport, Conn.
	A. G. Spalding & Bros., 132 Nassau St., N. Y.
A. GOLF BALLS.	Davidson Rubber Co., Boston, Mass.
	B. F. Goodrich Co., Akron, O.
B. GOLF CLUB HEADS.	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10
C. GOLF CLUBS.	Dann Bros. & Co., New Haven, Conn.
	Hulbert Bros. & Co., 236 5th Av., New York.
D. GOLF CLUB WOOD WORK.	Dann Bros. & Co., 80 Franklin St., New Haven, Conn.
E. GOLF SCORERS.	Thos. Hall & Son, 79 Franklin St., Boston, Mass.
3214. GYMNASIUM APPARATUS.	
	Edson Mfg. Co., Boston, Mass.
	Hulbert Bros. & Co., 236 5th Av., New York.
	Narragansett Machine Co., Providence, R. I.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
A. HOME EXERCISERS.	Hulbert Bros. & Co., 236 5th Av., New York.
	Frank C. Jones, 49 Columbus Av., New York.
B. SPECIAL DEVELOPMENT APPARATUS.	Frank C. Jones, 49 Columbus Av., New York.
	Narragansett Machine Co., Providence, R. I.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
3215. HAMMERS, TOY.	Wrightsville Hardware Co., Wrightsville, Pa.

3216. HOOPS, TOY.	L. H. Mace & Co., 111 E. Houston St., New York.
A. IRON HOOPS.	Wilkins Toy Co., Keene, N. H.
3217. HORNS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
	B. F. Blodgett & Co., Leominster, Mass.
	W. D. Earl & Co., Leominster, Mass.
	George Forbes, Leominster, Mass.
	Leominster Horn Co., Leominster, Mass.
3218. HORSES, TOY.	
A. CARROUSEL HORSES.	Marqua Carriage & Toy Co., Cincinnati, O.
	A. Meinecke & Son, Milwaukee, Wis.
B. GALLOPING HORSES.	Queen City Carrousel Co., Evans & South Sts., Cinn., O.
	Whitney Reed Chair Co., Leominster, Mass.
C. HOBBY HORSES.	A. Meinecke & Son, Milwaukee, Wis.
	S. A. Smith & Co., Brattleboro, Vt.
	Whitney Reed Chair Co., Leominster, Mass.
D. ROCKING HORSES.	Wm. E. Crandall, 569 3d Av., New York.
	Fletcher & Webster Furniture Co., Nashua, N. H.
	L. H. Mace & Co., 111 E. Houston St., New York.
	Marqua Carriage & Toy Co., Cincinnati, O.
	A. Meinecke & Son, Milwaukee, Wis.
	Nashua Novelty Works, Nashua, N. H.
	W. S. Reed & Co., Leominster, Mass.
	S. A. Smith & Co., Brattleboro, Vt.
	J. Tuohey, 610 Grand St., New York.
E. SWINGING HORSES.	A. Meinecke & Son, Milwaukee, Wis.
3219. HOUSES, TOY.	H. C. Underwood Mfg. Co., Wabash, Ind.
3220. HUNTING GOODS.	
A. AMMUNITION CASES.	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Von Lengerke & Detmold, New York.
B. CARTRIDGE BAGS.	E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
	Hodgman Rubber Co., 593 Broadway, New York.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Von Lengerke & Detmold, New York.
C. CARTRIDGE BELTS.	E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
	Thos. C. Orndorff, Worcester, Mass.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
	Von Lengerke & Detmold, 318 Broadway, New York.
	J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
D. CARTRIDGE CASES.	Budke Mfg. Co., 421 Wood St., Pittsburg, Pa.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Von Lengerke & Detmold, 318 Broadway, New York.
E. GAME BAGS.	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Von Lengerke & Detmold, 318 Broadway, New York.
F. GUN CASES.	Savage Arms Co., Utica, N. Y.
	A. G. Spalding & Bros. Inc., 132 Nassau St., New York.
	Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
	J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
G. GUN COVERS.	E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
	Goodyear Rubber Co., 787 Broadway, New York.
	Hodgman Rubber Co., 593 Broadway, New York.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Von Lengerke & Detmold, 318 Broadway, New York.
H. KNIFE SCABBARDS.	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
I. POWDER FLASKS.	Ideal Mfg. Co., New Haven, Conn.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Waterbury Brass Co., Waterbury, Conn.
J. SHOT BELTS.	Hartley & Graham, 313 Broadway, New York.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Von Lengerke & Detmold, 318 Broadway, New York.
	Waterbury Brass Co., Waterbury, Conn.
K. SHOT POUCHES.	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
	Waterbury Brass Co., Waterbury, Conn.
3221. INDIAN CLUBS.	Ives & Williams Co., Bridgeport, Conn.
	A. Meinecke & Son, Milwaukee, Wis.
	Narragansett Machine Co., Providence, R. I.
	Piqua Handle & Mfg. Co., Piqua, O.
	H. Rademaker & Sons, Grand Rapids, Mich.
	John Sommer's Sons, Newark, N. J.
	A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
3222. JACK STONES.	H. H. Harvey, 116 High St., Boston, Mass.
	H. L. Judd & Co., 87 Chambers St., New York.
	Wilkins Toy Co., Keene, N. H.
3223. JUMP ROPES.	Kirby Mfg. Co., Middletown, Conn.

Tate & Co., Malden, Mass.

3224. KITES. E. I. Horsman, 512 Broadway, New York.

3225. LAWN TENNIS GOODS.
R. Bliss Mfg. Co., Pawtucket, R. I.
Chapman Mfg. Co., Meriden, Conn.
E. I. Horsman, 512 Broadway, New York.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
Wright & Ditson, Inc., 580 Washington St., Boston, Mass.

A. TENNIS RACKET COVERS. J. J. Warren Co., 8 Washington Square, Worcester, Mass.

3226. MASKS.
American Mask Mfg. Co., Findlay, O.
Dessart Bros., 110 Chambers St., New York.
Miller Rubber Mfg. Co., Akron, O.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.

3227. MICROSCOPES, TOY. Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.

3228. NETS, SPORTING. R. J. Ederer & Co., 151 Wabash Av., Chicago, Ill.

3229. NORWEGIAN SKIS. Paris Mfg. Co., South Paris, Me.

3230. NOVELTIES, TOY.
Milton Bradley Co., Springfield, Mass.
Ives & Williams Co., Bridgeport, Conn.
A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.
Whitney Reed Chair Co., Leominster, Mass.

3231. PARLOR GAMES & AMUSEMENTS.
R. Bliss Mfg. Co., Pawtucket, R. I.

A. BACKGAMMON BOARDS.
Milton Bradley Co., Springfield, Mass.
Koch Sons & Co., 541 Pearl St., New York.
McLoughlin Bros., 890 Broadway, New York.
W. S. Reed & Co., Leominster, Mass.

B. BAGETELLE TABLES. M. A. E. Redgrave, Jersey City, N. J.

C. CHECKER BOARDS.
Milton Bradley Co., Springfield, Mass.
Andrew Homan Co., 446 Water St., New York.
Koch, Sons & Co., 541 Pearl St., New York.
McLoughlin Bros., 890 Broadway, New York.

D. CHECKERS.
Milton Bradley Co., Springfield, Mass.
Embossing Co., Albany, N. Y.
E. B. Estes & Sons, 45 John St., New York.
F. Grote & Co., 114 E. 14th St., New York.
Scranton Button Co., Ltd., Scranton, Pa.

E. CHESSMEN.
Milton Bradley Co., Springfield, Mass.
Celluloid Co., Newark, N. J.
F. Grote & Co., 114 E. 14th St., New York.
W. S. Reed & Co., Leominster, Mass.

F. CRIBBAGE BOARDS.
American Pin Co., Waterbury, Conn.
F. Grote & Co., 114 E. 14th St., New York.
James L. Hoyt, South Norwalk, Conn.

G. DICE.
A. Ball & Bro., 85 Market St., Chicago, Ill.
Celluloid Co., 36 Washington Place, New York.
F. Grote & Co., 114 E. 14th St., New York.

H. DICE CUPS.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Koch, Sons & Co., 541 Pearl St., New York.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.

I. DOMINOES.
Embossing Co., Albany, N. Y.
F. Grote & Co., 114 E. 14th St., New York.
Westcott-Jewell Co., Seneca Falls, N. Y.

J. GAME & CARD COUNTERS.
Arlington Mfg. Co., 475 Broadway, New York.
C. E. Atkins, 12 Centre St., New York.
A. Ball & Bro., 85 Market St., Chicago, Ill.
Brunswick-Balke-Collender Co., B'way & 17th St., New York.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
F. Grote & Co., 114 E. 14th St., New York.

K. GAME BOARDS. Wm. G. Dillingham, 54 South St., New York.

L. GAMES.
Milton Bradley Co., Springfield, Mass.
Embossing Co., Albany, N. Y.
E. B. Estes & Sons, 45 John St., New York.
E. I. Horsman, 512 Broadway, New York.
Ives & Williams Co., Bridgeport, Conn.
McLoughlin Bros., 890 Broadway, New York.
Selchow & Richter, 390 Broadway, New York.
Westcott-Jewell Co., Seneca Falls, N. Y.
Whitney Reed Chair Co., Leominster, Mass.

M. PARLOR BILLIARD TABLES.
Brunswick-Balke-Collender Co., B'way & 17th St., New York.
G. A. Kam Mfg. Co., 22 Adams St., Chicago, Ill.

N. PLAYING CARD CASES.
A. Ball & Bro., 85 Market St., Chicago, Ill.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Grand Rapids Duplicate Whist & Nov'ty Co., Grand Rapids, Mich.
Meriden Britannia Co., Meriden, Conn.

O. POKER CHIPS.
Arlington Mfg. Co., 475 Broadway, New York.
A. Ball & Bro., 85 Market St., Chicago, Ill.

Celluloid Co., Newark, N. J.
F. Grote & Co., 114 E. 14th St., New York.
New York Consolidated Card Co., 228 W. 14th St., New York.
Scranton Button Co., Ltd., Scranton, Pa.

P. PUZZLES. Milton Bradley Co., Springfield, Mass.
L. M. Devore & Co., Freeport, Ill.
McLoughlin Bros., 890 Broadway, New York.
Westcott-Jewell Co., Seneca Falls, N. Y.

Q. RING TOSS. R. Bliss Mfg. Co., Pawtucket, R. I.

R. SECTIONAL PICTURES. Milton Bradley Co., Springfield, Mass.

S. SHUFFLE BOARDS. B. A. Stevens, Toledo, O.

T. WHIST BOARDS. American Pin Co., Waterbury, Conn.

U. WHIST BOOKS. Grand Rapids Duplicate Whist & Nov'ty Co., Grand Rapids, Mich.

V. WHIST CABINETS. Grand Rapids Duplicate Whist & Nov'ty Co., Grand Rapids, Mich.

W. WHIST MARKERS. Celluloid Co., Newark, N. J.
F. Grote & Co., 114 E. 14th St., New York.

3232. PENNY TOYS. Booth & Rockwell, Monroeton, Pa.

3233. PHYSICAL APPARATUS.
Thomas W. Gleeson, 106 Sudbury St., Boston, Mass.

3234. PIANOS, TOY. A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.

3235. PISTOL CASES. Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
Savage Arms Co., Utica, N. Y.

3236. PISTOL HOLSTERS. E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
John P. Lovell Arms Co., 147 Washington St., Boston, Mass.
Jacob Straus Saddlery Co., 410 N. 6th St., St. Louis, Mo.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.

A. PISTOL POCKETS, RUBBER. Tower & Lyon, 95 Chambers St., New York.

3237. POLO GOODS. Francis Cundey, Philadelphia, Pa.
Dann Bros. & Co., 80 Franklin St., New Haven, Conn.
H. Rademaker & Sons, Grand Rapids, Mich.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.

3238. PUNCHING BAGS. A. J. Reach Co., 1702 Tulip St., Philadelphia, Pa.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.

A. PUNCHING BLADDERS. B. F. Goodrich Co., Akron, O.

3239. QUOITS. Chalfant Mfg. Co., Lancaster, Pa.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Samuel C. Tatum Co., Cincinnati, O.
Wilkins Toy Co., Keene, N. H.

3240. RATTLES. Celluloid Co., Newark, N. J.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
Sidney Shepard & Co., Buffalo, N. Y.

A. IVORY RATTLES. F. Grote & Co., 114 E. 14th St., New York.

3241. RETURN BALLS. Booth & Rockwell, Monroeton, Pa.

3242. RUBBER TRUMPETS, TOY.
C. J. Bailey & Co., 22 Boylston St., Boston, Mass.

3243. SAD IRONS & STANDS, TOY.
Chalfant Mfg. Co., Atglen, Pa.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
J. & E. Stevens Co., Cromwell, Conn.

3244. SAFES, TOY. Chalfant Mfg. Co., Atglen, Pa.

3245. SAFETY RIFLES & PARTS.
H. M. Quackenbush, Herkimer, N. Y.

3246. SEASIDE PAILS & SHOVELS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.

3247. SEE SAWS. Canton Saw Co., Canton, O.

3248. SKATES.

A. ICE SKATES. Barney & Berry, Springfield, Mass.
Florence Machine Co., Florence, Mass.
M. C. Henley, Richmond, Ind.
Hulbert Bros. & Co., 236 5th Av., New York.
P. Loewentraut, Newark, N. J.
Peck & Snyder, 132 Nassau St., New York.
Schoverling, Daly & Gales, 325 Broadway, New York.
Union Hardware Co., Torrington, Conn.
Samuel Winstow Skate Mfg. Co., Worcester, Mass.

B. ROLLER SKATES. Sam'l H. Harman, Bloomsberg, Pa.
Henly Bicycle Works, Richmond, Ind.
John P. Lovell Arms Co., Boston, Mass.
P. Loewentraut, Newark, N. J.
Union Hardware Co., Torrington, Conn.

C. ROLLER SKATES, BALL BEARING. Cycle Skate Co., 64 N. Jefferson St., Chicago, Ill.

D. SKATE ROLLERS. H. Chapin's Sons Co., Pine Meadow, Conn.

Piqua Handle & Mfg. Co., Piqua, O.
Ripley Mfg. Co., Unionville, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.

E. SKATE STRAPS.
Union Hardware Co., Torrington, Conn.
J. J. Warren Co., Worcester, Mass.

3249. SLEDS.

A. CHILDREN'S SLEDS.
Kalamazoo Sled Co., Kalamazoo, Mich.
W. J. McHenry, Holmesburg, Philadelphia, Pa.
Paris Mfg. Co., South Paris, Me.
W. S. Reed & Co., Leominster, Mass.
S. A. Smith & Co., Brattleboro, Vt.
Vermont Novelty Works, Springfield, Vt.

B. CHILDREN'S SLEIGHS.
Heinz & Munschauer, Buffalo, N. Y.
Kalamazoo Sled Co., Kalamazoo, Mich.
A. Meinecke & Sons, Milwaukee, Wis.
Paris Mfg. Co., South Paris, Me.
S. A. Smith & Co., Brattleboro, Vt.

C. COASTING SLEDS.
Garton Toy Co., Sheboygan, Wis.
H. H. Harvey, Boston, Mass.
S. A. Smith & Co., Brattleboro, Vt.
Union Mfg. Co., Toledo, O.
Vermont Novelty Works, Springfield, Vt.

D. PERAMBULATOR SLEIGHS.
A. Meinecke & Sons, Milwaukee, Wis.

3250. SPORTING CLOTHING.
Palmer Mills, Three Rivers, Mass.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.

3251. SPORTING GOODS.
A. Ball & Bros., 85 Market St., Chicago, Ill.
F. Grote & Co., 114 E. 14th St., New York.
Ives & Williams Co., Bridgeport, Conn.
Mesinger Bicycle Saddle Co., 1320 Ave. A, New York.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
F. Cortez Wilson & Co., 239 Lake St., Chicago, Ill.

A. SPORTING GOODS CASES.
J. J. Warren Co., Worcester, Mass.

3252. STEAM ENGINES, TOY.
Weeden Mfg. Co., New Bedford, Mass.

3253. STEAM MOUNTAIN RAILWAYS.
Armitage & Herschell Co., North Tonawanda, N. Y.

3254. SWING CHAIRS.
Haggard & Marcusson Co., 407 S. Canal St., Chicago, Ill.
S. A. Smith & Co., Brattleboro, Vt.

A. BABY JUMPERS.
Raymond Mfg. Co., Ltd., Corry, Pa.

3255. SWINGS.
D. M. Sechler Carriage Co., Moline, Ill.

A. AUTOMATIC SWINGS.
Fairfield Lawn Swing Co., Brunswick, Me.
C. C. Rogers, Trenton, N. J.

B. LAWN SWINGS.
A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
D. H. Bausman, Bausman, Pa.
Dowden Mfg. Co., Ltd., Prairie City, Iowa.
Hayes Pump & Planter Co., Galva, Ill.
Ohio Rake Co., Dayton, O.
Paris Mfg. Co., South Paris, Me.
Readsboro Chair Mfg. Co., Readsboro, Vt.
Wayne Works, Richmond, Ind.

C. PARLOR SWINGS.
Garton Toy Co., Sheboygan, Wis.

3256. TARGETS.
Dennison Mfg. Co., Boston, Mass.
H. M. Quackenbush, Herkimer, N. Y.

A. CLAY PIGEONS.
Chamberlain Cartridge & Target Co., Cleveland, O.
Hartley & Graham, 313 Broadway, New York.

B. FLYING TARGETS.
H. M. Quackenbush, Herkimer, N. Y.

C. GLASS BALLS.
Wormser Glass Co., Pittsburg, Pa.

D. STEEL TARGETS.
H. M. Quackenbush, Herkimer, N. Y.

3257. TARGET TRAPS.
Cleveland Target Co., Cleveland, O.

A. PIGEON TRAPS.
Chamberlain Cartridge & Target Co., Cleveland, O.
Cleveland Target Co., Cleveland, O.
Parker Bros., Meriden, Conn.

B. SNIPE TRAPS.
Cleveland Target Co., Cleveland, O.

C. TRAP PULLS.
Chamberlain Cartridge & Target Co., Cleveland, O.

3258. TELEPHONES, TOY.
R. Bliss Mfg. Co., Pawtucket, R. I.

3259. TOBOGGANS.
Chamberlain Mfg. Co., Burlington, Vt.
A. Meinecke & Son, Milwaukee, Wis.
Paris Mfg. Co., South Paris, Me.
J. H. Rushton, Canton, N. Y.

3260. TOOL CHESTS, BOYS'.
American Tool Chest Co., 200 W. Houston St., New York.
R. Bliss Mfg. Co., Pawtucket, R. I.
New England Specialty Co., North Easton, Mass.

3261. TOOLS, TOY.
Chalfant Mfg. Co., Lancaster, Pa.
New England Specialty Co., North Easton, Mass.

Union Mfg. Co., Toledo, O.

3262. TOYS.
R. Bliss Mfg. Co., Pawtucket, R. I.
Booth & Rockwell, Monroeton, Pa.
Milton Bradley & Co., Springfield, Mass.
Wm. E. Crandall, 569 3d Av., New York.
Hampden Toy Co., Westfield, Mass.
Harris Toy Co., Toledo, O.
Hodgman Rubber Co., 593 Broadway, New York.
E. I. Horsman, 512 Broadway, New York.
Ives & Williams Co., Bridgeport, Conn.
Kirby Mfg. Co., Middletown, Conn.
L. H. Mace & Co., 111 E. Houston St., New York.
W. S. Reed & Co., Leominster, Mass.
A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.
S. A. Smith & Co., Brattleboro, Vt.
South Bend Toy Mfg. Co., South Bend, Ind.
Westcott-Jewett Co., Seneca Falls, N. Y.
Whitney Reed Chair Co., Leominster, Mass.
Wilkins Toy Co., Keene, N. H.
Wrightsville Hardware Co., Wrightsville, Pa.

A. IRON TOYS.
Chalfant Mfg. Co., Lancaster, Pa.
Harris Toy Co., Toledo, O.
Hubley Mfg. Co., Lancaster, Pa.
Ives & Williams Co., Bridgeport, Conn.
Withington & Cooley Mfg. Co., Jackson, Mich.
Wrightsville Hardware Co., Wrightsville, Pa.

B. MECHANICAL TOYS.
Harris Toy Co., Toledo, O.
Hubley Mfg. Co., Lancaster, Pa.
Ives & Williams Co., Bridgeport, Conn.
Jerome B. Secor, Bridgeport, Conn.
Star Mfg. Co., New Haven, Conn.
G. W. Travers, 146 Chambers St., New York.

C. RUBBER BUBBLE BLOWERS.
C. J. Bailey & Co., Boston, Mass.

D. RUBBER TOYS.
New York Rubber Co., 84 Reade St., New York.

E. STEAM TOYS.
Ives Mfg. Co., Bridgeport, Conn.
Leo Schlesinger & Co., 129 Crosby St., New York.
Weeden Mfg. Co., New Bedford, Mass.

F. TIN TOYS.
Leo Schlesinger & Co., 129 Crosby St., New York.

G. TOPS.
Booth & Rockwell, Monroeton, Pa.
Gibbs Mfg. Co., Canton, O.
Wm. H. Grundy & Co., 108 S. Front St., Philadelphia, Pa.

H. TOY HELMETS & CAPS.
A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.

I. TOY NOVELTIES.
Ives & Williams, Bridgeport, Conn.

J. WOODEN TOYS.
A. Meinecke & Son, Milwaukee, Wis.

3263. TRICKS.
Eureka Trick & Novelty Co., 87 Warren St., New York.
Otto Maurer, 321 Bowery, New York.

3264. TRUNKS, TOY.
A. Meinecke & Son, Milwaukee, Wis.
T. B. Peddie & Co., Inc., Newark, N. J.
Schmit Bros. Trunk Co., Oshkosh, Wis.
M. M. Secor Trunk Co., Racine, Wis.

3265. TUBS & WASHBOARDS, TOY.
Union Mfg. Co., Toledo, O.

3266. TURF GOODS.
Gilliam Mfg. Co., Canton, O.

3267. VELOCIPEDES, CHILDREN'S.
Wm. E. Crandall, 569 3d Av., New York.
Gendron Wheel Co., Toledo, O.
Harris Toy Co., Toledo, O.
L. H. Mace & Co., 111 E. Houston St., New York.
S. A. Smith & Co., Brattleboro, Vt.
A. G. Spalding & Bros., Inc., 132 Nassau St., New York.
Toledo Metal Wheel Co., Toledo, O.
Tricycle Mfg. Co., Springfield, O.
Wilkinson Mfg. Co., Binghamton, N. Y.
Wilkins Toy Co., Keene, N. H.
J. H. Wilson Mfg. Co., 40 Dearborn St., Chicago, Ill.

A. GIRLS' PROPELLERS.
W. E. Crandall, 569 3d Av., New York.
J. H. Wilson Mfg. Co., 40 Dearborn St., Chicago, Ill.

3268. WAGONS, TOY.
Wm. E. Crandall, 569 3d Av., New York.
Fletcher & Webster Furniture Co., Nashua, N. H.
Gendron Wheel Co., Toledo, O.
E. I. Horsman, 380 Broadway, New York.
L. H. Mace & Co., 111 E. Houston St., New York.
Marqua Carriage & Toy Co., Cincinnati, O.
A. Meinecke & Son, Milwaukee, Wis.
Nashau Novelty Works, Nashua, N. H.

Paris Mfg. Co., South Paris, Me.
Leo Schlesinger & Co., 129 Crosby St., New York.
S. A. Smith & Co., Brattleboro, Vt.
South Bend Toy Mfg. Co., South Bend, Ind.
H. N. Thayer & Co., Erie, Pa.
Tricycle Mfg. Co., Springfield, O.
Union Mfg. Co., Toledo, O.
Vermont Novelty Works Co., Springfield, Vt.
F. A. Whitney, Leominster, Mass.
Whitney Reed Chair Co., Leominster, Mass.
Wilkinson Mfg. Co., Binghamton, N. Y.

A. BOYS' SULKIES. Paris Mfg. Co., South Paris, Me.

B. CARTS, TOY. Gendron Wheel Co., Toledo, O.

C. CHILDREN'S WAGONS. Kenosha Crib Co., Kenosha, Wis.
Paris Mfg. Co., South Paris, Me.
S. A. Smith & Co., Brattleboro, Vt.
South Bend Toy Mfg. Co., South Bend, Ind.
Wilkinson Mfg. Co., Binghamton, N. Y.

D. COASTING WAGONS. Wilkinson Mfg. Co., Binghamton, N. Y.

E. DOG & GOAT SULKIES. Gendron Wheel Co., Toledo, O.
Paris Mfg. Co., South Paris, Me.
South Bend Toy Mfg. Co., South Bend, Ind.
Toledo Metal Wheel Co., Toledo, O.

F. DOG & GOAT WAGONS. Paris Mfg. Co., South Paris, Me.
S. A. Smith & Co., Brattleboro, Vt.
South Bend Toy Mfg. Co., South Bend, Ind.
Wilkinson Mfg. Co., Binghamton, N. Y.

G. EXPRESS WAGONS, TOY. Benton Mfg. Co., Charlotte, Mich.
Garton Toy Co., Sheboygan, Wis.
Gendron Wheel Co., Toledo, O.
A. Meinecke & Son, Milwaukee, Wis.
S. A. Smith & Co., Brattleboro, Vt.
Tricycle Mfg. Co., Springfield, O.

H. SPRING WAGONS, TOY. Gendron Wheel Co., Toledo, O.
L. H. Mace & Co., 111 E. Houston St., New York.

I. TRUCKS, TOY. A. Meinecke & Son, Milwaukee, Wis.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

3269. WHEELBARROWS, TOY.
Gendron Wheel Co., Toledo, O.
A. Meinecke & Son, Milwaukee, Wis.
Nashua Novelty Works, Nashua, N. H.
Paris Mfg. Co., South Paris, Me.
S. A. Smith & Co., Brattleboro, Vt.
South Bend Toy Mfg. Co., South Bend, Ind.
Toledo Wheel Co., Toledo, O.
Union Mfg. Co., Toledo, O.

3270. WHIPS, TOY. Peter Currier, 519 Powell St., Philadelphia, Pa.

3271. WHISTLES. F. A. Allen, Monmouth, Ill.
Bridgeport Gun Implement Co., Bridgeport, Conn.
Celluloid Co., Newark, N. J.
Sidney Shepard & Co., Buffalo, N. Y.

A. DOG CALLS. Medford Fancy Goods Co., 44 Duane St., New York.
Waterbury Brass Co., Waterbury, Conn.

3272. ZOETROPES. T. H. McAllister, 49 Nassau St., New York.

XL. TRADES SUPPLIES.

3273. ABRASIVE SPECIALTIES.
Carborundum Co., Niagara Falls, N. Y.

3274. ACID PROOF SINKS & TANKS.
Monson-Burmah Slate Co., Portland, Me.

A. WOODEN ACID TUBS. George Woolford, 2240 N. 9th St., Philadelphia, Pa.

3275. AGRICULTURAL IMPLEMENT SHAPES.
Union Iron & Steel Co., Youngstown, O.

3276. ALBUM & BIBLE CLASPS.
H. L. Judd & Co., 87 Chambers St., New York.

3277. ALMOND PREPARATIONS.

A. ALMOND BUTTER. Sanitas Nut Food Co., Ltd., Battle Creek, Mich.

B. ALMOND MACAROON POWDER.	Chapman & Smith Co., 185 W. Randolph St., Chicago, Ill.
	Recamier Mfg. Co., 131 W. 31st St., New York.
C. ALMOND MEAL.	H. A. & F. L. Miner, Malden, Mass.
	Sanitas Nut Food Co., Ltd., Battle Creek, Mich.
D. ALMOND PASTE.	Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
	Wood & Selick, 36 Hudson St., New York.
E. SALTED ALMONDS.	St. Louis Pretzel Co., St. Louis, Mo.
3278. ALUMINUM BALLS.	Excelsior Machine Co., Buffalo, N. Y.
3279. ALUMINUM CAPS.	Aluminum Mfg. Co., Two Rivers, Wis.
3280. AMMONIA BRINE PIPE COVERING.	Monarch Covering Co., Jersey City, N. J.
3281. AMMONIA RECEIVERS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
3282. ANNEALING BOXES.	Anderson Foundry & Machine Works, Anderson, Ind.
	Riter-Conly Co., Pittsburg, Pa.
3283. ANNEALING POTS.	Riverside Foundry Co., Cleveland, O.
	Wheeler Foundry Co., Worcester, Mass.
3284. ANTI CORROSIVE COMPOSITION.	Geo. N. Gardiner, 53 South St., New York.
3285. ARTIFICIAL FLOWER & FEATHER MATERIALS.	Dominick Rossi, 100 W. Houston St., New York.
3286. ASBESTOS.	Bissell Chemical Co., McKeesport, Pa.
	H. W. Johns Mfg. Co., 100 William St., New York.
	Manville Covering Co., Milwaukee, Wis.
	John A. McConnell & Co., Pittsburg, Pa.
	Pettit Chemical Co., 256 Front St., New York.
	James F. Wood & Co., Wilmington, Del.
A. ASBESTOS BAKING SHEETS.	H. W. Johns Mfg. Co., 100 William St., New York.
B. ASBESTOS FIRE PROOF PAPER.	H. F. Watson Co., Erie, Pa.
C. ASBESTOS IRON RESTS.	H. W. Johns Mfg. Co., 100 William St., New York.
D. ASBESTOS MATERIALS.	Philip Carey Mfg. Co., Lockwood, O.
	Chicago Fireproof Covering Co., 48 Franklin St., Chicago, Ill.
	H. W. Johns Mfg. Co., 100 William St., New York.
	Manville Covering Co., Milwaukee, Wis.
E. ASBESTOS MITTENS & GLOVES.	H. W. Johns Mfg. Co., 100 William St., New York.
F. ASBESTOS RUBBER TAPES.	H. W. Johns Mfg. Co., 100 William St., New York.
	Manville Covering Co., Milwaukee, Wis.
G. ASBESTOS TUBES.	H. W. Johns Mfg. Co., 100 William St., New York.
	Manville Covering Co., Milwaukee, Wis.
H. GLASS WORKERS' ASBESTOS.	Baker & Adamson Chemical Co., Easton, Pa.
	H. W. Johns Mfg. Co., 100 William St., New York.
I. MINERAL WOOL.	Baker & Adamson Chemical Co., Easton, Pa.
	Chicago Fire Proof Covering Co., 48 Franklin St., Chic., Ill.
	H. W. Johns Mfg. Co., 100 William St., New York.
	John A. McConnell & Co., Pittsburg, Pa.
	Manville Covering Co., Milwaukee, Wis.
	N. Y. Fire Proof Covering Co., 36 Cortlandt St., New York.
	U. S. Mineral Wool Co., 2 Cortlandt St., New York.
	Western Mineral Wool Co., Cleveland, O.
3287. ASBESTOS COVERED WIRE GLASS.	Davis Glass Co., Pittsburg, Pa.
3288. ASH CAN SLATS.	E. J. Vance Box Co., Ltd., Bay City, Mich.
3289. ASPHALT.	Armitage Mfg. Co., Richmond, Va.
	Barber Asphalt Paving Co., Washington, D. C.
	Gabreil & Schall, 205 Pearl St., New York.
	Moen's Asphaltic Cement Co., 103 Maiden Lane, New York.
	Neuchatel Asphalt Co., 265 Broadway, New York.
	L. A. Salomon Bro., 216 Pearl St., New York.
	H. F. Watson Co., Erie, Pa.
3290. ASPHALT SUBSTITUTE.	Lister's Agr. Chem. Works, Newark, N. J.
3291. ASSAYERS' SUPPLIES.	Eimer & Amend, 205 3d Av., New York.
	Taunton Crucible Co., Taunton, Mass.
3292. BAG FILLERS.	Phila. Scoop Co., 134 N. 2d St., Philadelphia, Pa.
3293. BAG FRAMES.	Headley & Farmer Co., Harrison, N. J.
	R. C. Jenkinson & Co., Newark, N. J.
	R. Neumann & Co., Newark, N. J.
	T. B. Peddie & Co., Newark, N. J.
BAG MOUNTINGS.	B. Conlon & Co., Newark, N. J.
	M. Gould's Son Co., Newark, N. J.
	R. C. Jenkinson & Co., Newark, N. J.
SATCHEL FRAMES.	August Goertz & Co., Newark, N. J.

Headley & Farmer Co., Harrison, N. J.
R. Neumann & Co., Newark, N. J.

3294. BAKERS' FINDINGS. Chapman & Smith Co., 185 W. Randolph St., Chicago, Ill.

3295. BALL BEARING CUPS.
Forsyth Mfg. Co., 308 Terrace, Buffalo, N. Y.

3296. BALL JOINTS, UNIVERSAL COUPLING.
Gould & Eberhardt, Newark, N. J.

3297. BANDS, DRY GOODS. Hofstetter Bros., 719 Vine St., Philadelphia, Pa.

A. HOSIERY BANDS. Hofstetter Bros., 719 Vine St., Philadelphia, Pa.

3298. BARBERS' SUPPLIES. Kampfe Bros., 8 Reade St., New York.
Theo. A. Koch's Co., 158 Wells St., Chicago, Ill.
Powder Puff & Snow Ball Mfg. Co., 17 E. 14th St., N. Y.
Pratt Mfg. Co., 167 Wooster St., New York.

A. BARBERS' URNS. Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Manning, Bowman & Co., Meriden, Conn.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

3299. BARB WIRE REELS. E. J. Vance Box Co., Ltd., Bay City, Mich.
Warner Hardware Co., Freeport, Ill.

3300. BARREL SHACKLES. Racine Malleable & Wrought Iron Co., Racine, Wis.

3301. BARREL SWINGS. Leavitt Machine Co., Orange, Mass.

3302. BED SLATS. John L. Roper Lumber Co., Norfolk, Va.

3303. BEDSTEAD JOINTS. Bradford Joint Co., Plymouth, Mass.

3304. BEE KEEPERS' SUPPLIES.
Chas. Dadant & Son, Hamilton, Ill.
Drake, Smith & Co., Bristol, Vt.
W. T. Falconer Mfg. Co., Jamestown, N. Y.
Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.
Mrs. Anna Muth, Cincinnati, O.
A. I. Root Co., Medina, O.

A. BEE HIVES. Berlin Fruit Box Co., Berlin Heights, O.
C. W. Costello, Waterboro, Me.
Chas. Dadant & Son, Hamilton, Ill.
Drake, Smith & Co., Bristol, Vt.
W. S. Falconer Mfg. Co., Jamestown, N. Y.
Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.
Mrs. Anna Muth, Cincinnati, O.
Petaluma Incubator Co., Petaluma, Cal.
A. I. Root Co., Medina, O.
W. E. Smith, Kenton, O.

B. BEE SMOKERS. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.
Mrs. Anna Muth, Cincinnati, O.
Petaluma Incubator Co., Petaluma, Cal.

C. COMB FOUNDATIONS. Chas. Dadant & Son, Hamilton, Ill.
A. I. Root Co., Medina, O.

D. HONEY EXTRACTORS. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.
Mrs. Anna Muth, Cincinnati, O.
A. I. Root Co., Medina, O.

E. HONEY SHIPPING CASES. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.

F. QUEEN & DRONE TRAPS. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.

G. QUEEN CAGES. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.

H. SECTION BOXES. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.
A. I. Root Co., Medina, O.

I. SWARM CATCHERS. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.

J. WAX EXTRACTORS. Minn. Beekeepers' Supply Mfg. Co., Minneapolis, Minn.

3305. BELL HANGERS' SUPPLIES.
W. R. Ostrander Co., 22 Dey St., New York.
Western Electric Co., Omaha, Neb.
J. F. Wollensak, 38 S. Canal St., Chicago, Ill.

3306. BELT COUPLINGS. Billings & Spencer Co., Hartford, Conn.
Case Mfg. Co., Columbus, O.
Silver Lake Co., Newtonville, Mass.

A. BELT HOOKS. Brown Bros. & Co., Providence, R. I.
S. E. Budlong & Co., Providence, R. I.
Buffalo Specialty Mfg. Co., Buffalo, N. Y.
F. A. Chase & Co., Providence, R. I.
E. Jenckes Mfg. Co., Pawtucket, R. I.
Jewell Belt Hook Co., Hartford, Conn.
National Ring Traveler Co., Providence, R. I.
Sewing Machine & Supplies Co., Boston, Mass.
W. O. Talcott, 91 Sabine St., Providence, R. I.
Upson Nut Co., Unionville, Conn.
Wire Goods Co., Worcester, Mass.

B. BELT STUDS. Buffalo Specialty Mfg. Co., Buffalo, N. Y.

C. ROUND BELT COUPLINGS. S. E. Root, Bristol, Conn.
Silver Lake Co., Newtonville, Mass.

3307. BELT DRESSING.

American Oil Co., Providence, R. I.
Atkinson & Pierce Mfg. Co., Cincinnati, O.
Barnum Bros. Co., Troy, N. Y.
Bradford Belting Co., Cincinnati, O.
Buffalo Specialty Mfg. Co., Buffalo, N. Y.
Cling-Surface Mfg. Co., Buffalo, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
J. Dixon Crucible Co., Jersey City, N. J.
J. M. Hayden & Co., Grand Rapids, Mich.
E. F. Houghton & Co., 240 W. Somerset St., Phila., Pa.
Jewell Belting Co., Hartford, Conn.
Chas. Munson Belting Co., 36 S. Canal St., Chicago, Ill.
Page Belting Co., Concord, N. H.
E. L. Post & Co., 50 Cliff St., New York.
Providence Oil Works, Providence, R. I.
J. E. Rhoads & Son, 239 Market St., Philadelphia, Pa.
Shultz Belting Co., St. Louis, Mo.
Stevenson Bro. & Co., 132 S. 2d St., Philadelphia, Pa.
A. Viscal Co., East Cambridge, Mass.
World Refining Co., Easton, Pa.

3308. BELT HOLDERS & SHIFTERS.

Akron Iron & Steel Co., 206 Fulton St., New York.
Mason Regulator Co., Boston, Mass.

3309. BELTING.

A. AGRICULTURAL BELTING. Boston Woven Hose & Rubber Co., Cambridgeport, Mass

B. ANGULAR BELTING. George Rahmann & Co., 31 Ferry St., New York.
William Sumner Belting Co., Tolland, Conn.

C. CANVAS BELTING. Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Chesapeake Belting Co., Baltimore, Md.
Main Belting Co., 1219 Carpenter St., Philadelphia, Pa.

D. COTTON BELTING. Atkins & Pearce Mfg. Co., Cincinnati, O.
Boston Woven Hose & Rubber Co., Boston, Mass.
Empire Mfg. Co., Lockport, N. Y.
Empire Rubber Mfg. Co., Trenton, N. J.
Estate of H. S. Sawyer, Colebrook River, Conn.
Eureka Fire Hose Co., 13 Barclay St., New York.
Greenwoods Co., New Hartford, Mass.
Jeffrey Mfg. Co., Columbus, O.
Neville & Co., San Francisco, Cal.
Russell Mfg. Co., Middletown, Conn.
William Sumner Belting Co., Tolland, Conn.

E. DETACHABLE LINK BELTING. Detroit Sprocket Chain Co., Ltd., Detroit, Mich.
Link-Belt Machinery Co., Stewart Av.& 39th St., Chicago,Ill.
Moline Malleable Iron Co., Moline, Ill.
Skillin-Richards Mfg. Co., 241 S. Jefferson St., Chicago, Ill.

F. EMERY BELTING. Boston Belting Co., Boston, Mass.

G. ENDLESS APRONS. Boston Belting Co., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
Springfield Mfg. Co., Bridgeport, Conn. *31

H. HAIR BELTING. Rosendale Belting Co., Newark, N. J.

I. LEATHER BELTING. Akron Belting Co., Akron, O.
Alexander Bros., 410 N. 3d St., Philadelphia, Pa.
American Oak Leather Co., Cincinnati, O.
American Supply Co., Providence, R. I.
Bay State Belting Co., Boston, Mass.
Bickford & Francis Belting Co., Buffalo, N. Y.
Bradford Belting Co., Cincinnati, O.
Brown Bros. & Co., Providence, R. I.
A. Burgess & Son, Providence, R. I.
Detroit Oak Belting Co., Detroit, Mich.
Fayerweather & Ladew, 236 Eldridge St., New York.
Josiah Gates & Sons, Lowell, Mass.
Graton & Knight Mfg. Co., Worcester, Mass.
H. F. Herkner, 281 Front St., New York.
R. Hoffeld & Co., Buffalo, N. Y.
Jewell Belting Co., Hartford, Conn.
Lane Mfg. Co., Montpelier, Vt. *13
Loeb Bros. Leather Belting Co., 34 Ferry St., New York.
John H. McGowan Co., Cincinnati, O.
Chas. Munson Belting Co., 36 S. Canal St., Chicago, Ill.
New York Belting & Packing Co., 25 Park Place, New York.
Norwich Belt Mfg. Co., Norwich, Conn.
N. Y. Leather Belting Co., 8 Ferry St., New York.
Page Belting Co., Concord, N. H.

Providence Belting Co., Providence, R. I.
George Rahmann & Co., 31 Ferry St., New York.
J. E. Rhoads & Sons, Wilmington, Del.
Chas. A. Schieren & Co., 47 Ferry St., New York.
Geo. Slate's Sons, Williamsport, Pa.
James Smith & Co., Inc., 411 Race St., Philadelphia, Pa.
Sprout-Waldron & Co., Muncy, Pa.
J. R. Stine & Co., 8 Ferry St., New York.
Wm. Sumner Belting Co., Tolland, Conn.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Union Belt Co., Fall River, Mass.
Van Riper Mfg. Co., Paterson, N. J.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Willemsen Belting Co., St. Louis, Mo.
J. B. Williams & Sons, Dover, N. H.

J. LEATHER BELTING, OAK.
Akron Belting Co., Akron, O.
American Oak Leather Co., Cincinnati, O.
American Supply Co., Providence, R. I.
Bay State Belting Co., Boston, Mass.
Brown Bros. & Co., Providence, R. I.
Graton & Knight Mfg. Co., Worcester, Mass.
H. F. Herkner, 281 Front St., New York.
Holyoke Belting Co., Holyoke, Mass.
Charles Munson Belting Co., 36 S. Canal St., Chicago, Ill.
N. Y. Leather Belting Co., 8 Ferry St., New York.
Providence Belting Co., Providence, R. I.
Revere Rubber Co., Boston, Mass.
J. E. Rhoads & Sons, 239 Market St., Philadelphia, Pa.
Chas. A. Schieren & Co., 47 Ferry St., New York.
J. R. Stine & Co., 8 Ferry St., New York.
Troy Belting & Supply Co., Troy, N. Y.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Willemsen Belting Co., St. Louis, Mo.

K. LEATHER BELTING, RAWHIDE CENTRE.
N. Y. Leather Belting Co., 8 Ferry St., New York.
Shultz Belting Co., St. Louis, Mo.
Weatherhead, Thompson & Co., Pawtucket, R. I.

L. MILL STROPPING.
Page Belting Co., Concord, N. H.

M. RAWHIDE BELTING.
Chicago Rawhide Mfg. Co., 77 E. Ohio St., Chicago, Ill.
William Coupe & Co., South Attleboro, Mass.
Shultz Belting Co., St. Louis, Mo.
Weatherhead, Thompson & Co., Pawtucket, R. I.

N. ROLLER CHAIN BELTING.
C. O. Bartlett & Co., Cleveland, O.
Jeffrey Mfg. Co., Columbus, O.
Link-Belt Mach. Co., Stewart Av. & 39th St., Chicago, Ill.

O. ROUND BELTING.
Boston Belting Co., Boston, Mass.
Randolph Brandt, 38 Cortlandt St., New York.
H. F. Herkner, 281 Front St., New York.
Chas. Munson Belting Co., 36 S. Canal St., Chicago, Ill.
N. Y. Leather Belting Co., 8 Ferry St., New York.
Providence Belting Co., Providence, R. I.
J. E. Rhoads & Son, 239 Market St., Philadelphia, Pa.
Sewing Machine Supplies Co., Boston, Mass.
J. R. Stine & Co., 8 Ferry St., New York.
William Sumner Belting Co., Tolland, Conn.
Weatherhead, Thompson & Co., Pawtucket, R. I.

P. RUBBER BELTING.
Akron Rubber Works, Akron, O.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chicago, Ill.
Combination Roll & Rubber Co., 38 Park Row, New York.
Crescent Belting & Packing Co., Trenton, N. J.
Empire Rubber Mfg. Co., Trenton, N. J.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Mechanical Rubber Co., 22 Murray St., New York.
Mercer Rubber Co., Trenton, N. J.
New Jersey Car Springs & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.
Revere Rubber Co., 63 Franklin St., Boston, Mass.
Trenton Rubber Co., Trenton, N. J.
United Rubber Co., Trenton, N. J.

	Whitehead Bros. Rubber Co., Trenton, N. J.
Q. SAND BELTING.	Buffalo Weaving Co., Buffalo, N. Y.
R. TWISTED BELTING.	William Sumner Belting Co., Tolland, Conn.
S. WATCH TWIST BELTING.	William Sumner Belting Co., Tolland, Conn.
T. WATERPROOF BELTING.	Empire Mfg. Co., Lockport, N. Y.
	Graton & Knight Mfg. Co., Worcester, Mass.
	New York Leather Belting Co., 8 Ferry St., New York.
	Weatherhead, Thompson & Co., Pawtucket, R. I.
3310. BELT LACING.	Brown Bros. & Co., Providence, R. I.
	Chas. Dempwolf, Paterson, N. J.
	H. F. Herkner, 281 Front St., New York.
	New York Leather Belting Co., 8 Ferry St., New York.
	Page Belting Co., Concord, N. H.
	Chas. A. Schieren & Co., 45 Ferry St., New York.
	J. R. Stine & Co., 8 Ferry St., New York.
A. COMPOSITION WIRE BELT LACING.	J. M. Hayden & Co., Grand Rapids, Mich.
	Malin & Co., Cleveland, O.
B. LACE LEATHER.	C. Anstedt Leather Co., Milwaukee, Wis.
	Bay State Belting Co., Boston, Mass.
	Brown Bros. Co., Providence, R. I.
	A. Burgess & Son, Providence, R. I.
	Josiah Gates & Sons, Lowell, Mass.
	H. F. Herkner, 281 Front St., New York.
	Jewell Belting Co., Hartford, Conn.
	Loeb Bros. Leather Belting Co., 34 Ferry St., New York.
	New York Leather Belting Co., 8 Ferry St., New York.
	Norwich Belt Mfg. Co., Norwich, Conn.
	Page Belting Co., Concord, N. H.
	Chas. A. Schieren & Co., 45 Ferry St., New York.
	Wm. Sumner Belting Co., Tolland, Conn.
	J. B. Williams & Sons, Dover, N. H.
C. METALLIC BELT LACING.	Bristol Co., Waterbury, Conn.
	Malin & Co., Cleveland, O.
D. RAWHIDE LACING.	Brown Bros. Co., Providence, R. I.
	A. Burgess & Son, Providence, R. I.
	Chicago Rawhide Mfg. Co., 75 E. Ohio St., Chicago, Ill.
	Wm. Coupe & Co., South Attleboro, Mass.
	Jewell Belting Co., Hartford, Conn.
	New York Leather Belting Co., 8 Ferry St., New York.
	Page Belting Co., Concord, N. H.
	Weatherhead, Thompson & Co., Pawtucket, R. I.
E. TIPPED LACING.	Fletcher Mfg. Co., Providence, R. I.
	Jewell Belting Co., Hartford, Conn.
	Chas. A. Schieren & Co., 47 Ferry St., New York.
3311. BENCH COLUMNS, CAST.	
	Brown & Sharpe Mfg. Co., Providence, R. I.
	J. B. & J. M. Cornell, 143 Centre St., New York.
	W. O. Hickok Mfg. Co., Harrisburg, Pa.
	Sessions Foundry Co., Bristol, Conn.
3312. BENT WOOD.	Wheel & Wood Bending Co., Bridgeport, Conn.
	John J. Wright, Bremen, Ind.
3313. BESSEMER CONVERTERS.	
	Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
	Dickson Mfg. Co., Scranton, Pa.
	Riter-Conly Co., Pittsburg, Pa.
3314. BICYCLE MAKERS' SUPPLIES.	
A. BICYCLE BRAZERS.	Buffalo Dental Mfg. Co., Buffalo, N. Y.
B. BICYCLE CASTINGS, STEEL.	Acme Malleable Iron Works, Buffalo, N. Y.
C. BICYCLE CHAIN TESTING MACHINES.	M. A. Barber, Norwich, Conn.
D. BICYCLE HUB MACHINES.	Bardons & Oliver, Cleveland, O.
E. BICYCLE PEDAL MODELS.	U. S. Mfg. Co., Fond Du Lac, Wis.
F. BICYCLE SCREW MACHINE WORK.	Snell Cycle Fittings Co., Toledo, O.
G. BICYCLE SCREW PLATES.	Butterfield & Co., Derby Line, Vt.
H. BICYCLE STAMPED PARTS.	C. J. Smith & Sons Co., Milwaukee, Wis.
I. BICYCLE STAMPINGS.	A. N. Clark & Son, Plainville, Conn.
J. BICYCLE STOCKS & DIES.	Holroyd & Co., Waterford, N. Y.
K. BICYCLE TAPS.	Holroyd & Co., Waterford, N. Y.
L. BICYCLE THREADING MACHINES.	Webster & Perks Tool Co., Springfield, O.
M. BICYCLE TUBING.	C. J. Smith & Sons Co., Milwaukee, Wis.
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
3315. BILLIARD TABLE BEDS.	
	Brunswick-Balke-Collender Co., 17th St. & B'way, New York.

East Bangor Consolidated Slate Co., East Bangor, Pa.
Eureka Slate Quarry, Fair Haven, Vt.
E. L. Goodrich & Co., Fair Haven, Vt.

3316. BIN BOTTOMS. Nordyke & Marmon Co., Indianapolis, Ind.

3317. BIRCH BARK, GROUND.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3318. BLACKSMITHS' APRONS.
F. A. Hull & Co., Danbury, Conn.

3319. BLAST FURNACE WORK.
Allentown Foundry & Machine Works, Allentown, Pa.
Reading Iron Co., Reading, Pa.

A. BLAST FURNACE FITTINGS. Stanley G. Flagg & Co., N. 19th St., Philadelphia, Pa.
Midvale Foundry Co., Allentown, Pa.

3320. BLEACHERS' SUPPLIES.
Chambers, Calders & Co., Providence, R. I.

A. BLEACHERY EYES. Boston Belting Co., Boston, Mass.

3321. BOILER & STEAM PIPE COVERINGS.
Chic. Fire Proof Cover. Co., 48 Franklin St., Chicago, Ill.
Julius De Long & Co., Allegheny City, Pa.
A. A. Griffing Iron Co., 66 Centre St., New York.
Manville Covering Co., Milwaukee, Wis.
John A. McConnell & Co., Pittsburg, Pa.
Monarch Covering Co., Jersey City, N. J.
N. Y. Fire Proof Covering Co., 26 Cortlandt St., New York.
S. C. Nightingale & Childs, Boston, Mass.
Chas. W. Trainer Mfg. Co., Boston, Mass.
C. A. Turner, Market St. & 1st Av., Pittsburg, Pa.
H. F. Watson Co., Erie, Pa.

A. ASBESTOS COVERING. Philip Carey Mfg. Co., Lockwood, O.
Cincinnati Roofing Co., Cincinnati, O.
H. W. Johns Mfg. Co., 100 William St., New York.
Keasby & Mattison Co., Ambler, Pa.
Manville Covering Co., Milwaukee, Wis.
N. Y. Fire Proof Covering Co., 26 Cortlandt St., New York.
H. F. Watson Co., Erie, Pa.

B. MAGNESIA COVERING. Keasby & Mattison Co., Ambler, Pa.
Magnesia Covering Co., Ambler, Pa.
Manville Covering Co., Milwaukee, Wis.
N. Y. Fire Proof Covering Co., 26 Cortlandt St., New York.

C. SECTIONAL COVERING. Philip Carey Mfg. Co., Lockwood, O.
H. W. Johns Mfg. Co., 100 William St., New York.
Manville Covering Co., Milwaukee, Wis.
John A. McConnell & Co., Pittsburg, Pa.
H. F. Watson Co., Erie, Pa.
Western Mineral Wool Co., Cleveland, O.

D. STEAM PIPE CASING. Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.
Mich. Pipe Co., Bay City, Mich.
National Tube Works Co., McKeesport, Pa.
Williamsport Wooden Pipe Co., Williamsport, Pa.
A. Wyckoff & Son, Elmira, N. Y.

3322. BOILER COMPOUNDS.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Gleason Boiler Compound Co., Cleveland, O.
Jas. F. Hotchkiss, 110 Liberty St., New York.
Imperial Chemical Co., 324 St. John St., Philadelphia, Pa.
Franklin H. Kalbfleisch Co., 54 Maiden Lane, New York.
Litofuge Mfg. Co., 1712 Market St., Philadelphia, Pa.
George W. Lord, 316 Delancey St., Philadelphia, Pa.
Reliance Oil & Grease Co., Cleveland, O.
Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.
D. A. Stuart & Co., Inc., 8 State St., Chicago, Ill.
D. D. Williamson & Co., 14 Dey St., New York.
J. C. Winans, San Francisco, Cal.

3323. BOILER HANDLES. Stover Mfg. Co., Freeport, Ill.

3324. BONE, GROUND. Carroll S. Page, Hyde Park, Vt.
Rogers & Hubbard Co., Middletown, Conn.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

A. BONE ASH. Denver Fire Clay Co., Denver, Col.
Michigan Carbon Works, Detroit, Mich.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

B. BONE BLACK. Empire Carbon Works, St. Louis, Mo.
Lister Agricultural Chemical Works, Newark, N. J.
Michigan Carbon Works, Detroit, Mich.
Pettit Chemical Co., 256 Front St., New York.
Scaver & Co., 120 Milk St., Boston, Mass.

C. BONE DUST. H. J. Baker & Bro., 95 William St., New York.

	John Bullock & Son, Baltimore, Md.
	Cleveland Dryer Co., Cleveland, O.
	Charles Cooper & Co., 194 Worth St., New York.
	Lister Agricultural Chemical Works, Newark, N. J.
	P. B. Mathiason Mfg. Co., St. Louis, Mo.
	Michigan Carbon Works, Detroit, Mich.
	J. H. Slack, Bloomsbury, N. J.
D. BONE FLOUR.	H. J. Baker & Bro., 95 William St., New York.
	Michigan Carbon Works, Detroit, Mich.
E. BONE MEAL.	H. J. Baker & Bro., 95 William St., New York.
	Empire Carbon Works, St. Louis, Mo.
	Michigan Carbon Works, Detroit, Mich.
	York Chemical Works, York, Pa.
F. GRANULATED RAW BONE.	Rogers & Hubbard Co., Middletown, Conn.
	York Chemical Works, York, Pa.
3325. BONES, LEG & FLAT.	Lister Agricultural Chemical Works, Newark, N. J.
3326. BOOKBINDERS' SUPPLIES.	
	Golding & Co., Boston, Mass.
A. BOOKBINDERS' GILDING POWDERS.	S. C. Rogers & Co., Buffalo, N. Y.
B. BOOK CLOTH.	Jos. Bancroft & Sons Co., Wilmington, Del.
	Thos. Garnar & Co., 181 William St., New York.
	Interlaken Mills, Providence, R. I.
	Parker Bleaching & Dye Works, Meriden, Conn.
	H. B. Wiggin's Sons, Bloomfield, N. J.
C. BOOK CLOTH, IMITATION.	Charles Beck Paper Co., 609 Chestnut St., Philadelphia, Pa.
D. BOOK HEAD BANDS.	Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
	Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
3327. BOOT & SHOE SUPPLIES.	
	Bridgeport Elastic Web Co., Bridgeport, Conn.
	Jas. Clark Leather Co., St. Louis, Mo.
	Globe Buffer Co., 110 Lincoln St., Boston, Mass.
	Robert Harkinson & Co., 315 N. 2d St., Philadelphia, Pa.
	Charles L. Hauthaway & Sons, Boston, Mass.
	Miller Mfg. Co., Fort Wayne, Ind.
	Arthur W. Pope & Co., 45 High St., Boston, Mass.
	Wm. H. Wiley & Son, Hartford, Conn.
A. BOOT & SHOE COUNTERS.	Graton & Knight Mfg. Co., Worcester, Mass.
	Hilliard & Merrill, Lynn, Mass.
	James Houghton & Sons, Lynn, Mass.
	Miller Mfg. Co., Fort Wayne, Ind.
	D. S. Packard & Co., Brockton, Mass.
	Parker Bros., Lynn, Mass.
	Russell Counter Co., Boston, Mass.
B. BOOT & SHOE STIFFENINGS.	James Houghton & Sons, Lynn, Mass.
	National Fibre Board Co., Boston, Mass.
	Parker Bros., Lynn, Mass.
	S. B. Rogers & Co., Boston, Mass.
	Edward E. Spencer & Co., 34 Warren St., New York.
	Sumner Counter Co., Haverhill, Mass.
C. BOOT FELT.	Chas. N. Bacon, 98 Milk St., Boston, Mass.
	City Mills Co., City Mills, Mass.
	Eastern Felting & Buffing Wheel Co., Winchester, Mass.
	Grand Rapids Felt Boot Co., Grand Rapids, Mich.
D. BOX TOES & STAYS.	Mulligan & Drislane, 78 R. R. Av., Brockton, Mass.
E. BURNISHERS' INK.	Chas. F. Baker & Co., 50 Lincoln St., Boston, Mass.
	N. B. Fletcher & Co., Lynn, Mass.
	Robert Harkinson & Co., 315 N. 2d St., Philadelphia, Pa.
	James Houghton & Sons, Lynn, Mass.
	Frank Miller Co., 349 W. 26th St., New York.
	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
	Whittemore Bros. & Co., 237 Albany St., Boston, Mass.
F. CLOG SOLES.	Buffalo Last Works, Buffalo, N. Y.
G. CORK INSOLES.	Armstrong Cork Co., Pittsburg, Pa.
H. CUT INSOLES.	Graton & Knight Mfg. Co., Worcester, Mass.
	Howell-Hinchmann Co., Middletown, N. Y.
	Miller Mfg. Co., Fort Wayne, Ind.
I. CUT SOLES.	Baxter, Schenkelberger & Co., Boston, Mass.
	Bay State Cut Sole Co., Boston, Mass.
	Willis W. George, Lynn, Mass.
	Graton & Knight Mfg. Co., Worcester, Mass.
	Hilliard & Merrill, Lynn, Mass.
	J. K. Krieg & Co., 39 Warren St., New York.
	Miller Mfg. Co., Fort Wayne, Ind.
	Pfister & Vogel Leather Co., Milwaukee, Wis.
	J. F. Schoellkopf's Sons, Buffalo, N. Y.

J. FELT SOLES.	Chas. N. Bacon, 98 Milk St., Boston, Mass.
K. HEEL CUSHIONS, RUBBER.	C. J. Bailey & Co., 22 Boylston St., Boston, Mass.
L. HEEL PROTECTORS.	Frank W. Whitcher & Co., 4 High St., Boston, Mass.
M. HEELS.	W. A. Barr & Son, Spencer, Mass.
	F. A. Cheney, Haverhill, Mass.
	Timothy Colman, Woburn, Mass.
	Columbia City Heel Co., Columbia City, Ind.
	Mrs. Julia Donohue, Haverhill, Mass.
	Greene Bros., Milford, Mass.
	James Houghton & Sons, Lynn, Mass.
	John F. Mansfield & Co., 219 North St., Boston, Mass.
	Miller Mfg. Co., Fort Wayne, Ind.
	Ross Heel Co., South Easton, Mass.
	F. M. Shaw & Son, Brockton, Mass.
N. HEEL SLUGS.	"S" Heel Slug Co., 31 Spruce St., New York.
O. HEELS, SPRING.	P. Cox Shoe Mfg. Co., Rochester, N. Y.
P. LEATHER DRESSING.	Eclipse Cement Co., 1240 N. 44th St., Philadelphia, Pa.
	Robert Harkinson & Co., 315 N. 2d St., Philadelphia, Pa.
	Page Belting Co., Concord, N. H.
	Restorff & Bettman, 35 Bond St., New York.
	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
	A. Viscal Co., East Cambridge, Mass.
	Whittemore Bros. & Co., 237 Albany St., Boston, Mass.
Q. LEATHER SHOE BINDING.	M. H. Merriam, Lexington, Mass.
	Palmer, Smith & Co., Inc., Newark, N. J.
	Parker Bros., Lynn, Mass.
	Edward E. Spencer & Co., 34 Warren St., New York.
R. RUBBER SHOE LINING.	Draper Bros. Co., Canton, Mass.
	James Houghton & Sons, Lynn, Mass.
S. SHOE & SLIPPER BOWS.	J. A. Dalrymple & Co., Haverhill, Mass.
T. SHOE BUTTON FLYS.	Crimped & Embossed Edging Co., 31 Spruce St., New York.
U. SHOE BUTTONS.	German-American Button Co., Rochester, N. Y.
	M. M. Rhodes & Sons Co., Taunton, Mass.
	J. Sommer's Son, Newark, N. J.
V. SHOE BUTTON WELTS.	Crimped & Embossed Edging Co., 31 Spruce St., New York.
W. SHOE HOOKS.	Pratt Fastener Co., 12 Columbia St., Boston, Mass.
	Edwin B. Stimpson & Son, 31 Spruce St., New York.
X. SHOEMAKERS' WAX.	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
Y. SHOE PEGS.	Brockton Stay Co., Brockton, Mass.
	A. F. Cox & Son, Inc., Portland, Me.
	Crawford, McGregor & Canby, Dayton, O.
	Kearsarge Peg Co., Bartlett, N. H.
	Kingsley Bros., Salisbury Center, N. Y.
	J. G. McCarter, 100 Utica St., Boston, Mass.
	Moore Peg Co., Lisbon, N. H.
Z. SHOE RANDS	Miller Mfg. Co., Fort Wayne, Ind.
AA. SHOE SHANKS.	A. F. Cox & Son, Portland, Me.
	W. W. Potter Shank Co., 108 Beach St., Boston, Mass.
	Geo. H. Stevens Shank Co., Boston, Mass.
BB. SHOE SHANKS, STEEL.	Atlas Tack Corporation, Taunton, Mass.
	A. F. Cox & Son, Portland, Me.
	David A. Gurney & Co., Whitman, Mass.
	Jenkins Bros. & Co., Whitman, Mass.
	Geo. H. Stevens Shank Co., Boston, Mass.
CC. SHOE STAINS.	Chas. F. Baker & Co., 50 Lincoln St., Boston, Mass.
	John W. Crooker & McKenzie Mfg. Co., Lynn, Mass.
	Robert Harkinson & Co., 315 N. 2d St., Philadelphia, Pa.
DD. SHOE STUDS.	A. F. Cox & Son, Portland, Me.
	James Houghton & Sons, Lynn, Mass.
	Tubular Rivet Co., 87 Lincoln St., Boston, Mass.
EE. SHOE TAPS.	Baxter, Schenkelberger & Co., Boston, Mass.
	James Houghton & Sons, Lynn, Mass.
	J. K. Krieg & Co., 39 Warren St., New York.
	Miller Mfg. Co., Fort Wayne, Ind.
	Pfister & Vogel Leather Co., Milwaukee, Mich.
FF. SHOE TIPS.	American Shoe Tip Co., 34 Summer St., Boston, Mass.
	Joseph H. Cochey, Lynn, Mass.
	A. F. Cox & Son, Portland, Me.
	I. W. Dawson & Co., Newark, N. J.
	James Houghton & Sons, Lynn, Mass.
	L. E. Martin & Co., Haverhill, Mass.
	Charles S. Pierce, Brockton, Mass.
	Sole Leather Tip Co., Fitchburg, Mass.
GG. SHOE TONGUES.	A. F. Cox & Son, Portland, Me.
	James Houghton & Sons, Lynn, Mass.
	W. J. Windram & Son, 40 Oliver St., Boston, Mass.

HH.	SHOE TOP LIFTS.	A. F. Cox & Son, Portland, Me. James Houghton & Sons, Lynn, Mass. J. K. Krieg & Co., 39 William St., New York.
II.	SHOE TRIMMINGS.	Chas. F. Baker & Co., Boston, Mass. A. F. Cox & Co., Portland, Me. James Houghton & Sons, Lynn, Mass. Parker Bros., Lynn, Mass. A. F. Smith, Lynn, Mass.
JJ.	SHOE UPPERS.	John Allen, Brockton, Mass. A. F. Cox & Son, Portland, Me. P. R. L. Hardenbergh & Co., 8th St., St. Paul, Minn. Alfred Scannell Leather Co., St. Louis, Mo.
KK.	SHOE WELTS.	A. F. Cox & Son, Portland, Me. James Houghton & Sons, Lynn, Mass. Union Welting Co., 43 Lincoln St., Boston, Mass. Williams, Hoyt & Co., Rochester, N. Y.
LL.	SOAPSTONE BOOT DRYERS.	Pike Mfg. Co., Pike Station, N. H.
MM.	TIE FASTENERS.	Howard Mfg. Co., Grand Rapids, Mich.
NN.	VAMP STAYS.	Crimped & Embossed Edging Co., 31 Spruce St., New York.
OO.	WELT FASTENERS.	Acme Staple Co., Ltd., 500 N. 12th St., Philadelphia, Pa.
PP.	WOOL SOLES.	James Houghton & Sons, Lynn, Mass. Wm. H. Wiley & Son, Hartford, Conn.

3328. BORTS. American Diamond Rock Drill Co., 120 Liberty St., N. Y.

3329. BOTTLERS' & BREWERS' SUPPLIES.

A.	AGEING OIL.	Chaskel Chemical Works, Inc., 177 Pearl St., New York. Alex. Fries & Bros., Cincinnati, O.
B.	BEER CONTRACTS.	Geo. Leis, Lawrence, Mass.
C.	BOTTLE CAPS.	Bernardin Bottle Cap Co., Inc., Evansville, Ind. Lehmaier, Schwartz & Co., 209 E. 22d St., New York. Manning, Bowman & Co., Meriden, Conn. Thatcher Mfg. Co., Potsdam, N. Y. Truslow & Co., 4 Platt St., New York. Wheeling Hinge Co., Wheeling, W. Va.
D.	BOTTLE CAPS, ALUMINUM.	Pratt Mfg. Co., 167 Wooster St., New York.
E.	BOTTLE CAPSULES.	Budde & Westermann, 52 Vesey St., New York. John J. Crooke Co., 186 Grand St., New York. Lehmaier, Schwartz & Co., 209 E. 22d St., New York. Truslow Co., 4 Platt St., New York. Wittemann Bros., 188 William St., New York.
F.	BOTTLE DRAWING TRUCKS.	Lansing Wheelbarrow Co., Lansing, Mich.
G.	BOTTLE FASTENINGS.	Wheeling Hinge Co., Wheeling, W. Va.
H.	BOTTLE GUARDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
I.	BOTTLERS' COLORINGS.	Chaskel Chemical Works, Inc., 177 Pearl St., New York. Delisser & Co., 457 W. 26th St., New York. Firm of John Matthews, 329 E. 26th St., New York. Alex. Fries & Bros., Cincinnati, O. Robert McKinnon, Little Falls, N. Y. Truslow & Co., 4 Platt St., New York. D. D. Williamson & Co., 14 Dey St., New York. Wood & Selick, 36 Hudson St., New York.
J.	BOTTLERS' FLAVORS.	Chaskel Chemical Works, Inc., 177 Pearl St., New York. Alex. Fries & Bros., Cincinnati, O. Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill. J. Roemheld & Co., 212 Kinzie St., Chicago, Ill. Wm. Rudkin's Sons, 69 John St., New York. Truslow & Co., 4 Platt St., New York.
K.	BOTTLERS' STOPPERS.	Karl Hutter, 34 Reade St., New York. Truslow & Co., 4 Platt St., New York. Wheeling Hinge Co., Wheeling, W. Va. A. H. Wirz, 917 Cherry St., Philadelphia, Pa.
L.	BOTTLERS' SUPPLIES.	Hugo Cahn & Co., 67 Murray St., New York. Chaskel Chemical Works, Inc., 177 Pearl St., New York. N. H. Heyman, 438 E. 59th St., New York. Jones Mfg. Co., Boston, Mass. Truslow & Co., 4 Platt St., New York. S. Twitchell, 225 Vine St., Philadelphia, Pa. Yawman & Erbe Mfg. Co., Rochester, N. Y. W. Zinsser & Co., 197 William St., New York.
M.	BOTTLERS' SYRUPS.	Cleveland Cider Co., Unionville, O. N. W. Taussig & Co., 111 Wall St., New York. Truslow & Co., 4 Platt St., New York. West India Mfg. Co., 13 N. 2d St., St. Louis, Mo.
N.	BOTTLE TOPS.	W. H. Hutchinson & Son, Inc., 196 S. Desplaines St., Chic., Ill.

C. A. Luther & Co., Pawtucket, R. I.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
Truslow & Co., 4 Platt St., New York.
Wittemann Bros., 188 William St., New York.

O. BOTTLE WASHERS. Truslow & Co., 4 Platt St., New York.
P. BOTTLE WAX. Chamberlin & Johnson, Allegheny, Pa.
Q. BREWERS' CANDLESTICKS. John Sommer's Son, Newark, N. J.
R. BREWERS' DRIED GRAINS. John Gund Brewing Co., La Crosse, Wis.
S. BREWERS' GRITS. Hudnut Co., Terre Haute, Ind.
Nebraska City Cereal Mills, Nebraska City, Neb.
T. BREWERS' PITCH. Marx & Rawolle, 163 William St., New York.
S. P. Shotter Co., Savannah, Ga.
Truslow & Co., 4 Platt St., New York.
W. Zinsser & Co., 197 William St., New York.
U. BREWERS' SUPPLIES. Hugo Cahn & Co., 67 Murray St., New York.
Charles Ehlermann Hop & Malt Co., St. Louis, Mo.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Truslow & Co., 4 Platt St., New York.
V. BREWERS' WHEELS. Home Rubber Co., Trenton, N. J.
W. CLARIFYING SHAVINGS. Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
X. FRUIT JUICE. Beach & Clarridge Co., Inc., Boston, Mass.
W. H. Hutchinson & Son, Inc., 196 S. Desplaines St., Chic., Ill.
Mihalovitch, Fletcher & Co., Cincinnati, O.
Nicholas Rath & Co., 30 S. William St., New York.
I. Calvin Schafer Co., 8 W. Broadway, New York.
Y. SCREW CAPS, TIN. Ohio Lantern Co., Tiffin, O.
Z. WIRE CORKSCREWS. National Mfg. Co., Worcester, Mass.
Rockwell-Clough Co., Alton, N. H.
C. F. Williamson Wire & Novelty Co., Newark, N. J.
AA. WIRE LOOPS. W. H. Hutchinson & Son, Inc., 196 S. Desplaines St., Chic., Ill.
Truslow & Co., 4 Platt St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29
BB. WOODEN BOTTLE CORKERS. Redlich Mfg. Co., 10 Oak St., Chicago, Ill.

3330. BOX PRINTING TYPE.
Geo. W. Prouty & Co., Boston, Mass.

3331. BRAIDED BANDINGS. Ossawan Mills Co., Norwich, Conn.

3332. BRASS BALLS. Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Excelsior Machine Co., Buffalo, N. Y.

3333. BRASSES, MACHINERY.
V. Gilb & Son, Birmingham, Ala.
John H. McGowan Co., Cincinnati, O.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
A. ROLLING MILL BRASSES. Chicago Brass Co., 76 Monroe St., Chicago, Ill.
V. Gilb & Son, Birmingham, Ala.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
B. SNUFF MILL BRASSES. E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

3334. BRASS HOSIERY STAMPS.
S. H. Quint & Sons, 15 S. 4th St., Philadelphia, Pa.

3335. BRAZIERS' SUPPLIES.
A. BRAZIERS' GASOLINE TANKS. John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
B. BRAZING STANDS. R. C. Wall Mfg. Co., 725 Arch St., Philadelphia, Pa.

3336. BRICK & TILE YARD SUPPLIES.
American Blower Co., Detroit, Mich.
American Clay Working Machine Co., Bucyrus, O.
D. J. C. Arnold, New London, O.
Mich. Brick & Tile Mach. Co., Morenci, Mich.
Ohio Machine Co., Middleport, O.
I. W. Penfield & Son, Willoughby, O.
Chas. W. Raymond & Co., Dayton, O.
J. C. Steele & Sons, Statesville, N. C.
Tiffin Agricultural Works, Tiffin, O.

3337. BRICKS FOR ABRASIVE PURPOSES.
Carborundum Co., Niagara Falls, N. Y.

3338. BROOM CORN. Geo. F. Howell & Co., 205 N. Water St., Philadelphia, Pa.

3339. BRUSH MAKERS' SUPPLIES.
A. BRISTLE MIXTURES. E. B. & A. C. Whiting, Burlington, Vt.
B. BRISTLES. American Curled Hair Co., 130 Pearl St., New York.
Armour Curled Hair Works, 205 Lasalle St., Chicago, Ill.
Peter Woll & Sons, Berks & Mutter Sts., Philadelphia, Pa.
C. BRUSH BACKS. Piqua Handle & Mfg. Co., Piqua, O.
Van Stone Mfg. Co., Providence, R. I.
D. BRUSH BANDS. H. O. Lothrop & Co., Boston, Mass.
E. BRUSH BLOCKS. Mahle Boring Machine Co., Corry, Pa.
Piqua Handle & Mfg. Co., Piqua, O.

F. BRUSH FIBRE.	Ellis Thayer's Son, Pawtucket, R. I.	
	E. B. & A. C. Whiting, Burlington, Vt.	
G. BRUSH HANDLES.	A. A. Ellis, Keene, N. H.	
H. BRUSH HEADS.	Holgate Bros. Co., Kane, Pa.	
I. BRUSH MAKERS' PITCH.	S. P. Shotter Co., Savannah, Ga.	
J. BRUSH PLUGS.	Austin A. Ellis, Keene, N. H.	
K. STAMPED METAL BACKS.	Matthews & Willard Co., Waterbury, Conn.	
3340. BUCKLES.	Crandal, Stone & Co., Binghamton, N. Y.	
	North & Judd Mfg. Co., New Britain, Conn.	*32
	Waterbury Buckle Co., Waterbury, Conn.	
A. BELT BUCKLES.	Codding & Heilborn Co., North Attleboro, Mass.	
	Elbel & Co., Canton, O.	
	W. & E. T. Fitch Co., New Haven, Conn.	
	R. C. Jenkinson & Co., Newark, N. J.	
	Lane Mfg. Co., Waterbury, Conn.	
	North & Judd Mfg. Co., New Britain, Conn.	*32
	Eugene H. Richards, Boston, Mass.	
	Henry E. Smith, Newark, N. J.	
	Waterbury Buckle Co., Waterbury, Conn.	
B. GARTER BUCKLES.	American Buckle Co., West Haven, Conn.	
	Lane Mfg. Co., Waterbury, Conn.	
C. HAT BUCKLES.	American Buckle Co., West Haven, Conn.	
	North & Judd Mfg. Co., New Britain, Conn.	*32
	Eugene H. Richards, Boston, Mass.	
D. LOCK PRONG BUCKLES.	Newell Bros. Mfg. Co., Springfield, Mass.	
E. OVERSHOE BUCKLES.	American Buckle Co., West Haven, Conn.	
	Goodyear Buckle Co., 14 Dunham Place, Brooklyn, N. Y.	
	Hammond Buckle Co., Waterbury, Conn.	
	North & Judd Mfg. Co., New Britain, Conn.	*32
	Judson L. Thomson Mfg. Co., Waltham, Mass.	
F. SUSPENDER BUCKLES.	American Buckle Co., West Haven, Conn.	
	North & Judd Mfg. Co., New Britain, Conn.	*32
	Traut & Hine Mfg. Co., New Britain, Conn.	
	West Haven Buckle Co., West Haven, Conn.	
G. TROUSERS BUCKLES.	American Buckle Co., West Haven, Conn.	
	North & Judd Mfg. Co., New Britain, Conn.	*32
	West Haven Buckle Co., West Haven, Conn.	
H. VENTILATOR BUCKLES.	Armstrong Mfg. Co., Bridgeport, Conn.	*18
I. WIRE BUCKLES.	North & Judd Mfg. Co., New Britain, Conn.	*32
3341. BUFFING COMPOUNDS.		
	Racine Malleable & Wrought Iron Co., Racine, Wis.	
	F. B. Stevens, Detroit, Mich.	
3342. BULLION MOULDS.	Edward P. Allis Co., Milwaukee, Wis.	
3343. BUTCHERS' & PACKERS' SUPPLIES.		
	Chas. Forschner & Sons, 206 E. 19th St., New York.	
	Bernard Gloekler, Pittsburg, Pa.	
	Henrichson & Bro., Cincinnati, O.	
	McElroy Iron Works Co., Keokuk, Iowa.	
	August Nittinger, 826 N. 4th St., Philadelphia, Pa.	
	S. Oppenheimer & Co., 96 Pearl St., New York.	
A. BUTCHERS' BLOCKS.	Winship Mfg. Co., Racine, Wis.	
B. BUTCHERS' TRAYS.	Stewart & Peterson Co., Burlington, N. J.	
C. GAMBREL STICKS.	Piqua Handle & Mfg. Co., Piqua, O.	
3344. BUTTON EYES & COLLETS.		
	L. C. White Co., Waterbury, Conn.	
3345. CABINET TRIMMINGS.		
	Bradley & Currier Co., 119 W. 23d St., New York.	
3346. CABLE COATINGS.	Freedom Oil Works, Freedom, Pa.	
3347. CANE MOUNTINGS.	Novelty Mfg. Co., Waterbury, Conn.	
	Simons Bros. & Co., 616 Chestnut St., Philadelphia, Pa.	
	L. Winckler, 142 Fulton St., New York.	
A. CANE HEADS.	W. J. Braitsch & Co., Providence, R. I.	
	J. Briggs & Sons Co., Providence, R. I.	
	J. F. Fradley & Co., Inc., 114 E. 14th St., New York.	
	F. Grote & Co., 114 E. 14th St., New York.	
	Kaldenberg Importing & Trading Co., 438 Broome St., N. Y.	
	Lancaster Silver Plate Co., Lancaster, Pa.	
	Leominster Mfg. Co., Leominster, Mass.	
	P. H. Locklin & Sons, 142 Fulton St., New York.	
	Simons Bros. & Co., 616 Chestnut St., Philadelphia, Pa.	
	Tilton & Cook, Leominster, Mass.	
	L. Winckler, 142 Fulton St., New York.	
3348. CAN JACKETS.	Michigan Barrel Co., Grand Rapids, Mich.	
	South Side Mfg. Co., Pittsburg, Pa.	
3349. CARBIDE OF SILICON.		
	Carborundum Co., Niagara Falls, N. Y.	

3350. CARBONS FOR TOOL POINTS.
American Diamond Rock Drill Co., 120 Liberty St., N. Y.

3351. CARPENTERS' PINCHERS.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

3352. CARPET BINDINGS.

A. CARPET CORNERS.
Gould-Mersereau Co., 259 Canal St., New York.

B. METALLIC BINDING.
Gould-Mersereau Co., 259 Canal St., New York.
M. Gould's Son Co., Newark, N. J.
H. L. Judd & Co., 87 Chambers St., New York.

C. OIL CLOTH BINDING.
H. L. Judd & Co., 87 Chambers St., New York.

3353. CARTRIDGE BLANKS.
Coe Brass Mfg. Co., Torrington, Conn.

3354. CASE HARDENING MATERIAL.
Michigan Carbon Works, Detroit, Mich.
Rogers & Hubbard Co., Middletown, Conn.

3355. CASEMENT FASTENERS.
Mallory-Wheeler Co., New Haven, Conn.

3356. CASH REGISTER CABINETS.
H. C. Underwood Mfg. Co., Wabash, Ind.

3357. CASTER WHEELS.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Novelty Wood Works, Union City, Pa.
John Sommer's Son, Newark, N. J.
Union Hardware Co., Torrington, Conn.
Williams & Marvin, Deep River, Conn.

3358. CASTINGS.
Aluminum Sign & Novelty Co., Columbus, O.
Belle City Mfg. Co., Racine, Wis.
Concord Axle Co., Penacook, N. H.
P. J. Conroy & Co. Iron Works, 75th St., Philadelphia, Pa.
C. & G. Cooper Co., Mount Vernon, O.
Davis & Farmer Mfg. Co., Waltham, Mass.
Farley & Loetscher Mfg. Co., Dubuque, Iowa.
A. A. Griffing Iron Co., 66 Centre St., New York.
Hemacite Mfg. Co., Trenton, N. J.
Judson Governor Co., Rochester, N. Y.
Kingsland & Douglas Mfg. Co., St. Louis, Mo.
Link-Belt Machine Co., Stewart Av.& 39th St., Chicago, Ill.
Novelty Iron Works, Sterling, Ill.
Payne Co., Inc., Elmira, N. Y.
Robt. Poole & Son Co., Baltimore, Md.
Ramapo Iron Works, Hillburn, N. Y.
Rosedale Foundry Co., Allegheny, Pa.
St. Charles Car Co., St. Charles, Mo.
St. Louis Car Wheel Co., St. Louis, Mo.
Swinton & Co., Port Jervis, N. Y.

A. AGRICULTURAL MACHINERY CASTINGS.
Dayton Malleable Iron Co., Dayton, O.
Pratt & Letchworth, Buffalo, N. Y.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Star Mfg. Co., Carpentersville, Ill.
Stover Mfg. Co., Freeport, Ill.
Syracuse Malleable Iron Works, Syracuse, N. Y.
Union Iron & Steel Co., Youngstown, O.
Weyburn & Briggs Co., Rockford, Ill.
R. W. Whitehurst & Co., Norfolk, Va.
Wisconsin Malleable Iron Co., Milwaukee, Wis.

B. ALUMINUM CASTINGS.
Aluminum Sign & Novelty Co., Columbus, O.
Bay State Aluminum Co., Quincy, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Buescher Mfg. Co., Elkhart, Ind.
Pittsburg Reduction Co., Pittsburg, Pa.
Providence Aluminum Co., Providence, R. I.
Stover Mfg. Co., Freeport, Ill.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

C. BELL METAL CASTINGS.
E. A. Williams & Son, Jersey City, N. J.

D. BRASS CASTINGS.
Adams & Westlake Co., Ontario & N. Frank. Sts., Chic., Ill.
American Pin Co., Waterbury, Conn.
Ames Sword Co., Chicopee, Mass.
Barbour-Stockwell Co., Cambridgeport, Mass.
Bay State Aluminum Co., Quincy, Mass.
Bay State Metal Works, Cambridgeport, Mass.
Best, Fox & Co., Pittsburg, Pa.
Lloyd Booth Co., Youngstown, O.
Bridgeport Brass Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Buescher Mfg. Co., Elkhart, Ind.
A. W. Cadman Mfg. Co., Pittsburg, Pa.
J. B. Chapman & Co., 51 Taylor St., Springfield, Mass.

Chickasaw Iron Works, Memphis, Tenn.
Crown Smelting Co., Chester, Pa.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Davenport Foundry & Mach. Co., Davenport, Iowa.
Diamond State Iron Co., 29 Broadway, New York.
Dickson Mfg. Co., Scranton, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Elbel & Co., Canton, O.
Epping-Carpenter Co., Pittsburg, Pa.
Eureka Tempered Copper Works, North East, Pa.
Everhart Brass Works, Scranton, Pa.
Fishkill Landing Mach. Co., Fishkill-on-the-Hudson, N. Y.
Frontier Iron Works, Detroit, Mich.
A. J. Fullmer & Co., Camden, N. J.
F. L. Gaylor Co., Ansonia, Conn.
V. Gilb & Son, Birmingham, Ala.
Grand Rapids Brass Co., Grand Rapids, Mich.
G. M. Gregory, 214 Front St., New York.
Wm. A. Harris Steam Engine Co., Providence, R. I.
Hewes & Phillips Iron Works, Newark, N. J.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Hooks Smelting Co., Broad & Hamilton Sts., Phila., Pa.
Hurlbut Co., Racine, Wis.
Johnson Co., Johnstown, Pa.
Wm. Kehoe & Co., Savannah, Ga.
Lackawanna Lubricating Co., Scranton, Pa.
Lansing Boiler & Engine Works, Lansing, Mich.
Litchfield Car Works, Litchfield, Ill.
Livermore Foundry & Mach. Co., Memphis, Tenn.
H. B. Maxwell, Rome, N. Y.
McClave, Brooks & Co., Scranton, Pa.
Jas. H. McLain Co., Canton, O.
McNab & Harlin Mfg. Co., Paterson, N. J.
National Brass & Iron Works, Reading, Pa.
Newburg Ice Machine & Engine Co., Newburg, N. Y.
R. C. Paul & Sons, Cumberland, Md.
Paxton & Vierling Iron Works, Omaha, Neb.
Peck Bros. & Co., New Haven, Conn.
Pittsburg Lamp & Brass Co., Allegheny, Pa.
Racine Hardware Co., Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
J. Regester & Sons, Baltimore, Md.
John T. Rowland, Racine, Wis.
Sheriffs Mfg. Co., Milwaukee, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Spicer Mfg. Co., New Philadelphia, Pa.
Springfield Brass Co., Springfield, O.
Springfield Foundry Co., Springfield, Mass.
E. Stebbins Mfg. Co., Brightwood, Mass.
Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
Stover Mfg. Co., Freeport, Ill.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Union Lock & Hardware Co., Lancaster, Pa.
Valley Iron Works, Williamsport, Pa.
E. W. Vanduzen Co., Cincinnati, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walworth Mfg. Co., Boston, Mass.
Warren Electric Mfg. Co., Sandusky, O.
West Point Iron Works, West Point, Ga.
Whittier Machine Co., Boston, Mass.
Wilcox, Crittenden & Co., Middletown, Conn.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
John Wood Mfg. Co., Conshohocken, Pa.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
Wright Steam Engine Works, Newburg, N. Y.

E. BRASS CASTINGS, HEAVY.
Everhart Brass Works, Scranton, Pa.
Lackawanna Lubricating Co., Scranton, Pa.
Lobdell Car Wheel Co., Wilmington, Del.
Sharpless & Watts, 1522 Chestnut St., Philadelphia, Pa.

F. BRIDGE CASTINGS.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
Chickasaw Iron Works, Memphis, Tenn.
Dickson Mfg. Co., Scranton, Pa.
Ensign Mfg. Co., Huntington, W. Va.
Lake Shore Foundry Co., Cleveland, O.
Litchfield Car Works, Litchfield, Ill.
Lombard Iron Works & Supply Co., Augusta, Ga.

	Mowry Car Wheel Works, East Av., Cincinnati, O.
	Novelty Iron Works, Dubuque, Iowa.
	Paxton & Vierling Iron Works, Omaha, Neb.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	Vulcan Iron Works, Wilkes-Barre, Pa.
G. BRIDGE PIER CASTINGS.	Adams & Westlake Co., Ontario & N. Frank. Sts., Chic., Ill.
	Addyston Pipe & Steel Co., Cincinnati, O.
	Ames Sword Co., Chicopee, Mass.
	Wm.Cramp & Sons Ship&Eng.Bldg.Co.,Beach&Ball,Phil.,Pa.
	Crown Smelting Co., Chester, Pa.
	F. L. Gaylor Co., Ansonia, Conn.
	Gillette-Herzog Mfg. Co., Minneapolis, Minn.
	G. M. Gregory, 214 Front St., New York.
	Novelty Iron Works, Dubuque, Iowa.
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
	Springfield Brass Co., Springfield, O.
	Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
	Vulcan Iron Works, 59 Milwaukee Av., Chicago, Ill.
H. BRONZE CASTINGS.	J. B. Chapman & Co., Springfield, Mass.
	F. L. Gaylor Co., Ansonia, Conn.
	V. Gilb & Son, Birmingham, Ala.
	Grand Rapids Brass Co., Grand Rapids, Mich.
	H. B. Maxwell, Rome, N. Y.
	National Brass & Iron Works, Reading, Pa.
	Stover Mfg. Co., Freeport, Ill.
	Union Lock & Hardware Co., Lancaster, Pa.
	E. W. Vanduzen Co., Cincinnati, O.
	Warren Electric Mfg. Co., Sandusky, O.
	E. A. Williams & Son, Jersey City, N. J.
	John Wood, Jr., Conschohocken, Pa.
I. BUILDING CASTINGS.	Chickasaw Iron Works, Memphis, Tenn.
	Lombard Iron Works & Supply Co., Augusta, Ga.
	Novelty Iron Works, Dubuque, Iowa.
	Vulcan Iron Works, Wilkes-Barre, Pa.
J. CANAL BOAT CASTINGS.	Armitage-Herschell Co., North Tonawanda, N. Y.
K. CHILLED CASTINGS.	Rosedale Foundry Co., Preble Av., Allegheny, Pa.
L. CHROME STEEL CASTINGS.	Chrome Steel Works, Brooklyn, N. Y.
M. COKE OVEN CASTINGS.	Dickson Mfg. Co., Scranton, Pa.
N. COMPOSITION METAL CASTINGS.	Bay State Aluminum Co., Quincy, Mass.
	Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
	J. B. Chapman & Co., Springfield, Mass.
	Crown Smelting Co., Chester, Pa.
	F. L. Gaylor Co., Ansonia, Conn.
	G. M. Gregory, 214 Front St., New York.
	Union Lock & Hardware Co., Lancaster, Pa.
O. COPPER CASTINGS.	Eastwood Wire Mfg. Co., Belleville, N. J.
	Eureka Tempered Copper Works, North East, Pa.
	V. Gilb & Son, Birmingham, Ala.
	Lackawanna Lubricating Co., Scranton, Pa.
	Muskegon Chemical Fire Engine Co., Muskegon, Mich.
	John T. Rowland, Racine, Wis.
	Turner Brass Works, 122 E. Kinzie St., Chicago, Ill.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
P. CRUSHER CASTINGS.	Taylor Iron & Steel Co., High Bridge, N. J.
Q. DELTA CASTINGS.	Phosphor Bronze Smelting Co.,Ltd.,2200 Washn.Av.,Phil.,Pa.
R. DRAIN CASTINGS.	Barbour-Stockwell Co., Cambridgeport, Mass.
S. ELECTRIC MOTOR CASTINGS.	Chester Steel Castings Co., Chester, Pa.
	Lowell Model Co., Lowell, Mass.
T. ELEVATOR CASTINGS.	Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
U. GERMAN SILVER CASTINGS.	Chas. M. Theberath, Newark, N. J.
V. GONG CASTINGS.	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
W. GRAY IRON CASTINGS.	Albany Foundry Co., Albany, N. Y.
	Bowler & Co., Cleveland, O.
	Bridgeport Malleable Iron Co., Bridgeport, Conn.
	A. Carpenter & Sons Foundry Co., Providence, R. I.
	Champion Iron Co., Kenton, O.
	Eureka Foundry Co., Cincinnati, O.
	Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
	Hurlbut Co., Racine, Wis.
	Henry Martin Brick Machine Mfg. Co., Lancaster, Pa.
	H. B. Maxwell, Rome, N. Y.
	Novelty Iron Works, Sterling, Ill.
	Novelty Mfg. Co., Rock Island, Ill.

Ewald Over, Indianapolis, Ind.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Racine Hardware Co., Racine, Wis.
G. Robmann & Co., N. 13th & Noble Sts., Philadelphia, Pa.
Rogers Iron Co., Springfield, O.
Springfield Foundry Co., Springfield, Mass.
Standard Railroad Signal Co., Arlington, N. J.
Stover Mfg. Co., Freeport, Ill.
Samuel C. Tatum Co., Cincinnati, O.
Walker Foundry Co., Erie, Pa.
G. F. Warner Mfg. Co., New Haven, Conn.
Warren Electric Mfg. Co., Sandusky, O.
Western Malleable & Grey Iron Mfg. Co., Milwaukee, Wis.
Wilcox, Crittenden & Co., Middletown, Conn.

X. GRAY IRON CASTINGS, HEAVY.
A. P. Dickey Mfg. Co., Racine, Wis.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Stover Mfg. Co., Freeport, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

Y. GRAY IRON CASTINGS, LIGHT.
Bridgeport Malleable Iron Co., Bridgeport, Conn.
Davenport Foundry & Machine Co., Davenport, Iowa.
A. P. Dickey Mfg. Co., Racine, Wis.
Empire Forge Co., Lansingburg, N. Y.
Meriden Malleable Iron Co., Meriden, Conn.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Sinclair-Scott Co., Baltimore, Md.
Springfield Foundry Co., Springfield, Mass.
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, O.

Z. GUN METAL CASTINGS.
Crown Smelting Co., Chester, Pa.
Lackawanna Lubricating Co., Scranton, Pa.
Robt. Poole & Son Co., Baltimore, Md.
E. W. Vanduzen Co., Cincinnati, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

AA. HORSE STALL DIVISION CASTINGS.
Novelty Iron Works, Sterling, Ill.
E. H. Presbrey & Co., Sterling, Ill.

BB. IRON CASTINGS.
Addyston Pipe & Steel Co., Cincinnati, O.
Allison Mfg. Co., S. 32d & Walnut Sts., Philadelphia, Pa.
Arnold & Co., Norwalk, Conn.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Barnes Mfg. Co., Lanesboro, Pa.
Baugher, Kurtz & Stewart, Ltd., York, Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Thomas Carlin's Sons, Allegheny, Pa.
Carnegie Steel Co., Ltd., Pittsburg, Pa.
S. Cheney & Son, Manlius, N. Y.
Chickasaw Iron Works, Memphis, Tenn.
Columbus Mfg. Co., Columbus, O.
Sam'l J. Creswell Iron Works, 23d & Cherry Sts., Phila., Pa.
Robt. Deeley & Co., 507 W. 32d St., New York.
Defiance Machine Works, Defiance, O.
Diamond State Iron Co., 29 Broadway, New York.
Dickson Mfg. Co., Scranton, Pa.
Drummond Mfg. Co., Louisville, Ky.
Eastwood Wire Mfg. Co., Belleville, N. J.
El Paso Foundry & Machine Co., El Paso, Tex.
Fall River Machine Co., Fall River, Mass.
Farrell Foundry & Machine Co., Ansonia, Conn.
Filer & Stowell Co., Milwaukee, Wis. *8
Fishkill Landing Mach. Co., Fishkill-on-the-Hudson, N. Y.
Fulton Foundry Co., Cleveland, O.
Gillette-Herzog Mfg. Co., Minneapolis, Minn.
Wm. A. Harris Steam Engine Co., Providence, R. I.
Jas. L. Haven Co., Cincinnati, O.
Hoefinghoff & Lane Foundry Co., Cincinnati, O.
Holt Mfg. Co., Stockton, Cal.
Holyoke Machine Co., Holyoke, Mass.
Hurlbut Co., Racine, Wis.
Jackson & Woodin Mfg. Co., Berwick, Pa.
Johnson Co., Johnstown, Pa.
E. D. Jones & Sons Co., Pittsfield, Mass.
Wm. Kehoe & Co., Savannah, Ga.
Kenny & Co., Scott Dale, Pa.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.

Victor Knecht, Cincinnati, O.
Kutztown Foundry & Machine Co., Kutztown, Pa.
Lansing Boiler & Engine Works, Lansing, Mich.
Lima Locomotive & Machine Co., Lima, O.
Litchfield Car Works, Litchfield, Ill.
Livermore Foundry & Machine Co., Memphis, Tenn.
Lombard Iron Works & Supply Co., Augusta, Ga.
Manistee Iron Works Co., Manistee, Mich.
McClave, Brooks & Co., Scranton, Pa.
Mechanics' Iron Foundry Co., Boston, Mass.
Moore & White Co., Lehigh Av. & N. 15th St., Phila., Pa.
Morgan Iron Works, Spartanburg, S. C.
J. L. Mott Iron Works, 90 Beekman St., New York.
Murray Iron Works Co., Burlington, Iowa.
National Brass & Iron Works, Reading, Pa.
Newburgh Ice Machine & Engine Co., Newburg, N. Y.
Northwestern Malleable Iron Co., Milwaukee, Wis.
Novelty Iron Works, 3120 Market St., Philadelphia, Pa.
John T. Noye Mfg. Co., Buffalo, N. Y.
Ewald Over, Indianapolis, Ind.
Pacific Iron Works, Bridgeport, Conn.
Palmers & De Mooy Foundry Co., Cleveland, O.
Paterson Machine Works, Paterson, N. J.
R. C. Paul & Sons, Cumberland, Md.
Paxton & Vierling Iron Works, Omaha, Neb.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Phoenix Iron Foundry, Providence, R. I.
Pittsburg Lamp & Brass Co., Allegheny, Pa.
Pittsburg Mfg. Co., Pittsburg, Pa.
Robt. Poole & Son Co., Baltimore, Md.
Pratt & Letchworth, Buffalo, N. Y.
Racine Hardware Co., Racine, Wis.
Rhode Island Malleable Iron Works, Hill's Grove, R. I.
Sheriffs Mfg. Co., Milwaukee, Wis.
H. B. Smith Co., Westfield, Mass.
Southern Engine & Boiler Works, Jackson, Tenn.
Spicer Mfg. Co., New Philadelphia, O.
Springfield Foundry Co., Springfield, Mass.
Stover Mfg. Co., Freeport, Ill.
Syracuse Malleable Iron Works, Syracuse, N. Y.
Tamaqua Mfg. Co., Tamaqua, Pa.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Taylor & Boggis Foundry Co., Cleveland, O.
Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
Union Lock & Hardware Co., Lancaster, Pa.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walworth Mfg. Co., Boston, Mass.
A. B. & W. F. Westervelt, 102 Chambers St., New York.
West Point Iron Works, West Point, Ga.
Whittier Machine Co., 53 State St., Boston, Mass.
Wright Steam Engine Works, Newburg, N. Y.
York Mfg. Co., York, Pa.

CC. IRON CASTINGS, HEAVY.

Allentown Foundry & Machine Works, Allentown, Pa.
Barbour-Stockwell Co., Cambridgeport, Mass.
Chickasaw Iron Works, Memphis, Tenn.
Cleveland Ship Building Co., Cleveland, O.
E. & G. Cooper Co., Mount Vernon, O.
Davenport Foundry & Machine Co., Davenport, Iowa.
Robt. Deeley & Co., 507 W. 32d St., New York.
Joshua Hendy Machine Works, San Francisco, Cal.
Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
McNeal Pipe & Foundry Co., Burlington, N. J.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
St. Louis Iron & Machine Co., St. Louis, Mo.
Southwark Fdry.& Mach. Co.,Washn.Av.& S.5th St..Phil..Pa.
Townsend Furnace & Machine Shop Co., Albany, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.

DD. IRON CASTINGS, LIGHT.

Allentown Foundry & Machine Works, Allentown, Pa.
American Pipe & Foundry Co., Chattanooga, Tenn.
Barbour-Stockwell Co., Cambridgeport, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Griswold Mfg. Co., Erie, Pa.
Joshua Hendy Machine Works, San Francisco, Cal.

		Hubley Mfg. Co., Lancaster, Pa.
		Paterson Machine Works, Paterson, N. J.
		Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
		Springfield Foundry Co., Springfield, Mass.
		Turner & Seymour Mfg. Co., Torrington, Conn.
EE.	IRON FURNACE CASTINGS.	Dickson Mfg. Co., Scranton, Pa.
		Lebanon Mfg. Co., Lebanon, Pa.
		Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
		Mesta Machine Co., Lewis Block, Pittsburg, Pa.
		Phila. Roll & Machine Co., 23d & Washn. Av., Phila., Pa.
FF.	MALLEABLE IRON CASTINGS.	Acme Malleable Iron Works, Buffalo, N. Y.
		Arcade Malleable Iron Co., Worcester, Mass.
		Bridgeport Malleable Iron Co., Bridgeport, Conn.
		Dayton Malleable Iron Co., Dayton, O.
		Eberhard Mfg. Co., Cleveland, O.
		Elbert & Co., Canton, O.
		W. & E. T. Fitch Co., New Haven, Conn.
		Stanley G. Flagg & Co., N. 19th St. & Penna Av., Phila., Pa.
		Frazer & Jones Co., Syracuse, N. Y.
		Jas. L. Haven Co., Syracuse, N. Y.
		Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
		Malleable Iron Fittings Co., Branford, Conn.
		Marion Malleable Iron Works, Marion, Ind.
		H. B. Maxwell, Rome, N. Y.
		National Malleable Castings Co., Cleveland, O.
		Naugatuck Malleable Iron Co., Naugatuck, Conn.
		Northwestern Malleable Iron Co., Milwaukee, Wis.
		Pratt & Letchworth, Buffalo, N. Y.
		Racine Malleable & Wrought Iron Co., Racine, Wis.
		St. Charles Car Co., St. Charles, Mo.
		Springfield Malleable Iron Co., Springfield, O.
		Syracuse Malleable Iron Works, Syracuse, N. Y.
		Troy Malleable Iron Co., Troy, N. Y.
		Union Malleable Iron Co., Moline, Ill.
		Vulcan Iron Works, Wilkes-Barre, Pa.
		G. F. Warner Mfg. Co., New Haven, Conn.
		Whiteley Malleable Casting Co., Muncie, Ind.
		Wilcox, Crittenden & Co., Middletown, Conn.
		Wilmington Malleable Iron Co., Wilmington, Del.
		Wisconsin Malleable Iron Co., Milwaukee, Wis.
		Walter W. Woodruff & Sons, Mount Carmel, Conn. *23
GG.	MANGANESE STEEL CASTINGS.	Taylor Iron & Steel Co., High Bridge, N. J.
HH.	MILL CASTINGS.	Franklin Machine Co., Providence, R. I.
		W. Hooglan & Sons Co., Rockaway, N. J.
		Lebanon Boiler, Foundry & Mach. Co., Lebanon, Pa.
		Robt. Poole & Son Co., Baltimore, Md.
		Valley Iron Works, Williamsport, Pa.
		Vulcan Iron Works, Wilkes-Barre, Pa.
II.	ORDNANCE CASTINGS.	Midvale Steel Co., Nicetown, Philadelphia, Pa.
JJ.	PHOSPHOR-BRONZE CASTINGS.	Phosphor Bronze Smelting Co., Ltd., 2200 Washn. Av., Phil., Pa.
		E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
KK.	PLANING MILL CASTINGS.	Armitage-Herschell Co., North Tonawanda, N. Y.
LL.	ROLL CASTINGS.	W. Hooglan & Sons Co., Rockaway, N. J.
MM.	ROLL MILL CASTINGS.	Cleveland Wheel & Foundry Co., Cleveland, O.
		Davenport Foundry & Machine Co., Davenport, Iowa.
		Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
		Robt. Poole & Son Co., Baltimore, Md.
		Rosedale Foundry Co., Allegheny, Pa.
NN.	SAW MILL CASTINGS.	Armitage-Herschell Co., North Tonawanda, N. Y.
		Barbour-Stockwell Co., Cambridge, Mass.
		Vulcan Iron Works, Wilkes-Barre, Pa.
OO.	SEMI-STEEL CASTINGS.	Wolff & Zwicker Iron Works, Portland, Ore.
PP.	SEWER CASTINGS.	Thomas Carlin's Sons, Allegheny, Pa.
		Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
		Ewald Over, Indianapolis, Ind.
QQ.	SHIP CASTINGS.	Wm. Cramp & Sons Ship & Eng. Bldg. Co., Beach & Ball, Phil., Pa.
		Albert Russell & Sons, Newburyport, Mass.
		E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
RR.	SPECIAL CASTINGS.	Buffalo Cast Iron Pipe Co., Buffalo, N. Y.
		Glamorgan Pipe & Foundry Co., Lynchburg, Va.
		Midvale Steel Co., Nicetown, Philadelphia, Pa.
		National Foundry & Pipe Works, Scottdale, Pa.
		Robt. Poole & Son Co., Baltimore, Md.
		Reading Foundry Co., Reading, Pa.
		J. Thompson & Co., Van Horn & Sophia Sts., Phila., Pa.

SS. SPELTER CASTINGS.	National Brass & Iron Works, Reading, Pa.
	Pittsburg Lamp & Brass Co., Allegheny, Pa.
TT. STEAM BARGE CASTINGS.	Armitage-Herschell Co., North Tonawanda, N. Y.
UU. STEEL CASTINGS.	Arcade Malleable Iron Co., Worcester, Mass.
	Benjamin Atha, Illingworth St., Harrison, N. J.
	Cambria Iron Co., Johnstown, Pa.
	Chester Steel Castings Co., Chester, Pa.
	Thos. Devlin & Co., 3d & Lehigh Av., Philadelphia, Pa.
	J. A. & P. E. Dutcher Co., Milwaukee, Wis.
	Stanley G. Flagg & Co., N. 19th St. & Penna Av., Phila., Pa.
	Frazer & Jones Co., Syracuse, N. Y.
	Howe, Brown & Co., Ltd., Pittsburg, Pa.
	Lima Locomotive & Machine Co., Lima, O.
	Mackintosh-Hemphill & Co., Ltd., Pittsburg, Pa.
	Malleable Iron Fittings Co., Branford, Conn.
	H. B. Maxwell, Rome, N. Y.
	Midvale Steel Co., Nicetown, Philadelphia, Pa.
	Otis Steel Co., Cleveland, O.
	Pennsylvania Steel Co., Steelton, Pa.
	Pittsburg Steel Casting Co., Pittsburg, Pa.
	Pratt & Letchworth, Buffalo, N. Y.
	Sargent Co., 675 Old Colony Bldg., Chicago, Ill.
	Shoenberger Steel Co., Inc., Pittsburg, Pa.
	Star Mfg. Co., Carpentersville, Ill.
	Taylor Iron & Steel Co., High Bridge, N. J.
	Wetherill & Co., Chester, Pa.
VV. STORE FRONT CASTINGS.	Taylor & Co., Inc., 429 Driggs Av., Brooklyn, N. Y.
	Vulcan Iron Works, Wilkes-Barre, Pa.
WW. SUBMARINE FOUNDATION CASTINGS.	Addyston Pipe & Steel Co., 3d & Walnut Sts., Cincinnati, O.
XX. TIN CASTINGS.	Eastwood Wire Mfg. Co., Belleville, N. J.
	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
YY. WATER WORKS CASTINGS.	Columbus Mfg. Co., Columbus, O.
	Paxton & Vierling Iron Works, Omaha, Neb.
	Robt. Poole & Son Co., Baltimore, Md.
	Taunton Locomotive Mfg. Co., Taunton, Mass.
ZZ. WHEEL CASTINGS.	Bloomsburg Car Co., Bloomsburg, Pa.
AAA. WROUGHT IRON CASTINGS.	Trenton Iron Co., Trenton, N. J.
	Wisconsin Malleable Iron Co., Milwaukee, Wis.
BBB. YELLOW METAL CASTINGS.	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
3359. CAST IRON BELL TRAPS.	
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
3360. CATGUT.	Chas. Dempwolf, Jr., Paterson, N. J.
3361. CAULKING COTTON.	Wm. E. Hooper & Sons, Baltimore, Md.
	John Stortz & Sons, 210 Vine St., Philadelphia, Pa.
3362. CEMENT, ADHESIVE.	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
	Van Stan's Stratena Co., Ltd., 812 N. 26th St., Phila., Pa.
	W. Zinsser & Co., 185 William St., New York.
A. BELT CEMENT.	Bradford Belting Co., Cincinnati, O.
	A. & C. W. Holbrook, Providence, R. I.
	Jewell Belting Co., Hartford, Conn.
	Chas. Munson Belting Co., 36 S. Canal St., Chicago, Ill.
	Russia Cement Co., Gloucester, Mass.
	Schultz Belting Co., St. Louis, Mo.
B. BINDERS' CEMENT.	Golding & Co., Boston, Mass.
C. CHINA CEMENT.	Major Cement Co., 461 Pearl St., New York.
D. FIRE PROOF CEMENT.	H. W. Johns Mfg. Co., 100 William St., New York.
E. LEATHER CEMENT.	Eclipse Cement Co., 1240 N. 44th St., Philadelphia, Pa.
	C. H. Ellert, Evansville, Ind.
	Major Cement Co., 461 Pearl St., New York.
	Martell Co., 225 Dearborn St., Chicago, Ill.
	Paige Belting Co., Concord, N. H.
F. OIL PROOF CEMENT.	Perrin Cement Co., Windsor Locks, Conn.
G. RUBBER CEMENT.	American Dunlop Tire Co., Belleville, N. J.
	Boston Belting Co., Boston, Mass.
	Boston Woven Hose & Rubber Co., Boston, Mass.
	Chamberlin & Johnson, Allegheny, Pa.
	Cox & Tingley, Elizabeth, N. J.
	Detroit White Lead Works, Detroit, Mich.
	Eclipse Cement Co., 1240 N. 44th St., Philadelphia, Pa.
	C. H. Ellert, Evansville, Ind.
	Goodyear Rubber Co., 787 Broadway, New York.
	Goodyear's India Rubber & Glove Mfg. Co., 503 B'way, N.Y.
	C. L. Hauthaway, Boston, Mass.
	Kelly & Haworth, Greentown, Ind.
	Major Cement Co., 461 Pearl St., New York.

Martell Co., 225 Dearborn St., Chicago, Ill.
National Cement & Rubber Mfg. Co., Toledo, O.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Overman Wheel Co., Chicopee Falls, Mass.
Safety Cement & Shoe Dressing Co., Fernwood, Pa.
Geo. A. Shepard & Co., Bethel, Conn.

H. STEAM FITTERS' CEMENT. Crane Co., 10 N. Jefferson St., Chicago, Ill.

3363. CHAIN SLINGS. Byram & Co., Detroit, Mich.

3364. CHAIR SEATS. Ahnapee Veneer & Seating Co., Algoma, Wis.

3365. CHICORY. Bachmann & Brandt, Stockton, Cal.
Krems & Co., 183 W. Randolph St., Chicago, Ill.

3366. CHINA DECORATORS' GOLD.
L. Cooley, Jr., Boston, Mass.

3367. CIGAR BOX SUPPLIES.
L. F. Grammes & Sons, Allentown, Pa.
Henry H. Sheip & Co., 529 Columbia Av., Philadelphia, Pa.

3368. CLAY.

A. CHINA CLAY.
Binney & Smith, 257 Pearl St., New York.
Golding & Sons Co., Trenton, N. J.
Harris Clay Co., Dillsboro, N. C.
Lamar Kraolin Co., Langley, S. C.
S. C. Lyon & Bro., Bennington, Vt.
Richard McNamee & Co., 234 Broadway, New York.
Montague & Co., Chattanooga, Tenn.
Star Clay Co., Mertztown, Pa.

B. MILLED CLAY.
J. H. Gautier & Co., Jersey City, N. J.
John Irwin, Cuba, Ill.
Montague & Co., Chattanooga, Tenn.
Herman Swank's Sons, Johnstown, Pa.
N. U. Walker Clay Mfg. Co., Walker's, O.

3369. CLOTHES REEL IRON CENTERS.
Adams Co., Dubuque, Iowa.

3370. CLOTH FOLDING BOARDS.
W. & D. G. Crane, Burlington, Vt.
E. J. Vance Box Co., Ltd., Bay City, Mich.

3371. COAL HANDLERS' SUPPLIES.

A. COAL POCKETS. C. W. Hunt Co., 45 Broadway, New York.
B. COAL SCREEN BARS. Mitchell, Tranter & Co., Cincinnati, O.
C. COAL STORAGE BINS. Riter-Conly Co., Pittsburg, Pa.
D. COAL VALVES. C. W. Hunt Co., 45 Broadway, New York.
E. COAL WEIGHING HOPPERS. C. W. Hunt Co., 45 Broadway, New York.

3372. COAL TAR.
Armitage Mfg. Co., Richmond, Va.
Barrett Mfg. Co., 290 Broadway, New York.
Clayton Air Compressor Works, 26 Cortlandt St., New York.
C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
Solway Process Co., Syracuse, N. Y.
H. F. Watson Co., Erie, Pa.

3373. COAL TAR PRODUCTS.
Wm. J. Mathewson & Co., 182 Front St., New York.
McClintock & Irvine, Allegheny, Pa.
Mica Roofing Co., 73 Maiden Lane, New York.
Monitor Oil Co., Cleveland, O.
H. F. Watson Co., Erie, Pa.

3374. COIL BOXES. Cleveland Faucet Co., Cleveland, O.

3375. COKE OVEN MATERIALS.
Belknap Mfg. Co., Bridgeport, Conn.
Denver Fire Clay Co., Denver, Col.

3376. COLLAPSIBLE TUBES.
A. H. Wirz, 917 Cherry St., Philadelphia, Pa.

3377. COLORINGS.

A. BURNT SUGAR COLORINGS.
Dryden & Palmer, 87 Bedford Av., Brooklyn, N. Y.
L. A. Eberhardt & Co., 273 Greene St., Brooklyn, N. Y.
S. Twitchell, 225 Vine St., Philadelphia, Pa.

B. CIGAR COLORINGS. Chaskel Chemical Co., 177 Pearl St., New York.

C. FRUIT COLORINGS.
Mergentime & Lamm, 158 Chambers St., New York.
A. D. Puffer & Sons, Boston, Mass.
S. Twitchell, 225 Vine St., Philadelphia, Pa.

D. SUGAR COLORINGS.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Emken Chemical Co., 175 South St., New York.
W. H. Hutchinson & Son, Inc., 196 S.Desplaines St.,Chic.,Ill.
Wm. Lang & Son, 323 S. Lawrence St., Philadelphia, Pa.
McKesson & Robbins, 91 Fulton St., New York.
D. D. Williamson & Co., 14 Dey St., New York.
Robt. L. Woods, 47 Dey St., New York.

E. VINEGAR COLORINGS. Chaskel Chemical Works, Inc., 177 Pearl St., New York.

3378. COMMUTATOR COMPOUNDS.
Boiler Expurgator Co., 115 Dearborn St., Chicago, Ill.

3379. CONCRETE BOXES & TUBS.
Thomas Carlin's Sons, Allegheny, Pa.

3380. CONDUCTOR PIPES. Bergen Mfg. Co., Canton, O.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
Cincinnati Corrugated Co., Piqua, O.
Garry Iron & Steel Refining Co., Cleveland, O.
Lamb & Ritchie, Cambridge, Mass.
N. O. Roofing & Metal Works, New Orleans, La.
Paterson Heater Pipe Co., 238 Straight St., Paterson, N. J.
E. Van Noorden & Co., Boston, Mass.
Wheeling Corrugating Co., Wheeling, W. Va.

A. CONDUCTOR FITTINGS. Lamb & Ritchie, Cambridgeport, Mass.

B. CONDUCTOR STRAINERS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

C. SPIRAL LOCK SEAM PIPES. Lamb & Ritchie, Cambridgeport, Mass.

3381. CONFECTIONERS' SUPPLIES.
Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Crandall & Godley, 157 Franklin St., New York.
McDowell Oven Co., Boston, Mass.
Wood & Selick, Inc., 36 Hudson St., New York.

A BONBONNIERES. Anchor Silver Plate Co., Oswego, N. Y.
Edward Jansen, 124 W. 19th St., New York.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

B. CHEWING GUM PAPERS. F. M. Bower & Co., 165 Chembers St., New York.

C. CHOCOLATE SYRUP. S. F. Whitman & Son, 606 Cherry St., Philadelphia, Pa.

D. CONFECTIONERS' COLORS. Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
Sachs-Pruden Ginger Ale Co., Dayton, O.
Wood & Selick, 36 Hudson St., New York.

E. CONFECTIONERS' EXTRACTS. Sachs-Pruden Ginger Ale Co., Dayton, O.

F. CONFECTIONERS' MOULDS. Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.

G. CORNUCOPIAS. Bernard Meyer, 151 Chambers St., New York.

H. LIQUOR CHOCOLATE. Walter Baker & Co., Dorchester, Mass.
J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
Josiah Webb & Co., Milton, Mass.
H. O. Wilbur & Sons, 235 N. 3d St., Philadelphia, Pa.

I. PREPARED COCOANUT. Croft & Allen Co., S. 33d & Market Sts., Philadelphia, Pa.
Dunham Mfg. Co., 9 Locust St., St. Louis, Mo.
L. Schepp, 167 Duane St., New York.

3382. CONTRACTORS' SUPPLIES.
Chas. L. Bugbee, Hartford, Vt.
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Thornton N. Motley Co., 43 John St., New York.
Rand Drill Co., 100 Broadway, New York.
Ryan-McDonald Mfg. Co., Baltimore, Md.

3383. COOPERS' SUPPLIES. Globe Mfg. Co., Anderson, Ind.
John S. Oram, Cleveland, O.
Portland Cooperage Co., Portland, Me.

3384. COPPER AIR VESSELS.
John Trageser Steam Copper Works, 447 W. 26th St., N. Y.

3385. COPPER BOTTOMS. Ansonia Brass & Copper Co., Ansonia, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Brass Co., Kenosha, Wis.
Taunton Copper Mfg. Co., Taunton, Mass.

3386. CORNER BRACES. Wheeling Hinge Co., Wheeling, W. Va.
Blair Husking Glove Co., Bucyrus, O.

3388. CORSET MATERIALS. F. S. Blun & Co., 515 Broadway, New York.
James Bowers & Co., Newark, N. J.
Strouse, Adler & Co., 412 Broadway, New York.
Warner Bros. Co., Bridgeport, Conn.

A. CORSET & BUSTLE CLOTH. American Hair Cloth Co., Pawtucket, R. I.

B. CORSET BONE. Warren-Featherbone Co., Three Oaks, Mich.

C. CORSET SHIELDS. Warner Bros., Bridgeport, Conn.

D. CORSET STEEL. Jackson Corset Steel Works, Jackson, Mich.
Thos. P. Taylor, Bridgeport, Conn.
Warner Bros. Co., Bridgeport, Conn.

3389. COTTON. Allen-West Commission Co., St. Louis, Mo.
Geo. Arnold Co., Memphis, Tenn.

Bowdre Bros. & Co., Memphis, Tenn.
Boyd, Irby & Ashford, Memphis, Tenn.
Delta Cotton Co., Memphis, Tenn.
Dillard & Coffin Co., Memphis, Tenn.
Durham Cotton Mfg. Co., East Durham, N. C.
J. N. Estes & Co., Memphis, Tenn.
S. V. Fornaris & Co., New Orleans, La.
E. H. Frost & Co., Charleston, S. C.
W. W. Gordon & Co., Savannah, Ga.
E. E. F. Hall & Co., Memphis, Tenn.
Hyman, Hiller & Co., New Orleans, La.
G. W. Sentell & Co., New Orleans, La.
Silcox & Co,, Charleston, S. C.
Stewart Bros. & Co., New Orleans, La.
Strauss & Co., New Orleans, La.
H. C. Thatcher & Co., 16 Pearl St., Boston, Mass.
S. O. Thomas & Co., New Orleans, La.
Troy Cotton & Woolen Mfg. Co., Fall River, Mass.
Weis & Co., New Orleans, La.
Whaley & Rivers, Charleston, S. C.
Wilmington Cotton Mills, Wilmington, N. C.

3390. COTTON BATTING.
Bartow & Cookson, Fitchburg, Mass.
Beaver Creek & Bluff Mills, Fayetteville, N. C.
H. A. Briggs & Co., Pawtucket, R. I.
J. Broadbent & Son, Unionville, Conn.
J. Burton Co., Chicago, Ill.
N. L. Carpenter & Son, Natchez, Miss.
W. A. Clemens, Buffalo, N. Y.
Continental Mills, Lewiston, Me.
Indiana Cotton Mills Co., Camelton, Ind.
January & Wood Co., Maysville, Ky.
Lees Mfg. Co., Westport, Conn.
Lockport Cotton Batting Co., Lockport, N. Y.
Maginnis Cotton Mills, New Orleans, La.
Marietta Paper Mfg. Co., Marietta, Ga.
Massasoit Mfg. Co., 56 Leonard St., New York.
Missouri Cotton Batting & Mfg. Co., St. Louis, Mo.
Peritz Bros., Detroit, Mich.
Ray & Wilson, Medway, Mass.
Riverside Mills, Augusta, Ga.
John Scanlan, Morrilton, Ark.
C. J. Schmidt, Elgin, Ill.
T. H. Smith, Jamestown, N. Y.
Stearns & Foster Co., Cincinnati, O.
Tennessee Mfg. Co., Nashville, Tenn.
Tuscaloosa Wadding Co., Tuscaloosa, Ala.
Union Wadding Co., Inc., Pawtucket, R. I.
Jas. W. Vogdes, Yardville, N. J.
Westport Mfg. Co., Fall River, Mass.

3391. COTTON SEED CAKE.
American Cotton Oil Co., 46 Cedar St., New York.
Belton Oil Co., Belton, Tex.
J. Broadbent & Son, Unionville,, Conn.
H. H. Clark & Co. Linseed Oil Works, Decatur, Ill.
Elberton Oil Mills, Elberton, Ga.
Ennis Cotton Oil & Ginning Co., Ennis, Tex.
N. K. Fairbank & Co., 278 Dearborn St., Chicago, Ill.
Port Gibson Oil Works, Port Gibson, Miss.
Southern Cotton Oil Co., Memphis, Tenn.
Taylor Cotton Oil Works, Taylor, Tex.
Union Oil Co., Providence, R. I.
Valley Oil Mills, Memphis, Tenn.

3392. COTTON SEED, DELINTED.
Advance Gin & Mill Co., Vicksburg, Miss.

3393. COTTON SEED HULL ASHES.
American Cotton Oil Co., 46 Cedar St., New York.

3394. COTTON SEED HULLS.
American Cotton Oil Co., 46 Cedar St., New York.
Jacksonville Oil Mill Co., Jacksonville, Ala.
Mutual Cotton Oil Co., Columbus, Ga.
Taylor Cotton Oil Works, Taylor, Tex.

3395. COTTON SEED MEAL.
American Cotton Oil Co., 46 Cedar St., New York.
Belton Oil Co., Belton, Tex.
A. P. Bradley Co., Blackshear, Ga.
H. H. Clark & Co., Linseed Oil Wks., Decatur, Ill.

Elberton Oil Mills, Elberton, Ga.
Ennis Cotton Oil & Ginning Co., Ennis, Tex.
Florida Mfg. Co., Madison, Fla.
Gate City Oil Co., 10 Decatur St., Atlanta, Ga.
Jacksonville Oil Mill Co., Jacksonville, Ala.
Mutual Cotton Oil Co., Columbus, Ga.
Port Gibson Oil Works, Port Gibson, Miss.
Taylor Cotton Oil Works, Taylor, Tex.
Union Oil Co., Providence, R. I.
Valley Oil Mills, Memphis, Tenn.

3396. COTTON SPINNERS' CLOTH.
Tingue, House & Co., 56 Reade St., New York.

3397. COTTON WADDING.
Hall & Clark Mfg. Co., Valatic, N. Y.
Ray & Wilson, Midway, Mass.
Rock River Cotton Co., Janesville, Wis.
Stearns & Foster Co., Cincinnati, O.
Union Wadding Co., Inc., Pawtucket, R. I.

A. WOOL WADDING.
Chas. N. Bacon, Boston, Mass.
Eastern Felting & Buffing Wheel Co., Winchester, Mass.

3398. CRATE OPENERS.
Vaughan & Bushnell Mfg. Co., 877 Carroll Av., Chicago, Ill.

3399. CROSS ARM BRACES.
Michigan Bolt & Nut Works, Detroit, Mich.

3400. CRUCIBLE TONGS.
Dicke Tool Co., Downers Grove, Ill.

3401. CRUSHED STEEL.
Pittsburg Crushed Steel Co., Ltd., Pittsburg, Pa.

3402. CUTTING STICKS FOR PAPER CUTTERS.
Hamilton Mfg. Co., Two Rivers, Wis.

3403. CYLINDER HEADS.
Adams Co., Dubuque, Iowa.
Avery Stamping Co., Cleveland, O.

3404. CYLINDERS.
Addyston Pipe & Steel Co., Cincinnati, O.
Avery Stamping Co., Cleveland, O.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
National Tube Works Co., McKeesport, Pa.
Sandwich Mfg. Co., Sandwich, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

A. BRASS CYLINDERS.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
U. S. Wind Engine & Pump Co., Batavia, Ill.

B. COPPER CYLINDERS.
Granger Foundry & Machine Co., Providence, R. I.
Thomas Phillips Co., Providence, R. I.
Juan G. Ribon, Jersey City, N. J.

C. IRON CYLINDERS.
Flint & Walling Mfg. Co., Kendallville, Ind.
Granger Foundry & Machine Co., Providence, R. I.
Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
National Tube Works Co., Boston, Mass.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Robt. Poole & Son Co., Baltimore, Md.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

D. LINENOID SEAMLESS CYLINDERS.
Crane Bros., Westfield, Mass.

E. TIN CYLINDERS.
N. E. Ventilating & Heating Co., Providence, R. I.

F. WELDED STEEL & IRON CYLINDERS.
Continental Iron Works, Calyer & West Sts., Brooklyn, N.Y.

G. WOODEN CYLINDERS.
Geo. Woolford, 2240 N. 9th St., Philadelphia, Pa.

3405. CYPRESS CASINGS.
Ramos Lumber & Mfg. Co., Ramos, La.

3406. DAIRY SUPPLIES.
Belknap Mfg. Co., Bridgeport, Conn.
John Boyd, 50 Lake St., Chicago, Ill.
D. H. Burrell & Co., Little Falls, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., 1 W.Washn. St., Chicago, Ill.
Flint Cabinet Creamery Co., Flint, Mich.
D. H. Gowing, Syracuse, N. Y.
Grand Rapids Refrigerator Co., Grand Rapids, Mich
Chr. Hansen's Laboratory, Little Falls, N. Y.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Frank L. Jones, Utica, N. Y.
Chas. Millar & Son, Utica, N. Y.
Oakes & Burger, Cattaraugus, N. Y.
A. H. Reid, 3000 Market St., Philadelphia, Pa.

A. BUTTER COLORING.
D. H. Burrell & Co., Little Falls, N. Y.
Creamery Package Mfg. Co., 1 W. Washn. St., Chicago, Ill.
Chr. Hansen's Laboratory, Little Falls, N. Y.
Frank L. Jones, Utica, N. Y.

	Thatcher Mfg. Co., Potsdam, N. Y.
	Wells & Richardson Co., Burlington, Vt.
B. CHEESE BANDAGE CLOTH.	D. H. Burrell & Co., Little Falls, N. Y.
	Frank L. Jones, Utica, N. Y.
	Chas. Millar & Son, Utica, N. Y.
C. CHEESE COLORING.	D. H. Burrell & Co., Little Falls, N. Y.
	Creamery Package Mfg. Co., 1 W. Washn. St., Chicago, Ill.
	Chr. Hansen's Laboratory, Little Falls, N. Y.
	Frank L. Jones, Utica, N. Y.
D. CREAMERY APPARATUS.	A. H. Barber Mfg. Co., 229 S. Water St., Chicago, Ill.
E. CREAMERY CANS.	Buhl Stamping Co., Detroit, Mich.
	Central Stamping Co., 25 Cliff St., New York.
	Horne & Danz Co., St. Paul, Minn.
	Iron Clad Mfg. Co., 22 Cliff St., New York.
	Frank L. Jones, Utica, N. Y.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Sidney Shepard & Co., Buffalo, N. Y.
F. CREAMERY FIXTURES.	Frank L. Jones, Utica, N. Y.
	A. H. Reid, 3000 Market St., Philadelphia, Pa.
	Sidney Shepard & Co., Buffalo, N. Y.
G. DAIRY THERMOMETERS.	Guiseppi Tagliabue, 302 Pearl St., New York.
	Watertown Thermometer Co., Watertown, N. Y.
H. LACTIC FERMENT.	D. H. Burrell & Co., Little Falls, N. Y.
I. MILK BOTTLE CAPS.	Thatcher Mfg. Co., Potsdam, N. Y.
	Wheeling Hinge Co., Wheeling, W. Va.
J. MILK BOTTLE FILLERS.	Star Milk Cooler Co., Haddonfield, N. J.
	Thatcher Mfg. Co., Potsdam, N. Y.
K. MILK DELIVERY APPLIANCES.	Frank L. Jones, Utica, N. Y.
	Thatcher Mfg. Co., Pitsdam, N. Y.
L. MILKING TUBES.	Frank L. Jones, Utica, N. Y.
	Geo. P. Pilling & Son, 1229 Callowhill St., Philadelphia, Pa.
M. MILK PAILS.	Central Stamping Co., 25 Cliff St., New York.
	Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
	Flint Cabinet Creamery Co., Flint, Mich.
	Johnson & Field Co., Racine, Wis.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Chas. Millar & Son, Utica, N. Y.
	H. H. Palmer & Co., Rockford, Ill.
	Sidney Shepard & Co., Buffalo, N. Y.
	Star Milk Cooler Co., Haddonfield, N. J.
N. MILK RESERVOIRS.	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Manning, Bowman & Co., Meriden, Conn.
O. MILK SAFES.	E. P. Dickey Racine Farming Mill Co., Racine, Wis.
	Frank L. Jones, Utica, N. Y.
P. MILK TEMPERING VATS.	Vermont Farm Machine Co., Bellows Falls, Vt.
Q. MILK WEIGHERS.	Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
R. REFRIGERATOR TANKS.	Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	Frick Co., Waynesboro, Pa. *9
	Marietta Hollowware & Enameling Co., Marietta, Pa.
	George F. Motter & Sons, York, Pa.
	Sinker-Davis Co., Indianapolis, Ind.
	York Mfg. Co., York, Pa.
S. RENNET TANKS.	Chr. Hansen's Laboratory, Little Falls, N. Y.
T. STEEL MILK CANS.	Buhl Stamping Co., Detroit, Mich.
	Oakes & Burger, Cattaraugus, N. Y.
	J. H. Pocock Can Co., 900 N. 2d St., St. Louis, Mo.
3407. DEAD EYES.	J. A. Dubaur Mfg. Co., Northville, Mich.
3408. DECORATED SHEET METALS.	
	Duquesne Co., 800 W. Carson St., Pittsburg, Pa.
A. DECORATED TIN.	Burger Mfg. Co., Hoboken, N. J.
	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
	Tin Plate Decorating Co., 180 Front St., Brooklyn, N. Y.
3409. DEXTRINE.	Chicago Sugar Refining Co., Chicago, Ill.
	Horatio N. Glover & Son, Milton, Mass.
3410. DIALS, INSTRUMENT.	Caesar Bros., 112 Fulton St., New York.
	Hall & Son, Boston, Mass.
3411. DOG IRONS.	R. W. Whitehurst & Co., Norfolk, Va.
3412. DOLLIES.	
A. PIPE DOLLIES.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
B. TIMBER DOLLIES.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Standard Scale & Supply Co., Ltd., Wood St., Pittsburg, Pa.
3413. DOWELS.	Bogert & Hopper, 162 William St., New York.
	Coss & Stinebaugh, Lima, O.
	Dann Bros. & Co., New Haven, Conn.

E. B. Estes & Sons, 45 John St., New York.
Horatio Kelsey, Clinton, Conn.
H. B. Smith & Co., Hanover, Me.
South Side Mfg. Co., Petersburg, Va.
E. J. Vance Box Co., Ltd., Bay City, Mich.
Winona Fence Co., Winona, Minn.
Winona Wood Rim Co., Winona, Minn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3414. DRAIN BOARDS. Cleveland Faucet Co., Cleveland, O.

3415. DRAIN CLEANERS. Iwan Bros., Streator, Ill.

3416. DRAINING PANS. W. J. Clark Co., Salem, O.

3417. DRUGGISTS' BRACKETS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.

3418. DUMP TUBS. Thomas Carlin's Sons, Allegheny, Pa.

3419. DYE WOOD EXTRACTS.
Harway Dyewood & Extract Mfg. Co., 189 Water St., N. Y.
William G. Johnson Co., Uncasville, Conn.
New York & Boston Dyewood Co., 55 Beekman St., N. Y.
Sharpless Dyewood Extract Co., 648 Bourse, Phila., Pa.
J. S. Young & Co., Hanover, Pa.

3420. ELECTRICAL POLE BLOCKS.
Monson-Burmah Slate Co., Portland, Me.

3421. ELECTRO-PLATERS' SUPPLIES.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Charles Cooper & Co., 194 Worth St., New York.
Hanson & Van Winkle Co., 30 S. Canal St., Chicago, Ill.
Zucker & Levett & Loeb Co., 526 W. 25th St., New York.

3422. ELECTROPOIN FLUID.
Martin Kalbfleisch's Sons Co., 100 William St., New York.

3423. ELECTROTYPE WOOD BACKING.
Hamilton Mfg. Co., Two Rivers, Wis.

3424. EMBOSSED & DECORATED SHEET METALS.
Duquesne Co., 800 W. Carson St., Pittsburg, Pa.

3425. EMBOSSED METALS. Novelty Mfg. Co., Waterbury, Conn.

3426. EMERY & SAND PAPERS.

A. CROCUS CLOTH.
Standard Flint Paper Co., Arlington, N. J.

B. EMERY.
Hampden Corundum Wheel Co., Bridgewood, Mass.
Springfield Mfg. Co., Bridgeport, Conn. *31
Standard Flint Paper Co., Arlington, N. J.

C. EMERY CLOTH.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
H. H. Barton & Son Co., 222 Market St., Philadelphia, Pa.
Herman Behr & Co., 75 Beekman St., New York.
Northampton Emery Wheel Co., Leeds, Mass.
Standard Emery Wheel Co., Albany, N. Y.
Standard Flint Paper Co., Arlington, N. J.
Sterling Emery Wheel Co., Tiffin, O.
Walpole Emery Mills, South Walpole, Mass.
Washington Mills Emery Mfg. Co., North Grafton, Mass.

D. EMERY PAPER.
Frasse Co., 19 Warren St., New York.
Standard Flint Paper Co., Arlington, N. J.
Washington Mills Emery Mfg. Co., North Grafton, Mass.

E. FLINT CLOTH.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
Herman Behr & Co., 75 Beekman St., New York.

F. FLINT PAPER.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
Herman Behr & Co., 75 Beekman St., New York.
Boston Flint Paper Co. of Maine, Hallowell, Me.
Standard Flint Paper Co., Arlington, N. J.
Washington Mills Emery Mfg. Co., North Grafton, Mass.

G. GARNET PAPER.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
H. H. Barton & Son Co., 222 Market St., Philadelphia, Pa.
Herman Behr & Co., 75 Beekman St., New York.
Standard Flint Paper Co., Arlington, N. J.

H. SAND PAPER.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
H. H. Barton & Son Co., 222 Market St., Philadelphia, Pa.
Herman Behr & Co., 75 Beekman St., New York.
Boston Flint Paper Co. of Maine, Hallowell, Me.
O. W. Buzzell, Lynn, Mass.
Union Sand Paper & Emery Wheel Co., 60 S. Canal St., Chic., Ill.
Wiggin & Stevens, Dover, N. H.

3427. EMERY BELTING. Boston Belting Co., Boston, Mass.

3428. EMERY BRICKS. Springfield Mfg. Co., Bridgeport, Conn. *31

3429. EMERY WHEEL HOODS.
Buffalo Forge Co., Buffalo, N. Y.

3430. ENAMEL CLEANING FLUID.
National Cement & Rubber Mfg. Co., Toledo, O.

3431. ENAMEL SMELTERS. Pittsburg Clay Pat. Co., Allegheny, Pa.

3432. ENDLESS TROUGH CONVEYOR PANS.
W. J. Clark Co., Salem, O.

3433. ENGINE BUILDERS' BRASS GOODS.
Buckeye Iron & Brass Works, Dayton, O.

3434. ENGRAVERS' SUPPLIES.
Henry Kahrs, 240 E. 33d St., New York.

A. ENGRAVERS' BOX WOOD. Hamilton Mfg. Co., Two Rivers, Wis.

B. ENGRAVERS' PLATES. John J. Jackson, Newark, N. J.
Waterbury Brass Co., Providence, R. I.

C. PLATE INKS. H. D. Wade & Co., 28 Reade St., New York.

D. PLATE OIL. C. W. H. Carter, 10 Vandewater St., New York.
H. D. Wade & Co., 28 Reade St., New York.

3435. EXTRACTS.

A. BOTTLERS' EXTRACTS. Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Sachs-Pruden Ginger Ale Co., Dayton, O.
S. Twitchell, 225 Vine St., Philadelphia, Pa.
John C. Wiarda & Co., 273 Greene St., Brooklyn, N. Y.

B. FLAVORING EXTRACTS. Bastine & Co., 41 Warren St., New York.
Joseph Burnett Co., Boston, Mass.
Chapman & Smith Co., 187 W. Randolph St., Chicago, Ill.
Chaskel Chemical Works, Inc., 177 Pearl St., New York.
Clawson Co., 45 S. 2d St., Philadelphia, Pa.
Colgate & Co., 53 John St., New York.
J. N. Colton, Westfield, Mass.
Delisser & Co., 457 W. 26th St., New York.
E. R. Durkee & Co., 135 Water St., New York.
L. A. Eberhardt & Co., 273 Green St., Brooklyn, N. Y.
A. C. Fitzpatrick & Co., 112 Hudson St., New York.
Hamell & Cortright, 25 S. Front St., Philadelphia, Pa.
Hance Bros. & White, 621 Callowhill St., Philadelphia, Pa.
Chr. Hansen's Laboratory, Little Falls, N. Y.
Horton-Cato Mfg. Co., Detroit, Mich.
Lascelles Mfg. Co., Salem, N. Y.
McKesson & Robbins, 91 Fulton St., New York.
Mergentime & Lamm, 158 Chambers St., New York.
Solon Palmer, 374 Pearl St., New York.
Phila. Pickling Co., 262 S. 2d St., Philadelphia, Pa.
Roew-Kamp Bros., Oshkosh, Wis.
Wm. H. Rudkin, 74 William St., New York.
C. F. Sauer Co., Richmond, Va.
W. H. Schieffelin & Co., 170 William St., New York.
Seely Mfg. Co., Detroit, Mich.
Fredk. Stearns & Co., Detroit, Mich.
John C. Wiarda & Co., 273 Greene St., Brooklyn, N. Y.
Wood & Selick, 36 Hudson St., New York.

C. FUSTIC EXTRACTS. New York & Boston Dyewood Co., 55 Beekman St., N. Y.

D. GINGER EXTRACTS. Bolen & Byrne Mfg. Co., 419 E. 54th St., New York.
Delisser & Co., 457 W. 26th St., New York.
St. Louis Pretzel Co., St. Louis, Mo.

E. INDIGO EXTRACTS. Beach & Co., Hartford, Conn.
A. Klipstein & Co., 122 Pearl St., New York.
Wm. J. Matheson & Co., Ltd., 182 Front St., New York.

F. INK EXTRACTS. N. P. Fletcher & Co., Hartford, Conn.
A. Klipstein & Co., 122 Pearl St., New York.

G. LOGWOOD EXTRACTS. Wm. J. Matheson & Co., Ltd., 182 Front St., New York.
New York & Boston Dyewood Co., 55 Beekman St., N. Y.
Sharpless Dyewood Co., 648 Phila. Bourse, Phila., Pa.

H. QUEBRACHO EXTRACTS. A. Klipstein & Co., 122 Pearl St., New York.
New York & Boston Dyewood Co., 55 Beekman St., N. Y.

I. RENNET EXTRACTS. Chr. Hansen's Laboratory, Little Falls, N. Y.

J. TANNING EXTRACTS. John H. Heald & Co., Lynchburg, Va.
Enos F. Jones Chemical Co., 352 Washington St., New York.
Wm. J. Matheson & Co., Ltd., 182 Front St., New York.
New York & Boston Dyewood Co., 55 Beekman St., N. Y.
J. S. Young & Co., Hanover, Pa.

K. TOBACCO EXTRACTS. Louisville Spirit Cured Tobacco Co., Louisville, Ky.

L. TOBACCO FLAVORING EXTRACTS. Chaskel Chemical Works, Inc., 177 Pearl St., New York.
La Touraine Co., 319½ W. 13th St., New York.

3436. EYELETS.
American Ring Co., Waterbury, Conn.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Eagle Eyelet Co., Hartford, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
E. L. Sibley, Bennington, Vt.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Waterbury Brass Co., Waterbury, Conn.

A. CORSET EYELETS. Eagle Eyelet Co., Hartford, Conn.

B. EYELET LACING HOOKS. Halkyard Mfg. Co., Providence, R. I.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Tubular Rivet & Stud Co., Boston, Mass.

C. SHOE EYELETS. Eagle Eyelet Co., Hartford, Conn.
Edwin B. Stimpson & Son, 31 Spruce St., New York.

D. TAG EYELETS. Eagle Eyelet Co., Hartford, Conn.

3437. FABRIC PRINTERS' ENGRAVINGS.
John Hope & Sons Engraving & Mfg. Co., Providence, R. I.

3438. FANCY BOX TRIMMINGS, METAL.
Novelty Mfg. Co., Waterbury, Conn.

3439. FEATHER RENOVATORS.
Sansom & Horster, Evansville, Ind.

3440. FELT.
Armour Felt Works, Chicago, Ill.
Chas. N. Bacon, Boston, Mass.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
City Mills Co., City Mills, Mass.
Eastern Felting & Buffing Wheel Co., Winchester, Mass.
C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
Lounsbury & Bissell Co., Winnipauk, Conn.
S. Stroock & Co., 560 Broadway, New York.
W. S. Taylor & Bloodgood, Jr., Cranford, N. J.
Tingue, House & Co., 56 Reade St., New York.
W. T. Valentine & Son, Albany, N. Y.
H. F. Watson Co., Erie, Pa.

A. ASBESTOS FELT. Chicago Fire Proof Covering Co., 48 Franklin St., Chic., Ill.
H. W. Johns Mfg. Co., 100 William St., New York.
Keasby & Mattison Co., Ambler, Pa.
W. H. Spence Co., 29 Ferry St., New York.
H. F. Watson Co., Erie, Pa.

B. BROWN SHAPED FELT. Bunker Saddle Co., 208 Lake St., Chicago, Ill.

C. COTTON FELT. City Mills Co., City Mills, Mass.
Sperry & Beale, 39 Union Square, West, New York.

D. ELASTIC FELT. City Mills Co., City Mills, Mass.
Ostermoor & Co., 116 Elizabeth St., New York.
Sperry & Beale, 39 Union Square, West, New York.
Tingue, House & Co., 56 Reade St., New York.

E. HAIR FELT. Armour Felt Works, Chicago, Ill.
Armour Glue Works, 205 Lasalle St., Chicago, Ill.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
Chicago Fire Proof Covering Co., 48 Franklin St., Chic., Ill.
Julius De Long & Co., Allegheny City, Pa.
Alfred Dolge & Son, 112 E. 13th St., New York.
H. W. Johns Mfg. Co., 100 William St., New York.
Russian Hair Felt Co., 62 Walker St., New York.

F. HAT FELT. City Mills Co., City Mills, Mass.
Tingue, House & Co., 56 Reade St., New York.

G. IRONING FELT. Joseph Noone's Sons Co., Peterborough, N. H.

H. LINING FELT. City Mills Co., City Mills, Mass.
Tingue, House & Co., 56 Reade St., New York.

I. PAPER MAKERS' FELT. Appleton Woolen Mills, Appleton, Wis.
Chas. N. Bacon, Boston, Mass.
Fitchburg Duck Mills, South Fitchburg, Mass.
F. Gray Co., Piqua, O.
Greenwoods Co., New Hartford, Conn.
F. C. Huych & Sons, Albany, N. Y.
Knox Woolen Co., Camden, Me.
Shuler & Benninghofen, Hamilton, O.
Tingue, House & Co., 56 Reade St., New York.

J. PIANO & ORGAN FELT. City Mills Co., City Mills, Mass.
Alfred Dolge & Son, 112 E. 13th St., New York.
Richard Ranft, 213 E. 19th St., New York.
W. S. Taylor & Bloodgood, Jr., Cranford, N. J.
Tingue, House & Co., 56 Reade St., New York.

K. POLISHING FELT. Chas. N. Bacon, Boston, Mass.
City Mills Co., City Mills, Mass.
Eastern Felting & Buffing Wheel Co., Winchester, Mass.
Northampton Emery Wheel Co., Leeds, Mass.
Standard Emery Wheel Co., Albany, N. Y.
W. S. Taylor & Bloodgood, Jr., Cranford, N. J.
Tingue, House & Co., 56 Reade St., New York.

L. SADDLERY FELT. City Mills Co., City Mills, Mass.
Tingue, House & Co., 56 Reade St., New York.

M. SHOE FELT. Alfred Dolge & Son, 112 E. 13th St., New York.
Tingue, House & Co., 56 Reade St., New York.

N. UPHOLSTERY FELT. City Mills Co., City Mills, Mass.
Tingue, House & Co., 56 Reade St., New York.

O. WOOD FELT.	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
P. WOOD RUBBING FELT.	Chas. N. Bacon, Boston, Mass.
	Eastern Felting & Buffing Wheel Co., Winchester, Mass.
Q. WOOL FELT.	Armour Felt Works, Chicago, Ill.
	Fitchburg Duck Mills, South Fitchburg, Mass.
	C. S. Garrett & Sons, 20 S. Marshall St., Philadelphia, Pa.
	Tingue, House & Co., 56 Reade St., New York.
3441. FILTER MATERIALS.	Garden City Sand Co., 188 Madison St., Chicago, Ill.
	Samuel Snell, Holyoke, Mass.
A. FILTER CELLS.	New England Pottery Co., East Boston, Mass.
B. FILTERING FILMS, ASBESTOS.	H. W. Johns Mfg. Co., 100 William St., New York.
3442. FIRE CLAY TILINGS.	Denver Fire Clay Co., Denver, Col.
	Dover Fire Brick Co., Cleveland, O.
	Dunbar Fire Brick Co., Dunbar, Pa.
	Vulcan Clay Co., Wellsville, O.
A. BOILER TILES.	Montague & Co., Chattanooga, Tenn.
B. GAS HOUSE TILES.	J. H. Gautier & Co., Jersey City, N. J.
C. LOCOMOTIVE TILES.	Denver Fire Clay Co., Denver, Col.
	Manown Mfg. Co., Pittsburg, Pa.
	Pacific Clay Mfg. Co., Los Angeles, Cal.
	H. Stevens' Sons Co., Macon, Ga.
3443. FIRE PROOFING HANGERS, IRON.	Lincoln Iron Works, Boonton, N. J.
3444. FLASKS.	
A. AMMONIA FLASKS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
B. CARBONIC ACID FLASKS.	Harrisburg Pipe Bending Co., Ltd., Harrisburg, Pa.
3445. FLAX SCREENS.	Robt. Aitchison Perforated Metal Co., 510 Dearborn, Chic., Ill.
3446. FLAXSEED, GROUND.	Cedar Rapids Linseed Oil Works, Cedar Rapids, Iowa.
	H. H. Clark & Co., Linseed Oil Works, Decatur, Ill.
	Mann Bros. & Co., Buffalo, N. Y.
	Metzger Linseed Oil Co., 1205 W. 18th St., Chicago, Ill.
	Sioux City Linseed Oil Works, Sioux City, Iowa.
	Woodman Linseed Oil Works, Omaha, Neb.
	Wright & Lawther Oil & Lead Mfg. Co., 35 W. Polk St., Chic., Ill.
3447. FLAX TOW.	J. R. Bettridge, Hammond, Wis.
3448. FLOCKS.	James Bowers' Sons, Ltd., Chester, Pa.
	Connor Bros., Holyoke, Mass.
	T. H. Gray & Co., 154 Federal St., Boston, Mass.
	James Hilton, Auburn, Mass.
	A. H. Miller, Boston, Mass.
	J. J. Regan Mfg. Co., Rockville, Conn.
	Smith & Cooley, Stafford Springs, Conn.
	Somersville Mfg. Co., Somersville, Conn.
3449. FLORISTS' SUPPLIES.	
A. FLORISTS' DESIGNS.	Edward Jansen, 124 W. 19th St., New York.
3450. FLOUR MILL SUPPLIES.	
A. ELEVATOR SUPPLIES.	Crane Elevator Co., 219 S. Jefferson St., Chicago, Ill.
	Nordyke & Marmon Co., Indianapolis, Ind.
	John T. Noye Mfg. Co., Buffalo, N. Y.
	Thornburgh-Creel Co., 241 S. Jefferson St., Chicago, Ill.
B. FLOUR BINS.	Seeder & Hammock Chair Co., Homer, Mich.
C. FLOUR MILL ROLLS.	Farrell Foundry & Machine Co., Ansonia, Conn.
	Lobdell Car Wheel Co., Wilmington, Del.
	Nordyke & Marmon Co., Indianapolis, Ind.
	Richmond City Mill Works, Richmond, Ind.
	Sprout, Waldron & Co., Muncy, Pa.
D. OATMEAL SIFTER PLATES.	Robt. Aitchison Perforated Metal Co., 510 Dearborn, Chic., Ill.
3451. FLOUR PASTE.	Carter's Ink Co., 172 Columbus Av., Boston, Mass.
	Cincinnati Glue Co., 20 Home St., Cincinnati, O.
	Diamond Paste Co., Albany, N. Y.
	Highlands Chemical Co., 100 William St., New York.
	Arthur S. Hoyt, 90 W. Broadway, New York.
	Levison & Blythe Mfg. Co., St. Louis, Mo.
A. BOOKBINDERS' FLEXIBLE COMPOSITION.	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
B. BOOKBINDERS' PASTE.	Diamond Paste Co., Albany, N. Y.
	Arthur S. Hoyt, 90 W. Broadway, New York.
C. DRY PASTE.	Diamond Paste Co., Albany, N. Y.
	Arthur S. Hoyt, 90 W. Broadway, New York.
D. OFFICE PASTE.	Diamond Paste Co., Albany, N. Y.
	Hall Mfg. Co., 99 Madison St., Chicago, Ill.
E. PAPERHANGERS' PASTE.	Diamond Paste Co., Albany, N. Y.
	Arthur S. Hoyt, 90 W. Broadway, New York.
F. POWDERED PASTE.	Arthur S. Hoyt, 90 W. Broadway, New York.
G. SHOEMAKERS' PASTE.	Diamond Paste Co., Albany, N. Y.

H. TRUNKMAKERS' PASTE. Diamond Paste Co., Albany, N. Y.

3452. FLUOR SPAR. S. Obermayer Co., Cincinnati, O.
John C. Wiarda & Co., 277 Green St., Brooklyn, N. Y.

3453. FOOD COLORINGS. Chr. Hansen's Laboratory, Little Falls, N. Y.

3454. FOOD FLAVORS. Chr. Hansen's Laboratory, Little Falls, N. Y.

3455. FOOD PRESERVATIVES.
Preservaline Mfg. Co., 12 Cedar St., New York.

3456. FOOT RAIL BRACKETS & FITTINGS.
Nason Mfg. Co., 71 Beekman St., New York.

3457. FORGINGS. Birmingham Bolt & Nut Works, Bilmingham, Ala.
Bloomsburg Car Co., Bloomsburg, Pa.
Cumberland Steel & Tin Plate Works, Cumberland, Md.
Kansas City Bolt & Nut Co., Kansas City, Mo.
St. Charles Car Co., St. Charles, Mo.
Standard Railroad Signal Co., Arlington, N. J.

A. AXLE FORGINGS. Duquesne Forge Co., Rankin, Pa.

B. BICYCLE FORGINGS. Ashtabula Tool Co., Ashtabula, O.
Billings & Spencer Co., Hartford, Conn.
Columbus Bolt Works, Columbus, O.
Herbrand Co., Fremont, O.
Snell Cycle Fittings Co., Toledo, O.
Springfield Drop Forgings Co., Brightwood, Mass.
Strieby & Foote Co., Newark, N. J.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10
Wyman & Gordon, Worcester, Mass.

C. BRASS FORGINGS. Belden Machine Co., New Haven, Conn.

D. DROP FORGINGS. Billings & Spencer Co., Hartford, Conn.
Richard Eccles, Auburn, N. Y.
Hay-Budden Mfg. Co., 254 N. Henry St., Brooklyn, N. Y.
Indiana Bicycle Co., Indianapolis, Ind.
Keystone Drop Forge Co., N. 20th & Clearfield Sts.,Phil.,Pa.
Overman Wheel Co., Chicopee Falls, Mass.
Rhode Island Tool Co., Providence, R. I.
Scranton Forging Co., Scranton, Pa.
Springfield Drop Forging Co., Brightwood, Mass.
Union Hardware Co., Torrington, Conn.
Whitman & Barnes Mfg. Co., Akron, O.

E. DROP FORGINGS, BRONZE. Billings & Spencer Co., Hartford, Conn.
Phosphor Bronze Smelting Co.,Ltd.,2200Washn.Av.,Phil.,Pa.

F. DROP FORGINGS, COPPER. Belden Machine Co., New Haven, Conn.
Billings & Spencer Co., Hartford, Conn.
J. C. Speirs & Co., Worcester, Mass.
Wyman & Gordon, Worcester, Mass.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

G. DROP FORGINGS, IRON. W. H. Anderson & Sons, Detroit, Mich.
Billings & Spencer Co., Hartford, Conn.
R. H. Brown & Co., New Haven, Conn.
Cape Ann Anchor Works, Gloucester, Mass.
Duquesne Forge Co., Rankin, Pa.
Richard Eccles, Auburn, N. Y.
Merrill Bros., 465 Kent Av., Brooklyn, N. Y.
Scranton Forging Co., Scranton, Pa.
Strieby & Foote Co., Newark, N. J.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10
Wyman & Gordon, Worcester, Mass.

H. DROP FORGINGS, STEEL. American Saw Co., Trenton, N. J.
Billings & Spencer Co., Hartford, Conn.
J. C. Speirs & Co., Worcester, Mass.
Strieby & Foote Co., Newark, N. J.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
Wyman & Gordon, Worcester, Mass.

I. ELECTRICAL FORGINGS. Michigan Bolt & Nut Works, Detroit, Mich.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

J. GUN FORGINGS. Bethlehem Iron Co., Bethlehem, Pa.
Duquesne Forge Co., Rankin, Pa.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

K. HEAVY FORGINGS. Central Iron & Steel Co., Brazil, Ind.
Cleveland City Forge & Iron Co., Cleveland, O.
Erie Forge Co., Erie, Pa.
Wm. Kehoe & Co., Savannah, Ga.
Paxton & Vierling Iron Works, Omaha, Neb.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Vulcan Iron Works, Wilkes-Barre, Pa.

L. MANGANESE STEEL FORGINGS.	Taylor Iron & Steel Co., High Bridge, N. J.	
M. MARINE FORGINGS.	Duquesne Forge Co., Rankin, Pa.	
	Erie Forge Co., Erie, Pa.	
N. NICKEL STEEL FORGINGS.	Midvale Steel Co., Nicetown, Philadelphia, Pa.	
O. PLATED FORGINGS.	Loring, Coes & Co., Worcester, Mass.	
P. PROJECTILE FORGINGS.	Duquesne Forge Co., Rankin, Pa.	
	National Tube Works Co., McKeesport, Pa.	
Q. ROLLED FORGED SPECIALTIES.	Bethlehem Steel Co., South Bethlehem, Pa.	
	Simonds Rolling Machine Co., Fitchburg, Mass.	
R. SHUTTLE FORGINGS.	Billings & Spencer Co., Hartford, Conn.	
S. SPECIAL FORGINGS.	Billings & Spencer Co., Hartford, Conn.	
	Carnegie Steel Co., Ltd., Pittsburg, Pa.	
	Scranton Forging Co., Scranton, Pa.	
	J. C. Spiers & Co., Worcester, Mass.	
	J. H. Sternbergh & Son, Reading, Pa.	*33
	Vulcan Iron Works, Wilkes-Barre, Pa.	
	D. Wilcox Mfg. Co., Mechanicsburg, Pa.	
	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y.	*10
	Wyman & Gordon, Worcester, Mass.	
T. STEEL FORGINGS.	Ajax Forge Co., 503 Jackson Boulevard, Chicago, Ill.	
	W. H. Anderson & Sons, Detroit, Mich.	
	Anderson, Du Puy & Co., Pittsburg, Pa.	
	Benjamin Atha & Illingworth Co., Harrison, N. J.	
	Bethlehem Iron Co., Bethlehem, Pa.	
	Billings & Spencer Co., Hartford, Conn.	
	Bridgeport Forge Co., Bridgeport, Conn.	
	Cambria Iron Co., Johnstown, Pa.	
	Central Iron & Steel Co., Brazil, Ind.	
	Cleveland City Forge & Iron Co., Cleveland, O.	
	Crescent Steel Co., Pittsburg, Pa.	
	Dickson Mfg. Co., Scranton, Pa.	
	Duquesne Forge Co., Rankin, Pa.	
	Farist Steel Co., Bridgeport, Conn.	
	Frick Co., Waynesboro, Pa.	*9
	La Belle Steel Co., Pittsburg, Pa.	
	Linden Steel Co., Pittsburg, Pa.	
	McKee, Fuller & Co., Catasauqua, Pa.	
	Midvale Steel Co., Nicetown, Philadelphia, Pa.	
	Pennsylvania Steel Co., 312 Girard Bldg., Phila., Pa.	
	Speirs & Co., Worcester, Mass.	
	Sterling Steel Co., Pittsburg, Pa.	
	G. L. Stuebner, Long Island City, N. Y.	
	Troy Steel Co., Troy, N. Y.	
	Union Drop Forge Co., 64 E. Ohio St., Chicago, Ill.	
	U. S. Projectile Co., 1st Av. & 53d St., Brooklyn, N. Y.	
	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y.	*10
	Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.	*23
	Wyman & Gordon, Worcester, Mass.	
U. WROUGHT IRON FORGINGS.	Ajax Forge Co., 503 Jackson Boulevard, Chicago, Ill.	
	American Bolt Co., Lowell, Mass.	
	Bridgeport Forge Co., Bridgeport, Conn.	
	Central Iron & Steel Co., Brazil, Ind.	
	Cleveland City Forge & Iron Co., Cleveland, O.	
	Dickson Mfg. Co., Scranton, Pa.	
	Frick Co., Waynesboro, Pa.	*9
	Jackson & Woodin Mfg. Co., Berwick, Pa.	
	McKee, Fuller & Co., Catasauqua, Pa.	
	Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.	
	Pittsburg Forge & Iron Co., Pittsburg, Pa.	
	Reading Iron Co., Reading, Pa.	
	J. C. Speirs & Co., Worcester, Mass.	
	J. H. Sternbergh & Son, Reading, Pa.	*33
	G. L. Stuebner, Long Island City, N. Y.	
	Taunton Locomotive Mfg. Co., Taunton, Mass.	
	Troy Steel Co., Troy, N. Y.	
	Vulcan Iron Works, Wilkes-Barre, Pa.	
	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y.	*10
	Wyman & Gordon, Worcester, Mass.	
3458. FOUNDRY SUPPLIES.	J. S. McCormick Co., Pittsburg, Pa.	
	McIlvanie Bros., N. 15th & Hamilton Sts., Phila., Pa.	
	S. Obermayer Co., Cincinnati, O.	
	L. M. Rumsey Mfg. Co., St. Louis, Mo.	
	J. D. Smith Foundry Supply Co., Cincinnati, O.	
	Whiting Foundry Equipment Co., Harvey, Ill.	

A. BRASS FOUNDRY PHOSPHORIZERS.	McCullough-Dalzell Co., Pittsburg, Pa.
B. CHAPLETS.	Allen W. Bodell, 6323 St. Lawrence Av., Chicago, Ill.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Phila., Pa.
C. CORE COMPOUND.	American Glutrose Works, 501 Penn. Mutual Bldg., Phil., Pa.
	Victor Colliau, Jr., Detroit, Mich.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
D. CORE WASH.	Jos. Dixon Crucible Co., Jersey City, N. J.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
E. DRAW HOOKS.	S. Obermayer Co., Cincinnati, O.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
	Whiting Foundry Equipment Co., Harvey, Ill.
F. DUSTING BAGS.	Victor Colliau, Jr., Detroit, Mich.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
G. FIRE SAND.	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
H. FLASK LAMPS.	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
I. FLASK MATCHES.	S. Obermayer Co., Cincinnati, O.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
	Whiting Fdry. Equipment Co., 204 Dearborn St., Chic., Ill.
J. FOUNDRY BLACKING.	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
K. FOUNDRY BUCKETS.	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
	Whiting Fdry. Equipment Co., 204 Dearborn St., Chic., Ill.
L. FOUNDRY CEMENT.	S. Obermayer Co., Cincinnati, O.
	Rutland Fire Clay Co., Rutland, Vt.
	Whitehead Bros. Co., 537 W. 27th St., New York.
M. FOUNDRY CLAY.	Rutland Fire Clay Co., Rutland, Vt.
	Whitehead Bros. Co., 537 W. 27th St., New York.
N. FOUNDRY FACING.	Jos. Dixon Crucible Co., Jersey City, N. J.
	J. S. McCormick Co., Pittsburg, Pa.
	Moore's Facing Works, Providence, R. I.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	Pettit Chemical Co., 256 Front St., New York.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
	Springfield Facing Co., Springfield, Mass.
	Whitehead Bros. Co., 537 W. 27th St., New York.
O. FOUNDRY FLOUR.	S. Obermayer Co., Cincinnati, O.
P. FOUNDRY LADLES.	Byram & Co., Detroit, Mich.
	Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
	W. J. Clark Co., Salem, O.
	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	Robt. Poole & Son Co., Baltimore, Md.
	Scannell & Wholey, Lowell, Mass.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	Walker Co., Cleveland, O.
	Whiting Foundry Equipment Co., Harvey, Ill.
	Wilfong Bros., S. 52d St., Philadelphia, Pa.
Q. FOUNDRY MOLASSES.	S. Obermayer Co., Cincinnati, O.
R. FOUNDRY MOULDING MACHINES.	Adams Co., Dubuque, Iowa.
	Henry E. Pridmore, 111 W. Harrison St., Chicago, Ill.
	Tabor Mfg. Co., Elizabeth, N. J.
S. FOUNDRY RUMBLERS.	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
T. FOUNDRY SHANKS.	Wm. H. Anderson & Sons, Detroit, Mich.
U. FOUNDRY TONGS.	Wm. H. Anderson & Sons, Detroit, Mich.
V. GROUND GANNISTER.	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	Stuart Fire Brick Co., Pittsburg, Pa.
W. IRON FILLER.	S. Obermayer Co., Cincinnati, O.
	J. D. Smith Foundry Supply Co., Cincinnati, O.
X. MOULDING SAND.	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
Y. PATTERN DRESSING.	J. D. Smith Foundry Supply Co., Cincinnati, O.
Z. SILVER LEAD, INDIA.	S. Obermayer Co., Cincinnati, O.
AA. SLAG POTS.	Edward P. Allis Co., Milwaukee, Wis.

	Gillette-Herzog Mfg. Co., Minneapolis, Minn.
BB. SWABS.	S. Obermayer Co., Cincinnati, O.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
CC. TROLLEY BROOMS.	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
DD. TUMBLERS.	Whiting Foundry & Equipment Co., Harvey, Ill.
3459. FRUIT DRYERS' TRAY CARS.	
	San Jose Agricultural Works, San Jose, Cal.
3460. FRUIT JAR TOPS.	Consolidated Fruit Jar Co., 49 Warren St., New York.
	Hero Fruit Jar Co., Gaul & Adams Sts., Philadelphia, Pa.
	Mason Fruit Jar Co., Frankford & Stiles Sts., Phila., Pa.
	Ohio Lantern Co., Tiffin, O.
	Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
	Wheeling Stamping Co., Wheeling, W. Va.
3461. FRUIT JUICES.	Benton, Myers & Co., Cleveland, O.
	Chaskel Chemical Works, Inc., 177 Pearl St., New York.
	Cleveland Cider Co., Unionville, O.
	Firm of John Matthews, 329 E. 26th St., New York.
	Hance Bros. & White, 621 Callowhill St., Philadelphia, Pa.
	McKesson & Robbins, 91 Fulton St., New York.
	Wm. H. Rudkin, 74 William St., New York.
	W. H. Schieffelin & Co., 170 William St., New York.
	I. Calvin Shafer Co., 268 W. Broadway, New York.
	Wood & Selick, 36 Hudson St., New York.
A. PRUNE JUICE.	Barrett & Co., 43 Front St., New York.
	Nicholas Rath & Co., 30 S. William St., New York.
	Wm. H. Rudkin, 74 William St., New York.
3462. FURNACE FITTINGS.	International Heater Co., Utica, N. Y.
3463. FURNACE SHELL JACKETS.	
	Riter-Conly Co., Pittsburg, Pa.
3464. FURNITURE PARTS & SUPPLIES.	
A. CANE SEATS, WOVEN.	Heywood Bros. & Wakefield Co., Gardner, Mass.
B. CHAIR & STOOL IRONS.	Western Malleable & Grey Iron Mfg. Co., Milwaukee, Wis.
C. CHAIR & TABLE FELT, METAL.	Foster, Merriam & Co., Meriden, Conn.
	Henry C. Hart Mfg. Co., Detroit, Mich.
D. CHAIR & TABLE LEGS.	Chas. G. Blatchley, S. Swanson & McKean Sts., Phila., Pa.
	Ohio Scroll & Lumber Co., Covington, Ky.
	W. C. Stiles, Warren, O.
E. CHAIR CANE.	Conant, Ball & Co., West Gardner, Mass.
	Otto Gerdau, 41 Dey St., New York.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	E. Newton's Sons, 42 Elizabeth St., New York.
F. CHAIR ROUNDS.	Alfred W. Ely, Northville, Mich.
G. CHAIR SEATS, LEATHER BOARD.	Chas. A. Grimmons & Co., Boston, Mass.
H. CHAIR STOCK.	Frank D. Chase, Somerset, Vt.
	E. B. Estes & Sons, 45 John St., New York.
	Indiana & Arkansas Lumber & Mfg. Co., Mariana, Ark.
	Nicola Bros. Co., Pittsburg, Pa.
	Parker & Young Co., Lisbon, N. H.
	E. B. Shields, Hudson, O.
	W. C. Stiles, Warren, O.
I. CHAIR STOCK, TWIST.	Essex Wood Turning Co., Essex, Conn.
J. CHAIR TIPS.	Elastic Tip Co., Boston, Mass.
	B. F. Goodrich Co., Akron, O.
	Tyer Rubber Co., Andover, Mass.
K. CORNER BLOCKS.	Albert M. Komp, Jr., 501 W. 113th St., New York.
	Chas. E. Zimmerman, Syracuse, N. Y.
L. DESK SLIDES.	Grand Rapids Brass Co., Grand Rapids, Mich.
	Stanley Works, New Britain, Conn.
M. EASEL TRIMMINGS.	Buescher Mfg. Co., Elkhart, Ind.
N. EXTENSION TABLE SLIDES.	Hahn & Lind Table Co., Columbus, O.
O. FURNITURE FENDERS.	Elastic Tip Co., Boston, Mass.
P. FURNITURE FRAMES.	Aetna Parlor Furniture Co., W. North Av., Chicago, Ill.
	Hermann Barth & Co., 53 Dayton St., Chicago, Ill.
	Chicago Comfort Couch Co., 1330 W. Madison St., Chic., Ill.
	Chicago Parlor Furniture Co., 228 Wabash Av., Chicago, Ill.
	Continental Mfg. Co., 126 Weed St., Chicago, Ill.
	Crescent Furniture & Lumber Co., St. Louis, Mo.
	C. H. Haberkorn & Co., Detroit, Mich.
	Hale Co., 15 Stone St., New York.
	August Hausske & Co., Inc., 100 Weed St., Chicago, Ill.
	Hermann Furniture Co., 1251 3d Av., New York.
	Hofstatter's Sons, 111 E. 13th St., New York.
	Johnson & Swartz, Allentown, Pa.
	Latimer & Adams, Utica, N. Y.
	National Parlor Furniture Co., 462 Wabash Av., Chicago, Ill.

Ohio Scroll & Lumber Co., Covington, Ky.
Richmond Woodworking Co., Richmond, Va.
Western Parlor Frame Co., 170 Mather St., Chicago, Ill.

Q. FURNITURE MOULDINGS. Essex Wood Turning Co., Essex, Conn.
Ohio Scroll & Lumber Co., Covington, Ky.
Fred. Voelckel, Cincinnati, O.

R. FURNITURE ORNAMENTS, WOOD. Novelty Wood Works, Grand Rapids, Mich.
Novelty Wood Works, Union City, Pa.
Ohio Scroll & Lumber Co., Covington, Ky.

S. FURNITURE TOPS, MARBLE. Burlington Mfg. Co., Burlington, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Georgia Marble Co., 164 S. 30th St., Philadelphia, Pa.
A. Klaber, 238 E. 57th St., New York.
Philip McDonough, Cincinnati, O.
Sherman & Flavin, 2511 State St., Chicago, Ill.
Wm. C. Townsend & Co., Zanesville, O.

T. FURNITURE TRIMMINGS. John Duer & Sons, 28 S. Charles St., Baltimore, Md.
F. L. Ellis & Son, Milldale, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Salomon & Phillips, 33 Spruce St., New York.
Waddell Mfg. Co., Grand Rapids, Mich.

U. HAIR SEATINGS. American Hair Cloth Co., Pawtucket, R. I.
McKay Curtain Co., Wilmington, Del.
Pawtucket Hair Cloth Co., Pawtucket, R. I.

V. PARTITION HOLDERS. A. J. Wells Mfg. Co., 248 Tallman St., Syracuse, N. Y.

W. RATTAN SEATINGS. Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.

X. SCREEN FRAMES. E. C. Stearns & Co., Syracuse, N. Y.

Y. TABLE SLIDES. B. Walter & Co., Wabash, Ind.
Wilson & Robotham, Syracuse, N. Y.

Z. TWISTED COLUMNS, WOOD. Ohio Scroll & Lumber Co., Covington, Ky.

AA. VENEER SEATINGS. Frost's Veneer Seating Co., Sheboygan, Wis.
Gale Mfg. Co., Warren, Pa.
Joel H. Woodman, Hoboken, N. J.

BB. VENEER SEATINGS, PERFORATED. Joel H. Woodman, Hoboken, N. J.

CC. WIRE MATTRESS FRAMES. Carpenter & Dyett, Rome, N. Y.
E. B. Estes & Sons, 45 John St., New York.

3465. FURRIERS' SAWDUST.
Winona Fence Co., Winona, Minn.

3466. GAS FITTERS' CEMENT.
Chamberlin & Johnson, Allegheny, Pa.

3467. GAS HOUSE SUPPLIES.

A. GAS PURIFYING MATERIALS. Connelly Iron Sponge & Governor Co., 357 Canal St., N. Y.

3468. GASKETS.
Boston Belting Co., Boston, Mass.
H. O. Canfield, Bridgeport, Conn.
Common Sense Metallic Pkg. Co., 393 Pearl St., New York.
Garlock Packing Co., Palmyra, N. Y.
B. F. Goodrich Co., Akron, O.
Jenkins Bros., 71 John St., New York.

A. ASBESTOS GASKETS. H. W. Johns Mfg. Co., 100 William St., New York.
U. S. Mineral Wool Co., 2 Cortlandt St., New York.

B. LEAD GASKETS. Delaney Oil & Lubricant Co., Milwaukee, Wis.
A. B. Hazzard, St. Louis, Mo.
E. W. Vanduzen Co., Cincinnati, O.

C. RUBBER GASKETS. American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill,
Empire Rubber Mfg. Co., Trenton, N. J.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Ireson Rubber Co., 97 High St., Boston, Mass.
Mercer Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Place, New York.
New York Rubber Co., 84 Reade St., New York.
Trenton Rubber Co., Trenton, N. J.

3469. GEAR COGS. Nordyke & Marmon Co., Indianapolis, Ind.

3470. GELATINE. Armour Glue Works, 205 Lasalle St., Chicago, Ill.
Peter Cooper's Glue Factory, Inc., 17 Burling Slip, N. Y.
Merchants' Oil Co., Cleveland, O.
Michigan Carbon Works, Detroit, Mich.
Plymouth Rock Gelatine Co., Boston, Mass.

A. MINERAL GELATINE.	World Refining Co., Easton, Pa.
3471. GLASS HOUSE SUPPLIES.	
	J. Herbertson's Sons, Cadwallader, Pa.
A. GLASS HOUSE LADLES.	J. Herbertson's Sons, Cadwallader, Pa.
B. GLASS MELTING TANK BLOCKS.	Pittsburg Clay Pot Co., Allegheny, Pa.
C. GLASS MAKERS' SAND.	John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.
D. GLASS POTS.	Ohio Valley Clay Co., Steubenville, O.
	Pittsburg Clay Pot Co., Allegheny, Pa.
E. GLASS WORKS TANK BLOCKS.	Pittsburg Clay Pot Co., Allegheny, Pa.
3472. GLASS WOOL.	Bissell Chemical Co., McKeesport, Pa.
3473. GLAZIERS' LEAD.	Chadwick Lead Works, 176 High St., Boston, Mass.
3474. GLUCOSE.	American Glucose Co., Buffalo, N. Y.
	Chas. Pope Glucose Co., Geneva, Ill.
3475. GLUE.	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
	Austin & Eddy, Boston, Mass.
	Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
	Herman Behr & Co., 75 Beekman St., New York.
	Bird Glue Co., Cincinnati, O.
	Buffalo Glue Works, Buffalo, N. Y.
	John Bullock & Son, Baltimore, Md.
	Peter Cooper's Glue Factory, Inc., 17 Burling Slip, N. Y.
	Cudahy Packing Co., South Omaha, Neb.
	D. F. Deike & Son, 602 W. 52d St., New York.
	Delany & Co., 209 N. 3d St., Philadelphia, Pa.
	Gloucester Isinglass & Glue Co., Gloucester, Mass.
	Grand Rapids Glue Co., Grand Rapids, Mich.
	Hall Capsule Co., Cincinnati, O.
	Arthur S. Hoyt, 90 W. Broadway, New York.
	Keene Glue Co., Keene, N. H.
	Lister Agricultural Chemical Works, Newark, N. J.
	P. B. Mathiason Mfg. Co., St. Louis, Mo.
	Michigan Carbon Works, Detroit, Mich.
	Stephens & Bro., Cincinnati, O.
	Swift & Co., Union Stock Yards, Chicago, Ill.
	D. F. Tiemann & Co., 140 W. Broadway, New York.
	E. J. Waddell & Co., 52 Beekman St., New York.
	Wahl Bros., 138 Washington St., Chicago, Ill.
	S. H. Wetmore Co., 242 Pearl St., New York.
A. BONE GLUE.	Empire Carbon Works, St. Louis, Mo.
B. CARRIAGE GLUE.	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
	Gloucester Isinglass & Glue Co., Gloucester, Mass.
C. COLORED ELASTIC GLUE.	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
	Golding & Co., Boston, Mass.
D. FAMILY GLUE.	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
	Carter's Ink Co., Boston, Mass.
	Russia Cement Co., Gloucester, Mass.
E. FIRE PROOF GLUE.	Chicago Fire Proof Covering Co., 48 Franklyn St., Chic., Ill.
F. FISH GLUE.	American Glue Co., Boston, Mass.
	Carter's Ink Co., Boston, Mass.
	A. W. Dodd & Co., Gloucester, Mass.
	Russia Cement Co., Gloucester, Mass.
	Whittemore Bros. & Co., Boston, Mass.
G. GLUE STOCK.	Cover, Drayton & Leonard, 355 N. 3d St., Phila., Pa.
	L. B. Darling Fertilizer Co., Pawtucket, R. I.
	Swift & Co., Inc., Union Stock Yards, Chicago, Ill.
H. LIQUID GLUE.	American Glue Co., Boston, Mass.
	Carter's Ink Co., Boston, Mass.
	Joshua S. Chase & Co., Boston, Mass.
	Cincinnati Glue Co., Cincinnati, O.
	Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
	William A. Davis Co., Boston, Mass.
	A. W. Dodd & Co., Gloucester, Mass.
	Major Cement Co., 461 Pearl St., New York.
	John U. O'Meara & Co., Washington, D. C.
	Russia Cement Co., Gloucester, Mass.
	F. W. Thurston & Co., 29 River St., Chicago, Ill.
	Whittemore Bros. & Co., Boston, Mass.
I. POWDERED COLD WATER GLUE.	Arthur S. Hoyt, 90 West Broadway, New York.
3476. GOLD TESTING STONE.	
	Pike Mfg. Co., Pike Station, N. H.
3477. GRAPE SUGAR.	American Glucose Co., Buffalo, N. Y.
	Chicago Sugar Refinery Co., Chicago, Ill.
3478. GRAPHITE.	Binney & Smith, 257 Pearl St., New York.

Jos. Dixon Crucible Co., Jersey City, N. J.
Graphite Lubricating Co., Bound Brook, N. J. *28
Ilsley, Doubleday & Co., 229 Front St., New York.
National Paint Works, Williamsport, Pa.
S. Obermayer Co., Cincinnati, O.

A. BRAZING GRAPHITE. Jos. Dixon Crucible Co., Jersey City, N. J.
B. LUBRICATING GRAPHITE. Ilsley, Doubleday & Co., 229 Front St., New York.
C. STICK GRAPHITE. National Cement & Rubber Mfg. Co., Toledo, O.

3479. GRINDING COMPOUNDS.
M. C. Hammett, Troy, N. Y.

3480. GRINDING PANS. Frank Kneeland Mach. Co., Pittsburg, Pa.

3481. GROMMETS, BRASS. Metal Stamping Co., 388 West Broadway, New York.
Edwin B. Stimpson & Son, 31 Spruce St., New York.

3482. GROUND CLIFF STONE.
H. F. Taintor Mfg. Co., 101 Beekman St., New York.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3483. GROUND CORNWALL STONE.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3484. GROUND FELDSPAR. Golding & Sons Co., Trenton, N. J.

3485. GROUND FLINT. Bridgeport Wood Finishing Co., New Milford, Conn.
Standard Flint Paper Co., Arlington, N. J.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3486. GROUND FUSTIC. Beach & Co., Hartford, Conn.

3487. GROUND QUARTZ. Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
Bridgeport Wood Finishing Co., New Milford, Conn.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3488. GROUND SILEX. Bridgeport Wood Finishing Co., New Milford, Conn.
Geo. S. Mepham & Klein, St. Louis, Mo.
J. W. Paxson Co., 1021 N. Delaware Av., Phila., Pa.
Pettit Chemical Co., 256 Front St., New York.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3489. GROUND SLATE. John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.
C. K. Williams & Co., Easton, Pa.

3490. GUN COTTON. Charles Cooper & Co., 194 Worth St., New York.
Dundee Chemical Works, Inc., 62 William St., New York.
Fairfield Chemical Works, Inc., 71 Wall St., New York.

3491. HAIR.
A. CATTLE HAIR. Armour Curled Hair Works, 205 Lasalle St., Chicago, Ill.
Illinois Leather Co., 400 N. Halsted St., Chicago, Ill.
B. GOAT HAIR. Illinois Leather Co., 400 N. Halsted St., Chicago, Ill.

3492. HAMMER STRAPS. Racine Malleable & Wrought Iron Co., Racine, Wis.

3493. HANDLE PLATES. Novelty Iron Works, Sterling, Ill.

3494. HANDLES. Berger Bros. Co., 237 Arch St., Philadelphia Pa.
Booth & Rockwell, Monroeton, Pa.
Burton Handle Co., Burton, O.
Frankfort Handle Mfg. Co., Frankfort, Ind.
Ohio Tool Co., Columbus, O.
John Sommer's Son, Newark, N. J.
Vanceboro Mfg. Co., Vanceboro, Me.

A. BOILER HANDLES. Stover Mfg. Co., Freeport, Ill.
B. BONE HANDLES. A. F. Bannister & Co., Newark, N. J.
Rogers & Hubbard Co., Middletown, Conn.
C. BROOM HANDLES. Amsterdam Broom Co., Buffalo, N. Y.
Cadillac Handle Co., Cadillac, Mich.
Findlay Stave & Handle Co., Findlay, O.
Kerr Bros. & Co., Hicksville, O.
Oakland Mfg. Co., Gardiner, Mass.
Piqua Handle & Mfg. Co., Piqua, O.
L. B. Wood Co., Grand Valley, Pa.
D. BRUSH HANDLES. Austin A. Ellis, Keene, N. H.
Holgate Bros. Co., Kane, Pa.
Kerr Bros. & Co., Hicksville, O.
Piqua Handle & Mfg. Co., Piqua, O.
E. BRUSH HANDLES, ALUMINUM. Pratt Mfg. Co., 167 Wooster St., New York.
F. BRUSH POLES. Coss & Stinebaugh, Lima, O.
Kerr Bros. & Co., Hicksville, O.
G. CARPET STRETCHER HANDLES. Kraeuter Co., Newark, N. J.
H. CARPET SWEEPER HANDLES. Piqua Handle & Mfg. Co., Piqua, O.
I. CRANK HANDLES. Piqua Handle & Mfg. Co., Piqua, O.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10
J. CUTLERY HANDLES. Arlington Mfg. Co., 475 Broadway, New York.
E. B. Estes & Son, 45 John St., New York.
Rogers & Hubbard Co., Middletown, Conn.

	Salisbury Cutlery Handle Co., Salisbury, Conn.
K. FEATHER DUSTER HANDLES.	Thos. W. Houchin Co., 67 Park Pl., New York.
	Piqua Handle & Mfg. Co., Piqua, O.
L. HORN HANDLES.	Mrs. Hannah A. Goodhue, Leominster, Mass.
M. IVORY HANDLES.	A. F. Bannister & Co., Newark, N. J.
	F. Grote & Co., 114 E. 14th St., New York.
N. KNIFE HANDLES.	E. B. Estes & Sons, 45 John St., New York.
	Novelty Pearl Co., Providence, R. I.
	Piqua Handle & Mfg. Co., Piqua, O.
	Union Hardware Co., Torrington, Conn.
O. MACHINE HANDLES.	Billings & Spencer Co., Hartford, Conn.
	J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10
P. MOP HANDLES.	C. W. Hart, Troy, N. Y.
	Kerr Bros. & Co., Hicksville, O.
	F. E. Kohler & Co., Canton, O.
	W. D. Martin, Warsaw, N. Y.
	Parks & Parks, Troy, N. Y.
	Piqua Handle & Mfg. Co., Piqua, O.
	Stover Mfg. Co., Freeport, Ill.
	Union Hardware Co., Torrington, Conn.
	Union Mfg. Co., Toledo, O.
	Vermont Shade Roller Co., Burlington, Vt.
Q. PARCEL HANDLES, LABELED.	Tie Co., Unadilla, N. Y.
R. PEARL HANDLES.	A. F. Bannister & Co., Newark, N. J.
	Louis Cohen, Providence, R. I.
S. SAD IRON HANDLES.	Piqua Handle & Mfg. Co., Piqua, O.
T. SPECIAL HANDLES.	Kerr Bros. & Co., Hicksville, O.
	Ohio Tool Co., Columbus, O.
U. TIN HANDLES.	Chicago Stamping Co., 227 S. Green St., Chicago, Ill.
V. TORCH HANDLES.	Candillac Handle Co., Candillac, Mich.
	Piqua Handle & Mfg. Co., Piqua, O.
3495. HAND SPIKES.	Burton Handle Co., Burton, O.
3496. HARDWARE BINS, PORTABLE, STEEL.	
	W. J. Clark Co., Salem, O.
3497. HAT SUPPLIES.	
A. HAT BANDS.	Adhesive Gimp Co., Ltd., 401 E. 91st St., New York.
B. HAT BOW TIES.	Dunlap & Co., 180 5th Av., New York.
	Hope Webbing Co., Providence, R. I.
	J. G. Irving, 9 River St., Danbury, Conn.
	A. E. Tweedy, Danbury, Conn.
	John G. Wintjen, 14 Astor Place, New York.
C. HAT CORDS.	Hoffman & Ellrodt, 91 Mercer St., New York.
	Silver Lake Co., Newtonville, Mass.
	Walter J. Vogt, 320 Bridge St., Brooklyn, N. Y.
D. HAT MARKS.	Queen Aluminum Co., 434 Elm St., Cincinnati, O.
	John G. Wintjen, 14 Astor Place, New York.
E. HAT PADS.	Geo. A. Shepard & Son, Bethel, Conn.
	John G. Wintjen, 14 Astor Place, New York.
F. HAT REEDS.	Heywood Bros. & Wakefield Co., Gardner, Mass.
G. HAT SILK BINDINGS.	Dunlap & Co., 180 5th Av., New York.
H. HAT SWEATS.	Geo. S. Bracher Mfg. Co., 22 W. 3d St., New York.
	J. B. Mast Co., 22 W. 4th St., New York.
	Mary E. Riordan, Newark, N. J.
	Geo. A. Shepard & Son, Bethel, Conn.
	John G. Wintjen, 14 Astor Place, New York.
I. HATTERS' CEMENT.	Safety Cement & Shoe Dressing Co., Fernwood, Pa.
J. HAT VENTILATORS.	E. Mattes & Son, 138 Wooster St., New York.
K. HAT WIRES.	John H. Crissey, Newark, N. J.
	New Haven Wire Mfg. Co., New Haven, Conn.
	Geo. A. Shepard & Son, Bethel, Conn.
	R. H. Wolff & Co., ft. E. 118th St., New York.
3498. HEAVY COTTON TUBING.	
	Greenwood Co., New Hartford, Conn.
3499. HEAVY METAL STAMPINGS.	
	Avery Stamping Co., Cleveland, O.
3500. HEMP FIBRE.	Nebraska Binder Twine Co., Fremont, Neb.
3501. HIDE POISON.	Baker & Adamson Chemical Co., Easton, Pa.
	Geo. A. Erkenbrack, 34 Platt St., New York.
3502. HOPS.	J. C. Bauer & Co., San Francisco, Cal.
	Dewitt Conger, Waterville, N. Y.
	E. E. Dickinson & Co., Essex, Conn.
	Wm. H. Dole, 44 Pearl St., New York.
	Chas. Green's Son, Brainard & Co., Waterville, N. Y.
	Hauser & Sons Malting Co., St. Paul, Minn.
	Mebins & Drescher, Sacramento, Cal.

John H. Tator, Cobleskill, N. Y.
E. Uchtmann, 17 Broadway, New York.
S. & F. Uhlmann, 69 Broad St., New York.
Whiting & Lawrence, Waterville, N. Y.

3503. HOP SKIRT MATERIALS.

Ansonia O. & C. Co., Ansonia, Conn.

3504. HOSE.

A. ACID HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Mechanical Rubber Co., 22 Murray St., New York.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.

B. AIR HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Home Rubber Co., Trenton, N. J.
Neville & Co., 31 California St., San Francisco, Cal.
Rand Drill Co., 100 Broadway, New York.

C. ANTISEPTIC CABLE HOSE.
N. Y. Belting & Packing Co., 25 Park Place, New York.

D. BREWERS' HOSE.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Empire Rubber Mfg. Co., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Rubber Co., 25 Park Place, New York.
Trenton Rubber Co., Trenton, N. J.

E. CHEMICAL HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.

F. COTTON HOSE.
American Supply Co., Providence, R. I.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Chas. E. Eberle, Malden, Mass.
Empire Mfg. Co., Lockport, N. Y.
Empire Rubber Mfg. Co., Trenton, N. J.
Eureka Fire Hose Co., 13 Barclay St., New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Mechanical Rubber Co., 22 Murray St., New York.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., Ltd., 25 Park Pl., N. Y.
Revere Rubber Co., 63 Franklin St., Boston, Mass.

G. COTTON HOSE, RUBBER LINED.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Empire Mfg. Co., Lockport, N. Y.
Empire Rubber Mfg. Co., Trenton, N. J.
Eureka Fire Hose Co., 13 Barclay St., New York.
N. J. Car Spring & Rubber Co., Jersey City, N. J.

H. DIVERS' HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
Schrader & Son, 32 Rose St., New York.

I. ENGINE HOSE.
Empire Rubber Mfg. Co., Trenton, N. J.

J. FIRE HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Empire Mfg. Co., Lockport, N. Y.
Empire Rubber Mfg. Co., Trenton, N. J.
Eureka Fire Hose Co., 13 Barclay St., New York.
Fabric Fire Hose Co., 68 Murray St., New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Trenton, N. J.
Neville & Co., Inc., 31 California St., San Francisco, Cal.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Rossendale Belting Co., Newark, N. J.
Russell Mfg. Co., Middletown, Conn.

K. GARDEN HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
Eureka Fire Hose Co., 13 Barclay St., New York.
Home Rubber Co., Trenton, N. J.
New York Belting & Packing Co., 25 Park Pl., New York.

L. GAS HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
N. J. Car Spring & Rubber Co., Jersey City, N. J.

M. HYDRAULIC HOSE.
American Multiple Fabric Co., Olneville, R. I.
Boston Belting Co., 256 Devonshire St., Boston, Mass.

N. LEATHER HOSE.
Boston Belting Co., Boston, Mass.
R. Hollfeld & Co., Buffalo, N. Y.

O. LINEN HOSE.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.

	Chas. E. Eberle, Malden, Mass.
	Empire Mfg. Co., Lockport, N. Y.
	Empire Rubber Mfg. Co., Trenton, N. J.
	Eureka Fire Hose Co., 13 Barclay St., New York.
	Gutta Percha & Rubber Mfg. Co., 35 Warren St., NewYork.
	N. J. Car Spring & Rubber Co., Jersey City, N. J.
	N. Y. Belting & Packing Co., 25 Park Place, New York.
	Quaker City Rubber Co., Philadelphia, Pa.
	Russell Mfg. Co., Middletown, Conn.
P. LINEN HOSE, RUBBER LINED.	Eureka Fire Hose Co., 13 Barclay St., New York.
	Mineralized Rubber Co., 18 Cliff St., New York.
Q. LOCOMOTIVE HOSE.	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Home Rubber Co., Trenton, N. J.
	Mercer Rubber Co., Trenton, N. J.
	N. J. Car Spring & Rubber Co., Jersey City, N. J.
R. OIL HOSE.	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
	Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
	N. J. Car Spring & Rubber Co., Jersey City, N. J.
	Quaker City Rubber Co., Philadelphia, Pa.
S. RUBBER HOSE.	Akron Rubber Works, Akron, O.
	American Supply Mfg. Co., 20 Warren St., New York.
	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
	Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
	Combination Roll & Rubber Co., 38 Park Row, New York.
	Crescent Belting & Packing Co., Trenton, N. J.
	Empire Rubber Co., Trenton, N. J.
	Empire Rubber Mfg. Co., Trenton, N. J.
	B. F. Goodrich Co., Akron, O.
	Goodyear Rubber Co., 787 Broadway, New York.
	Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
	Mechanical Rubber Co., Cleveland, O.
	Mercer Rubber Co., Trenton, N. J.
	National India Rubber Co., Bristol, R. I.
	N. J. Car Spring & Rubber Co., Jersey City, N. J.
	N. Y. Belting & Packing Co., 25 Park Place, New York.
	New York Rubber Co., 84 Reade St., New York.
	Revere Rubber Co., 63 Franklin St., Boston, Mass.
	Trenton Rubber Co., Trenton, N. J.
	United Rubber Co., Trenton, N. J.
	Whitman & Barnes Mfg. Co., Akron, O.
T. STEAM HOSE.	American Supply Mfg. Co., 20 Warren St., New York.
	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
	Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
	Crescent Belting & Packing Co., Trenton, N. J.
	Empire Rubber Mfg. Co., Trenton, N. J.
	Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
	Home Rubber Co., Trenton, N. J.
	Mercer Rubber Co., Trenton, N. J.
	New York Belting & Packing Co., 25 Park Pl., New York.
	Rand Drill Co., 100 Broadway, New York.
	Trenton Rubber Co., Trenton, N. J.
U. SUCTION HOSE.	American Supply Mfg. Co., 20 Warren St., New York.
	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
	Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
	Crescent Belting & Packing Co., Trenton, N. J.
	Empire Rubber Mfg. Co., Trenton, N. J.
	Fabric Fire Hose Co., 13 Park Row, New York.
	Goodyear Rubber Co., 787 Broadway, New York.
	Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
	Home Rubber Co., Trenton, N. J.
	Mercer Rubber Co., Trenton, N. J.
	N. J. Car Spring & Rubber Co., Jersey City, N. J.
	New York Belting & Packing Co., 25 Park Pl., New York.
	Revere Rubber Co., 63 Franklin St., Boston, Mass.
	Trenton Rubber Co., Trenton, N. J.
V. TANK HOSE.	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Home Rubber Co., Trenton, N. J.
	Mercer Rubber Co., Trenton, N. J.
W. TANNERS' HOSE.	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
	N. J. Car Spring & Rubber Co., Jersey City, N. J.
X. TEST HOSE.	New York Belting & Packing Co., 25 Park Pl., New York.

Y. WIRE WOUND HOSE.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
N. J. Car Spring & Rubber Co., Jersey City, N. J.

3505. HOSE FITTINGS.

A. HOSE BANDS.
Hudson Parer Co., Leominster, Mass.
Springfield Brass Co., Springfield, O.

B. HOSE CLAMPS.
Belknap Mfg. Co., Bridgeport, Conn.
Haydenville Mfg. Co., 73 Beekman St., New York.
Hunter Fan & Motor Co., Fulton, N. Y.

C. HOSE CLIPS.
E. A. Williams & Son, Jersey City, N. J.

D. HOSE COUPLINGS.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
W. J. Clark Co., Salem, O.
Clayton & Lambert Mfg. Co., Ypsilanti, Mich.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Darling Pump & Mfg. Co., Williamsport, Pa.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Eureka Fire Hose Co., 13 Barclay St., New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Haydenville Mfg. Co., 73 Beekman St., New York.
King & Knight, 614 Atlantic Av., Boston, Mass.
Novelty Iron Works, Sterling, Ill.
Peck Bros. & Co., New Haven, Conn.
Springfield Brass Co., Springfield, O.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

E. HOSE JACKETS.
Allen Fire Department Supply Co., Providence, R. I.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

F. HOSE MENDERS.
John Sommer's Sons, Newark, N. J.

G. HOSE NIPPLES.
Belknap Mfg. Co., Bridgeport, Conn.
Boston Brass Co., Boston, Mass.

H. HOSE NOZZLES.
Boston Woven Hose Rubber Co., Cambridgeport, Mass.
Clayton & Lambert Mfg. Co., Ypsilanti, Mich.
Darling Pump & Mfg. Co., Williamsport, Pa.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Empire Rubber Mfg. Co., Trenton, N. J.
Hersey Mfg. Co., South Boston, Mass.
F. E. Kohler & Co., Canton, O.
Andrew J. Morse & Son, 140 Congress St., Boston, Mass.
Peck Bros. & Co., New Haven, Conn.
Pullman Sash Balance Co., Rochester, N. Y.

I. HOSE PIPES.
Belknap Mfg. Co., Bridgeport, Conn.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
Charles H. Eberle, 93 Oliver St., Boston, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
Haydenville Mfg. Co., 73 Beekman St., New York.
Andrew J. Morse & Son, 140 Congress St., Boston, Mass.
Peck Bros. Co., New Haven, Conn.

J. HOSE SPLICES.
Belknap Mfg. Co., Bridgeport, Conn.

K. HOSE SPRINKLERS.
Belknap Mfg. Co., Bridgeport, Conn.
Haydenville Mfg. Co., 73 Beekman St., New York.
Hersey Mfg. Co., South Boston, Mass.
Peck Bros. & Co., New Haven, Conn.

L. HOSE STRAPS.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Haydenville Mfg. Co., 73 Beekman St., New York.

M. HOSE WASHERS.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Hathaway Hose Washer Co., Syracuse, N. Y.
Home Rubber Co., Trenton, N. J.
Rockford Neck Yoke Works, Rockford, Ill.
Trenton Rubber Co., Trenton, N. J.

3506. INDIGO.
Jas. L. Morgan & Co., 47 Fulton St., New York.
New York & Boston Dyewood Co., 55 Beekman St., N. Y.
Schoelkopf Aniline & Chemical Co., Buffalo, N. Y.
Sharpless Dye Wood Extract Co., 648 Phila. Bourse, Phila., Pa.
Wells & Richardson Co., Burlington, Vt.

3507. INK POWDERS.
Handy Package Dye Co., Massena, N. Y.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

3508. IRON & STEEL FILLERS.
John Lucas & Co., Gibbsboro, N. J.
United States Gutta Percha Paint Co., Providence, R. I.
C. K. Williams & Co., Easton, Pa.

3509. IRON FILINGS & POWDER.
Baker & Adamson Chemical Co., Easton, Pa.
Rochester Show Case Works, Rochester, N. Y.

3510. ISINGLASS.
Armour Glue Works, 205 Lasalle St., Chicago, Ill.
Cape Ann Isinglass Co., Rockport, Mass.

Peter Cooper's Glue Factory, Inc., 17 Burling Sl., New York.
Andrew W. Dodd & Co., Gloucester, Mass.
Improved Process Glue Co., Gloucester, Mass.
Caleb J. Norwood, Ipswich, Mass.
Ripley Isinglass Co., Boston, Mass.
W. Zinsser & Co., 197 William St., New York.

3511. JAR TRIMMINGS.

Wheeling Metal Co., Wheeling, W. Va.

A. JAR TOPS, TIN.

Ohio Lantern Co., Tiffin, O.
Wheeling Metal Co., Wheeling, W. Va.

B. VACUUM JAR CAPS.

Wheeling Metal Co., Wheeling, W. Va.

3512. JEWELERS' SUPPLIES.

American Seamless Wire Co., Providence, R. I.
Horace F. Carpenter & Son, Providence, R. I.
W. R. Cobb & Co., Pawtucket, R. I.
Edward N. Cook, Providence, R. I.
W. N. Fisher & Co., Attleboro Falls, Mass.
George H. Fuller & Son, Pawtucket, R. I.
William Hennings, 56 University Pl., New York.
Thos. W. Lind, Providence, R. I.
H. D. Merritt & Co., North Attleboro, Mass.
Horace Remington & Son, Providence, R. I.
H. B. Sommer & Co., 628 Arch St., Philadelphia, Pa.
Josiah Walsham, Providence, R. I.
Waterbury Brass Co., Waterbury, Conn.

A. BROOCH MOUNTINGS.

Day, Clark & Co., Newark, N. J.

B. CHAIN HOOKS.

George H. Fuller & Son, Pawtucket, R. I.
Thos. W. Lind, Providence, R. I.

C. CHAIN RINGS.

George W. Dover, Providence, R. I.
W. N. Fisher & Co., Attleboro Falls, Mass.
Hamilton & Hamilton, Jr., Providence, R. I.
Thos. W. Lind, Providence, R. I.
Waite, Mathewson & Co., Providence, R. I.

D. CHAIN TRIMMINGS.

B. A. Ballou & Co., Providence, R. I.
W. R. Cobb & Co., Pawtucket, R. I.
George W. Dover, Providence, R. I.
George H. Fuller & Sons, Pawtucket, R. I.
Hamilton & Hamilton, Jr., Providence, R. I.
Heimberger & Lind, Providence, R. I.
S. & B. Lederer, Providence, R. I.
Thos. W. Lind, Providence, R. I.
Wm. Smith & Co., Providence, R. I.
Stanley Bros., Attleboro Falls, Mass.
Geo. L. Vose Mfg. Co., Providence, R. I.
Waite, Mathewson & Co., Providence, R. I.

E. DIAMOND MOUNTINGS.

Chester Billings & Son, 58 Nassau St., New York.
James Bingham, 108 S. 8th St., Philadelphia, Pa.
Blanchard & Co., 45 John St., New York.
Brooks & Pike, 383 Washington St., Boston, Mass.
Cox, Cooper, Ward & Young, Inc., 26 John St., New York.
Bonner, Grinberg, Rich & Co., 54 Maiden Lane, New York
Henry Guild & Son, 433 Washington St., Boston, Mass.
Hancock, Becker & Co., Providence, R. I.
Heimberger & Lind, Providence, R. I.
Hodenpyl & Son, 170 Broadway, New York.
E. A. Lehman & Co., 20 Maiden Lane, Newark, N. J.
S. F. Myers Co., 48 Maiden Lane, New York.
Ripley-Howland Mfg. Co., Boston, Mass.
Stern Bros. & Co., 68 Nassau St., New York.
D. Wilcox & Co., Providence, R. I.

F. EARRING BALLS.

Blanchard & Co., 45 John St., New York.
Geo. H. Fuller & Son, Pawtucket, R. I.

G. EAR WIRES.

Geo. H. Fuller & Son, Pawtucket, R. I.
Heimberger & Lind, Providence, R. I.
H. M. Williams & Co., Attleboro, Mass.

H. GOLD & SILVER BEADS.

A. T. Wall & Co., Providence, R. I.

I. HAIR CHAIN MOUNTINGS.

Geo. W. Dover, Providence, R. I.
Theodore W. Foster, Providence, R. I.
Thos. W. Lind, Providence, R. I.
H. M. Williams & Co., Attleboro, Mass.

J. HOLLOW BALLS, SEAMLESS.

A. T. Wall & Co., Providence, R. I.

K. JEWELERS' ASBESTOS.

H. W. Johns Mfg. Co., 100 William St., New York.

L. JEWELERS' CARDS.

Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Narragansett Card Co., Providence, R. I.
Young Bros., Providence, R. I.

M. JEWELERS' ENAMEL.

Gerstendorfer Bros., 17 Barclay St., New York.

Kohler, Hayson & Stehn Mfg. Co., Sheboygan, Wis.
E. P. Reichhelm & Co., 23 John St., New York.
J. G. Whitehouse, Providence, R. I.

N. JEWELERS' PLATE. J. Briggs & Sons Co., Providence, R. I.
Geo. H. Fuller & Son, Pawtucket, R. I.
A. S. Gardner & Co., 21 Maiden Lane, New York.
Thos. W. Lind, Providence, R. I.

O. JEWELERS' POLISHING MATERIALS. E. P. Reichhelm & Co., 23 John St., New York.

P. JEWELERS' SOAP. Jas. O. Draper & Co., Pawtucket, R. I.

Q. JEWELERS' TAGS. Dennison Mfg. Co., Boston, Mass.

R. JEWELRY CATCHES. A. T. Wall & Co., Providence, R. I.

S. JEWELRY JOINTS. A. T. Wall & Co., Providence, R. I.

T. METAL LAPS. E. A. Williams & Son, Jersey City, N. J.

U. PENCIL CASE STOCK. J. Briggs & Sons Co., Providence, R. I.

V. PIN TONGUES. W. R. Cobb & Co., Pawtucket, R. I.
Geo. H. Fuller & Son, Pawtucket, R. I.
A. T. Wall & Co., Providence, R. I.

W. ROUND BLANKS. A. T. Wall & Co., Providence, R. I.

X. SEAMLESS BEADS. A. T. Wall & Co., Providence, R. I.

Y. SETTINGS. Blancard & Co., 45 John St., New York.
Geo. H. Fuller & Son, Pawtucket, R. I.
Thos. W. Lind, Providence, R. I.

Z. SPECTACLE STOCK. J. Briggs & Sons Co., Providence, R. I.
Providence Optical Co., Providence, R. I.

AA. SPRING RINGS. A. T. Wall & Co., Providence, R. I.

BB. SQUARE BLANKS. A. T. Wall & Co., Providence, R. I.

CC. SWIVELS. W. N. Fisher & Co., Attleboro Falls, Mass.
Geo. H. Fuller & Son, Pawtucket, R. I.
Hamilton & Hamilton, Jr., Providence, R. I.
Waite, Mathewson & Co., Providence, R. I.
A. T. Wall & Co., Providence, R. I.

3513. KALSOMINE & PAINT STRAINERS.
Reilley Bros., 322 W. 41st St., New York.

3514. KILN CLOTH. Washington State Penitentiary, Walla Walla, Wash.

3515. LABEL HOLDERS. Hamilton Mfg. Co., Two Rivers, Wis.
Novelty Mfg. Co., Waterbury, Conn.

3516. LABELS. National Decalcomania Co., 230 N. 12th St., Philadelphia, Pa.
Salisbury Mfg. Co., Pawtucket, R. I.

A. BRASS LABELS. Brass Goods Mfg. Co., 117 Chambers St., New York.
Geo. M. Ness, Jr., 61 Fulton St., New York.
Schwerdtle & Seibert, Bridgeport, Conn.
Nelson Stafford, 66 Fulton St., New York.
Steele & Johnson Mfg. Co., Waterbury, Conn.

B. CIGAR BOX LABELS. Samuel W. Frost, Cincinnati, O.
Wm. Wicke Co., 530 1st Av., New York.
Wittemann Bros., 188 William St., New York.

C. PASTEBOARD LABELS. Dennison Mfg. Co., Boston, Mass.

D. SILK LABELS. American Silk Label Mfg. Co., 467 Broadway, New York.

E. WOVEN LABELS. International Weaving Co., 76 Elm St., New York.
N. Y. Woven Label Mfg. Co., 262 Canal St., New York.

3517. LABORATORY SUPPLIES.
Eimer & Amend, 205 3d Av., New York.

3518. LAUNDRY BOXES, LINENOID.
Crane Bros., Westfield, Mass.

3519. LAUNDRY TRAYS, SOAPSTONE.
Williams & Co., Nashua, N. H.

3520. LAYERS, BOX & BARREL.
Androscoggin Pulp Co., Portland, Me.

3521. LEAD PIPE REELS. E. J. Vance Box Co., Ltd., Bay City, Mich.

3522. LEATHER BANDS & BINDINGS.
John G. Wintjen, 14 Astor Place, New York.

3523. LEATHERETTE. Shawmut Mfg. Co., Boston, Mass.

3524. LEATHER PANELS. Thos. V. Johnson, 56 Union Place, New York.

3525. LIME FLOUR. Smith's Lime Flour Co., Elizabethport, N. J.

3526. LINSEED CAKE. Archer & Co., St. Paul, Minn.
Campbell & Thayer, 89 Maiden Lane, New York.
Dean Linseed Oil Co., 181 Front St., New York.
Dubuque Linseed Oil Co., Dubuque, Iowa.
Fredonia Oil Works, Fredonia, Kan.
Griswold Linseed Oil Co., Cleveland, O.
Hanford-Hall Works, The Rookery, Chicago, Ill.
Leavenworth Linseed Oil Works, Leavenworth, Kan.
Mann Bros. & Co., Buffalo, N. Y.
Metzger Linseed Oil Co., 1205 W. 18th St., Chicago, Ill.
National Linseed Oil Co., 1285 Old Colony Bldg., Chic., Ill.

Sioux City Linseed Oil Works, Sioux City, Iowa.
Woodman Linseed Oil Works, Omaha, Neb.
Wright & Lawther Oil & Lead Mfg.Co.,W.Polk St.,Chic.,Ill.

3527. LINSEED CAKE MEAL.
Campbell & Thayer, 89 Maiden Lane, New York.
Dubuque Linseed Oil Co., Dubuque, Iowa.
Griswold Linseed Oil Co., Cleveland, O.
Hanford-Hall Works, 975 The Rookery, Chicago, Ill.
Mann Bros. & Co., Buffalo, N. Y.
Mansfield Linseed Oil Works, Mansfield, O.
Metzger Linseed Oil Co., 1205 W. 18th St., Chicago, Ill.
National Linseed Oil Co., 1285 Old Colony Bldg., Chic., Ill.

3528. LIQUOR FLAVORS. McKesson & Robbins, 91 Fulton St., New York.
W. H. Rudkin, 74 William St., New York.
W. H. Schieffelin & Co., 170 William St., New York.

3529. LIQUOR TESTERS. John Barry, 62 Fulton St., New York.

3530. LITHOGRAPHERS' SUPPLIES.

A. GRAINED ZINC. Milton Bradley Co., Springfield, Mass.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.

B. HONES, STONE POLISHING. Caron Stone Co., Louisville, Ky.

C. LITHOGRAPHERS' BLANKETS. Boston Belting Co., Boston, Mass.

D. LITHOGRAPHERS' PLATES. John Carbutt, Wayne Junction, Philadelphia, Pa.
Fuchs & Lang Mfg. Co., 29 Warren St., New York.
Kidder Press Mfg. Co., Boston, Mass.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.

E. LITHOGRAPHIC STONE. Caron Stone Co., Louisville, Ky.

F. LITHOGRAPHIC VARNISH. C. W. H. Carter, 10 Vandewater St., New York.
Fuchs & Lang Mfg. Co., 29 Warren St., New York.
Chas. Eneu Johnson & Co., 509 S. 10th St., Phila., Pa.
Geo. H. Morrill & Co., Boston, Mass.
B. Thalmann Printing Ink Co., St. Louis, Mo.
H. D. Wade & Co., 28 Reade St., New York.
Samuel P. Wright & Co., Camden, N. J.

G. LITHOGRAPHING INK. Ault & Wiborg Co., Cincinnati, O.
Buffalo Printing Ink Works, Buffalo, N. Y.
Fuchs & Lang Mfg. Co., 29 Warren St., New York.
Chas. Eneu Johnson & Co., 509 S. 10th St., Phila., Pa.
Geo. H. Morrill & Co., Boston, Mass.
Queen City Printing Ink Co., Cincinnati, O.
Standard Printing Ink Co., Cincinnati, O.
B. Thalmann Printing Ink Co., St. Louis, Mo.
Sigmund Ullmann Co., 146th St., New York.
H. D. Wade & Co., 28 Reade St., New York.
W. D. Wilson Printing Ink Co., Ltd., 98 Fulton St., N. Y.
J. K. Wright & Co., 726 N. 26th St., Philadelphia, Pa.
Samuel P. Wright & Co., Camden, N. J.

H. STOCK CUTS. W. Hawtin & Co., 118 5th Av., Chicago, Ill.
F. A. Ringler Co., 21 Barclay St., New York. *12
Herman Schedler, 27 New Chambers St., New York.

I. STONE POLISHING PUTTY. Caron Stone Co., Louisville, Ky.

3531. LOCK PLATES. Wm. Clark, Sons Co., Pittsburg, Pa.

3532. LOCOMOTIVE LAGGING.
Philip Carey Mfg. Co., Lockland, O.
H. W. Johns Mfg. Co., 100 William St., New York.

3533. LOGWOOD, CUT & GROUND.
Beach & Co., Hartford, Conn.
William G. Johnson Co., Uncasville, Conn.
Jas. L. Morgan & Co., 47 Fulton St., New York.
New York & Boston Dyewood Co., 55 Beekman St., N. Y.

3534. LUBRICATORS. Ashcroft Mfg. Co., 111 Liberty St., New York.
H. Belfield & Co., 435 N. Broad St., Philadelphia, Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Cahill, Swift & Co., St. Louis, Mo.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Detroit Lubricator Co., Detroit, Mich.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
M. C. Hammett, Troy, N. Y.
Lackawanna Lubricating Co., Scranton, Pa.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Lunkenheimer Co., Cincinnati, O.
Michigan Lubricator Co., Detroit, Mich.
Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.

Murray Iron Works Co., Burlington, Iowa.
Nathan Mfg. Co., 92 Liberty St., New York.
Sherwood Mfg. Co., Buffalo, N. Y.
Siebert Cylinder Oil Cup Co., Boston, Mass.
Springfield Brass Co., Springfield, O.
Star Brass Mfg. Co., Boston, Mass.
Swift Lubricator Co., Elmira, N. Y.
E. W. Vanduzen Co., Cincinnati, O.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

A. CRANK PIN OILERS.
Detroit Lubricator Co., Detroit, Mich.
Dickson Mfg. Co., Scranton, Pa.
Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.

B. DYNAMO LUBRICATORS.
Detroit Lubricator Co., Detroit, Mich.
Wm. Powell Co., 50 Plum St., Cincinnati, O.
Sherwood Mfg. Co., Buffalo, N. Y.

C. FELLOE OILERS.
F. B. Tait Mfg. Co., Decatur, Ill.

D. GREASE CUPS.
American Injector Co., Detroit, Mich.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Forest City Brass Works, Cleveland, O.
K. H. Hall, 40 Cortlandt St., New York.
Lackawanna Lubricating Co., Scranton, Pa.
Lunkenheimer Co., 213 E. 8th St., Cincinnati, O.
Michigan Lubricator Co., Detroit, Mich.
Wm. P. Miller Co., 100 Greenpoint Av., Brooklyn, N. Y.
William Powell Co., Cincinnati, O.
Walker Co., Cleveland, O.

E. GREASE CUPS, COMPRESSION.
Schäffer & Budenberg, 25 Bedford Av., Brooklyn, N. Y.
Sherwood Mfg. Co., Buffalo, N. Y.

F. MANIFOLD OILING DEVICES.
Detroit Lubricator Co., Detroit, Mich.
K. H. Hall, 40 Cortlandt St., New York.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.

G. OIL CUPS.
Ashcroft Mfg. Co., 111 Liberty St., New York.
Belknap Mfg. Co., Bridgeport, Conn.
Charles H. Besly & Co., 10 N. Canal St., Chicago, Ill.
Bourbon Copper & Brass Works, Cincinnati, O.
A. W. Cadman Mfg. Co., Pittsburg, Pa.
Cahill, Swift & Co., 408 N. 4th St., St. Louis, Mo.
Crane Co., 10 N. Jefferson St., Chicago, Ill.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Darling Pump & Mfg. Co., Williamsport, Pa.
Eaton, Cole & Burnham Co., 253 Broadway, New York.
K. H. Hall, 40 Cortlandt St., New York.
M. C. Hammett, Troy, N. Y.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
McNab & Harlin Mfg. Co., Paterson, N. J.
Peck Bros. & Co., New Haven, Conn.
Penberthy Injector Co., Detroit, Mich.
Sherwood Mfg. Co., Buffalo, N. Y.
Seibert Cylinder Oil Cup Co., Boston, Mass.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

H. OIL CUPS, GLASS.
Detroit Lubricator Co., Detroit, Mich.
Lunkenheimer Co., 213 E. 18th St., Cincinnati, O.

I. SIGHT FEED LUBRICATORS.
C. Couse & Co., 42 Dey St., New York.
Crosby Steam Gage & Valve Co., Boston, Mass. *6
Detroit Lubricator Co., Detroit, Mich.
Lackawanna Lubricating Co., Scranton, Pa.
Nathan Mfg. Co., 92 Liberty St., New York.
William Powell Co., Cincinnati, O.
Sherwood Mfg. Co., Buffalo, N. Y.
Siebert Cylinder Oil Cup Co., Boston, Mass.
Star Brass Mfg. Co., 53 Oliver St., Boston, Mass.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

J. STEAM CHEST LUBRICATORS.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.

K. WAGON WHEEL OILERS.
D. H. Bausman, Bausman, Pa.

3535. LUMBERMEN'S BOAT CALKS.
Geo. H. Hawthorne, Bangor, Me.

3536. LYE.
Albany Chemical Co., Albany, N. Y.
E. N. Hall, 93 Wall St., New York.
New York Chemical Works, 48 W. Broadway, New York.
Penn. Chemical Works, 1332 Washington Av., Phila., Pa.
Penn. Salt Mfg. Co., 115 Chestnut St., Phila., Pa.

A. GRANULATED CAUSTIC LYE. John C. Wiarda & Co., 275 Greene St., Brooklyn, N. Y.

B. POWDERED & PERFUMED LYE. Penn. Salt Mfg. Co., 115 Chestnut St., Phila., Pa.

3537. MACHINE KEYS.
Billings & Spencer Co., Hartford, Conn.
Dickson Mfg. Co., Scranton, Pa.
Hoopes & Townsend, 1330 Buttonwood St., Phila., Pa.
Meyer & Co., Throopsville, N. Y.
Morton Mfg. Co., Muskegon Heights, Mich.
Standard Tool Co., Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

3538. MACHINE NAME PLATES.
Geo. M. Ness, Jr., 61 Fulton St., New York.

3539. MACHINISTS' SUPPLIES.
Fairbanks Co., 311 Broadway, New York.

3540. MALT.
Beadleston & Woerz, Inc., 291 W. 10th St., New York.
Geo. Bullen & Co., Inc., 332 Illinois St., Chicago, Ill.
Busch & Son, Hastings, Minn.
Centennial Brewing Co., Butte City, Mont.
Wm. H. Dole, 44 Pearl St., New York.
Dole Bros. Co., Boston, Mass.
Engesser Brewing Co., St. Peter, Minn.
H. Ferneding & Son, Dayton, O.
Wm. Gerlach & Co., Milwaukee, Wis.
John Gund Brewing Co., La Crosse, Wis.
Hastings Malting Co., Hastings, Minn.
John Hauenstein Brewing Co., New Ulm, Minn.
Hauser & Sons Malting Co., St. Paul, Minn.
Indianapolis Hominy Mills, Indianapolis, Ind.
John M. Moser, 95 Broad St., New York.
S. K. Nester, Geneva, N. Y.
Pabst Brewing Co., Milwaukee, Wis.
M. H. Pettit Malting Co., Kenosha, Wis.
Schaefer & Bros., Buffalo, N. Y.

3541. MARBLE CUTTERS' CEMENT.
Chamberlin & Johnson, Allegheny, Pa.

3542. MARBLE DUST.
W. H. Hutchinson & Son, Inc., 196 S. Desplaines St., Chic., Ill.
J. B. King & Co., 24 State St., New York.
E. A. Rand & Son, North Adams, Mass.
Sherman & Flavin, 2505 State St., Chicago, Ill.
Western Chemical Co., Denver, Col.
John C. Wiarda & Co., 273 Greene St., Brooklyn, N. Y.

3543. MARKING POTS.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y

3544. MAST HOOPS.
J. A. Dunbuar Mfg. Co., Northville, Mich.
C. W. Hunt Co., 45 Broadway, New York.
New York Boat Oar Co., 69 West St., New York.
Calvin P. H. Vary, Newark, N. J.

3545. MATCH WOOD.
A. W. Clark, Menominee, Mich.

3546. MEASURING RODS, EXTENSION.
Westcott-Jewell Co., Seneca Falls, N. Y.

3547. MEAT CURING SYRUP.
M. Hammerschlag, 65 Dey St., New York.

3548. MELTING POTS.
Byram & Co., Detroit, Mich.

3549. METALLIC BANDS & HOOPS.

A. GALVANIZED BANDS & HOOPS Wm. Clark Sons Co., Pittsburg, Pa.

B. STEEL BANDS & HOOPS. Andrews Bros. Co., Youngstown, O.
Wm. Clark Sons Co., Pittsburg, Pa.

3550. METALLIC COMB BACKS.
Matthews & Willard Co., Waterbury, Conn.

3551. METALLIC DISKS.
Avery Stamping Co., Cleveland, O.

3552. METALLIC KEGS.
W. J. Clark Co., Salem, O.

3553. METALLIC SPOUTINGS.
Gara, McGinley & Co., 23 S. 17th St., Philadelphia, Pa.

3554. METALLIC TRIMMINGS FOR GLASS.
Wheeling Metal Co., Wheeling, W. Va.

3555. METALLIC TUBS.
W. J. Clark Co., Salem, O.

3556. MICA.
A. G. Brauer, St. Louis, Mo.
Eugene Munsell & Co., 218 Water St., New York.
J. S. & M. Peckham Co., Utica, N. Y.
A. O. Schoonmaker, 158 William St., New York.

A. COARSE GROUND MICA. Muralo Co., New Brighton, N. Y.

B. MICA SCHIST. J. W. Paxson Co., Pier 45, North, Philadelphia, Pa.

C. SIZED MICA POWDER. Muralo Co., New Brighton, N. Y.

3557. MILL COGS.
N. P. Bowsher Co., South Bend, Ind.

3558. MILLINERY.

A. ARTIFICIAL FEATHERS.
Blumenthal & Stiner, 686 Broadway, New York.
Goldberg Feather & Flower Mfg.Co.,375Maxwell St.,Chic.,Ill.
David Henly's Sons, 831 Arch St., Philadelphia, Pa.
R. Lindheim, 652 Broadway, New York.
Charles Siebert, 523 Broome St., New York.
Albert Stein & Co., 581 Broadway, New York.
Thos. H. Wood & Co., 644 Broadway, New York.

B. BONNET FRAMES.
Benjamin Blumenthal, 2 Bond St., New York.
John W. Calver & Co., 727 Arch St., Philadelphia, Pa.
Gotthold & Co., 580 Broadway, New York.
Stadecker & Emsheimer, 585 Broadway, New York.
Star Bonnet Frame Co., 632 Broadway, New York.
Oscar E. A. Wiessner, 131 Bleecker St., New York.

C. HAT BODIES.
A. E. Mallory & Sons, Danbury, Conn.

D. HAT FRAMES.
Benjamin Blumenthal, 2 Bond St., New York.
John W. Calver & Co., 727 Arch St., Philadelphia, Pa.
John Gill, Orange, N. J.
Gotthold & Co., 580 Broadway, New York.
Stadecker & Emsheimer, 585 Broadway, New York.
Star Bonnet Frame Co., 632 Broadway, New York.
Velleman & Co., 4 Bond St., New York.
Oscar E. A. Wiessner, 131 Bleecker St., New York.

E. MILLINERY FEATHERS.
Jennie & Lizzie Baxter, 731 Arch St., Philadelphia, Pa.
Blumenthal & Stiner, 686 Broadway, New York.
David Henly's Sons, 831 Arch St., Philadelphia, Pa.
R. Lindheim, 652 Broadway, New York.
E. Moch & Co., 719 Broadway, New York.
Newman Feather Co., 7 Great Jones St., New York.
Patent Feather Trimming Co., 230 W. 30th St., New York.
Chas. R. Sejalon, 637 Broadway, New York.
Albert Stein & Co., 644 Broadway, New York.
Thos. H. Wood & Co., 649 Broadway, New York.
Wurzburger & Hecht, 605 Broadway, New York.

F. MILLINERY FLOWERS.
F. Bianchi & Co., 657 Broadway, New York.
Blumenthal & Stiner, 686 Broadway, New York.
Botanical Decorating Co., 271 Wabash Av., Chicago, Ill.
Cassagne & Vieu, 3 W. 3d St., New York.
Goldbaum Bros. & Raike, 58 Bleecker St., New York.
Goldberg Feather & Flower Mfg.Co.,375Maxwell St.,Chic.,Ill.
R. Lindheim, 652 Broadway, New York.
Selegman & Bercowitz, 36 E. Houston St., New York.
Albert Stein & Co., 644 Broadway, New York.
Worthington, Smith & Co., 33 E. 17th St., New York.
Wurzburger & Hecht, 695 Broadway, New York.

G. MILLINERY NOVELTIES.
A. Baeder & Co., 436 Broome St., New York.
Eagle Novelty Works, 137 Elm St., New York.

H. MILLINERY ORNAMENTS.
A. Baeder & Co., 436 Broome St., New York.
J. A. Dalrymple & Co., Haverhill, Mass.
Loeb, Lipper & Co., 319 N. Darien St., Phila., Pa.
Veit, Son & Co., 627 Broadway, New York.

3559. MILLSTONES.
Bradford Mill Co., Cincinnati, O.
Leonard D. Harrison, New Haven, Conn.
Munson Bros. Co., Utica, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
John T. Noye Mfg. Co., Buffalo, N. Y.
B. F. Starr & Co., Baltimore, Md.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

A. BUHR MILLSTONES.
Samuel Carey, 17 Broadway, New York.
Munson Bros. Co., Utica, N. Y.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.

B. MILLSTONE FIXTURES.
Samuel Carey, 17 Broadway, New York.
John T. Noye Mfg. Co., Buffalo, N. Y.

3560. MITRE FASTENERS.
Pratt & Letchworth, Buffalo, N. Y.

3561. MOLASSES CAN TIN TOPS.
Ohio Lantern Co., Tiffin, O.

3562. MOULDINGS.

A. BRASS MOULDINGS.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph & Clowes, Waterbury, Conn.

B. BRONZE MOULDINGS.
Schaber, Reinthal & Co., Cleveland, O.
Toledo Moulding Co., Toledo, O.

C. FRAME MOULDINGS.
Baxter Moulding Co., St. Louis, Mo.
Alexander Ceppi & Co., Boston, Mass.
J. W. Gillis Co., Rochester, N. Y.

Grand Rapids Carved Moulding Co., 63 Market St., N. Y.
Hargreaves Mfg. Co., Detroit, Mich.
F. W. Lincoln & Co., 40 Cortlandt St., New York.
Lippe Gold Frame Mfg. Co., New York.
Reuhl Moulding Mfg. Co., Cincinnati, O.
August F. Richter, 42 Huron St., Chicago, Ill.
A. Roberson & Son, Binghamton, N. Y. *27
Taber-Prang Art Co., Springfield, Mass.
Toledo Moulding Co., Toledo, O.
U. S. Frame & Picture Co., 3 Barclay St., New York.
J. R. Webber Moulding Co., St. Louis, Mo.

D. GILT MOULDINGS.
Joseph Klicka, 114 S. Jefferson St., Chicago, Ill.
Lippe Gold Frame Mfg. Co., New York.
August F. Richter, 42 Huron St., Chicago, Ill.
Schaber, Reinthal & Co., Cleveland, O.
Toledo Moulding Co., Toledo, O.

E. PIANO MOULDINGS.
Randolph & Clowes, Waterbury, Conn.

F. SILVER MOULDINGS.
C. Clowes & Co., New Haven, Conn.

3563. MOUTH SHIELDS.
Oscar McCullen, Richmond, Va.

3564. MUCILAGE CAPS.
Brass Goods Mfg. Co., 254 State St., Brooklyn, N. Y.

3565. MUCILAGE POTS, ALUMINUM.
Pratt Mfg. Co., 167 Wooster St., New York.

3566. MUFFLES, CLAY.
Denver Fire Clay Co., 1742 Champa St., Denver, Col.

3567. MUSICAL INSTRUMENT TRIMMINGS.
Fred. Gretsch, 104 S. 4th St., Brooklyn, N. Y.

3568. NAVAL STORES.
Fred. W. Blossom, 124 Water St., New York.
John A. Casey Co., 144 Maiden Lane, New York.
De Grauw, Aymar & Co., 34 South St., New York.
Paterson, Downing & Co., 133 Front St., New York.
S. P. Shotter Co., Savannah, Ga.

A. OAKUM.
Henry L. Alden, Camden, Me.
Gorham F. Bassett, New York.
W. O. Davey & Sons, Jersey City, N. J.
De Grauw, Aymar & Co., 34 South St., New York.
Lawrence Cordage Co., 46 South St., New York.
W. G. F. Stover, 47 South St., New York.
Geo. Stratford Oakum Co., Jersey City, N. J.
Tibbale & Co., Cobalt, Conn.
Travers Bros. Co., 107 Duane St., New York.

B. ROSIN.
Downing Co., Brunswick, Ga.
D. J. Ogilvy, Cincinnati, O.
S. P. Shotter Co., Savannah, Ga.
H. F. Watson Co., Erie, Pa.

C. ROSIN OIL.
D. J. Ogilvy, Cincinnati, O.
S. P. Shotter Co., Savannah, Ga.

D. TAR.
S. P. Shotter Co., Savannah, Ga.

E. TURPENTINE.
H. Baker, Allapaha, Ga.
Fred. W. Blossom, 124 Water St., New York.
John A. Casey Co., 144 Maiden Lane, New York.
Downing Co., Brunswick, Ga.
S. P. Shotter Co., Savannah, Ga.

3569. NECKTIE SUPPLIES.
E. Damon & Co., Reading, Mass.
Wm. H. Hart, Jr., 246 Chestnut St., Philadelphia, Pa.

A. SCARF NEEDLES.
H. A. Williams Mfg. Co., Taunton, Mass.

3570. NOILS.
W. T. Tilden, 254 N. Front St., Philadelphia, Pa.

3571. OILERS, MACHINE.
Bridgeport Brass Co., Bridgeport, Conn.
Consolidated Fruit Jar Co., 49 Warren St., New York.
Detroit Lubricator Co., Detroit, Mich.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Gould-Mersereau Co., 259 Canal St., New York.
Hero Fruit Jar Co., Gaul & Adams Sts., Philadelphia, Pa.
Level Flow Oiler Mfg. Co., Akron, O.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Edward Miller & Co., Meriden, Conn.
Nason Mfg. Co., 71 Beekman St., New York.
Tower & Lyon, 95 Chambers St., New York.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

A. BRASS OILERS.
Detroit Lubricator Co., Detroit, Mich.
Draper, Williams Mfg. Co., Boston, Mass.

B. ENGINEERS' OIL CANS.
Manhattan Brass Co., 338 E. 28th St., New York.
Nason Mfg. Co., 71 Beekman St., New York.
Swain Lubricator Co., New York.

C. LOOSE PULLEY OILERS.
E. W. Vanduzen Co., Cincinnati, O.

D. MACHINISTS' OIL CANS.
Manhattan Brass Co., 338 E. 28th St., New York.
Nason Mfg. Co., 71 Beekman St., New York.
Swain Lubricating Co., 121 Liberty St., New York.

E. MALLEABLE IRON OILERS. Tower & Lyon, 95 Chambers St., New York.
F. MILL OILERS. American Supply Co., Providence, R. I.
Detroit Lubricator Co., Detroit, Mich.
Deverall Perfection Mfg. Co., 38 Bridge St., Brooklyn, N. Y.
Iron Clad Mfg. Co., 22 Cliff St., New York.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
G. OILING SETS. Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
H. POCKET OILERS. Cushman & Denison, 174 9th Av., New York.
I. RAILROAD OILERS. Detroit Lubricator Co., Detroit, Mich.
Deverall Perfection Mfg. Co., 38 Bridge St., Brooklyn, N.Y.
J. E. Lonergan & Co., 211 Race St., Philadelphia, Pa.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
J. SIPHON OILERS. Draper, Williams Mfg. Co., 1 Hawley St., Boston, Mass.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
K. STEEL OILERS. Draper, Williams Co., 1 Hawley St., Boston, Mass.
McClintock & Irvine, South Av. & Snowden St., Allegheny, Pa.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
L. WAGON WHEEL OILERS. D. H. Bausman, Bausman, Pa.

3572. OIL FILTERS. James Bonar & Co., Carnegie Bldg., Pittsburg, Pa.
Burt Mfg. Co., Akron, O.
J. E. Lonergan, 211 Race St., Philadelphia, Pa.
Q. & C. Co., 700 Western Union Bldg., Chicago, Ill.

3573. OILY WASTE CANS. W. J. Clark Co., Salem, O.

3575. OINTMENT POT TOPS.
Wheeling Hinge Co., Wheeling, W. Va.

3576. OPEN LINKS. Wheeling Hinge Co., Wheeling, W. Va.

3577. PACKING. Boston Belting Co., Boston, Mass.
Randolph Brandt, 38 Cortlandt St., New York.
Fairbanks Co., 311 Broadway, New York.
Garlock Packing Co., Palmyra, N. Y.
James Glanding Co., 1907 N. 6th St., Philadelphia, Pa.
B. F. Goodrich Co., Akron, O.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.
A. ASBESTO-METALLIC PACKING. H. W. Johns Mfg. Co., 100 William St., New York.
B. ASBESTOS PACKING. Asbestos Felting Works, 79 Maiden Lane, New York.
Cornell Asbestos Co., Pittsburg, Pa.
H. W. Johns Mfg. Co., 100 William St., New York.
Jas. L. Robertson & Sons, 204 Fulton St., New York.
Standard Asbestos Mfg. Co., Ltd., Franklin, Pa.
H. F. Watson Co., Erie, Pa.
C. CLOTH INSERTION PACKING. Empire Rubber Mfg. Co., Trenton, N. J.
D. COTTON PACKING. Randolph Brandt, 38 Cortlandt St., New York.
Massasoit Mfg. Co., 56 Leonard St., New York.
Jas. L. Robertson & Sons, 204 Fulton St., New York.
E. ENGINE PACKING. Boston Belting Co., 256 Devonshire St., Boston, Mass.
Randolph Brandt, 38 Cortlandt St., New York.
A. W. Chesterton & Co., 49 India St., Boston, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
Garlock Packing Co., Palmyra, N. Y.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.
Jas. L. Robertson & Sons, 204 Fulton St., New York.
F. FLAG PACKING. Barbour Flax Spinning Co., Paterson, N. J.
Randolph Brandt, 38 Cortlandt St., New York.
G. FRICTION BOARDS, LEAKAGE PREVENTING. E. H. Davay & Co., Bloomfield, N. J.
H. GUM PACKING. Randolph Brandt, 38 Cortlandt St., New York.
Canfield Mfg. Co., Ltd., N. Franklin & Vine Sts., Phila., Pa.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
James Glanding Co., 1907 N. 6th St., Philadelphia, Pa.
Trenton Rubber Co., Trenton, N. J.
I. HEMP PACKING. Randolph Brandt, 38 Cortlandt St., New York.
Jacobs Cordage Co., 646 Carr St., Cincinnati, O.
Lawrence Cordage Works, 46 South St., New York.
Livermore Fdry. & Mach. Co., Memphis, Tenn.
Union Selling Co., Distributors, 287 Broadway, New York.
Randolph Brandt, 38 Cortlandt St., New York.
J. HYDRAULIC PACKING. Garlock Packing Co., Palmyra, N. Y.
McClintock & Irvine, Allegheny, Pa.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
K. ICE MACHINE PACKING. Randolph Brandt, 38 Cortlandt St., New York.
Garlock Packing Co., Palmyra, N. Y.
L. LOCOMOTIVE PACKING. Silver Lake Co., Boston, Mass.
Jas. Smith Woolen Machinery Co., 411 Race St., Phila., Pa.
M. METALLIC PACKING. Common Sense Met. Packing Co., 393 Pearl St., New York.

Dickson Mfg. Co., Scranton, Pa.
Garlock Packing Co., Palmyra, N. Y.
Todd Mfg. Co., New Albany, Ind.
U. S. Metallic Packing Co., 427 N. 13th St., Philadelphia, Pa.

N. PAPER FERRULE PACKING. T. P. Ford, 195 Fulton St., New York.

O. PISTON PACKING. Boston Belting Co., Boston, Mass.
Randolph Brandt, 38 Cortlandt St., New York.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Dickson Mfg. Co., Scranton, Pa.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Wm. A. Harris, Steam Engine Co., Providence, R. I.
Home Rubber Co., Trenton, N. J.
H. W. Johns Mfg. Co., 100 William St., New York.
Meyers & Co., Greenpoint, N. Y.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Pl., New York.
Trenton Rubber Co., Trenton, N. J.
Walter A. Zelnicker, St. Louis, Mo.

P PLUMBAGO PACKING. Boston Belting Co., Boston, Mass.
Empire Rubber Mfg. Co., Trenton, N. J.
Greene, Tweed & Co., 17 Murray St., New York.
Home Rubber Co., Trenton, N. J.
Trenton Rubber Co., Trenton, N. J.

Q. PURE RUBBER PACKING. Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Empire Rubber Mfg. Co., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Livermore Foundry & Mach. Co., Memphis, Tenn.

R. RING PACKING. Boston Belting Co., Boston, Mass.
Randolph Brandt, 38 Cortlandt St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Garlock Packing Co., Palmyra, N. Y.
Goodyear Rubber Co., 787 Broadway, New York.

S. ROD PACKING. American Steam Packing Co., Boston, Mass.
Boston Belting Co., Boston, Mass.
Randolph Brandt, 38 Cortlandt St., New York.
Connell Asbestos Co., Pittsburg, Pa.
Garlock Packing Co., Palmyra, N. Y.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Hoyt Metal Co., St. Louis, Mo.
Jenkins Bros., 71 John St., New York.
H. W. Johns Mfg. Co., 100 William St., New York.
Revere Rubber Co., Boston, Mass.
U. S. Metallic Packing Co., 427 N. 13th St., Phila., Pa.

T. RUBBER BACK PACKING. Boston Belting Co., Boston, Mass.

U. RUBBER PACKING. American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., Boston, Mass.
Boston Woven Hose Rubber Co., Cambridgeport, Mass.
Randolph Brandt, 38 Cortlandt St., New York.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Combination Roll & Rubber Co., 38 Park Row, New York.
Empire Rubber Mfg. Co., Trenton, N. J.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
Jenkins Bros., 71 John St., New York.
Mechanical Rubber Co., 22 Murray St., New York.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 25 Park Row, New York.
New York Rubber Co., 84 Reade St., New York.
Trenton Rubber Co., Trenton, N. J.
United Rubber Co., Trenton, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

V. SELF VULCANIZING PACKING. Boston Belting Co., Boston, Mass.
Jenkins Bros., 71 John St., New York.

W. SHEET PACKING. Boston Belting Co., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Empire Rubber Mfg. Co., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Ireson Rubber Co., 97 High St., Boston, Mass.
Jenkins Bros., 71 John St., New York.
H. W. Johns Mfg. Co., 100 William St., New York.
John A. McConnell & Co., Pittsburg, Pa.
New York Belting & Packing Co., 25 Park Pl., New York.
Revere Rubber Co., 63 Franklin St., Boston, Mass.

X. SOAPSTONE PACKING. Silver Lake Co., Newtonville, Mass.

Y. SPIRAL PACKING.	Randolph Brandt, 38 Cortlandt St., New York.
	Delaney Oil & Lubricant Co., Milwaukee, Wis.
Z. STEAM PACKING.	T. B. Bickerton, 23 N. 6th St., Philadelphia, Pa.
	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Randolph Brandt, 38 Cortlandt St., New York.
	Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
	Empire Rubber Mfg. Co., Trenton, N. J.
	Garlock Packing Co., Palmyra, N. Y.
	Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
	Jenkins Bros., 71 John St., New York.
	H. W. Johns Mfg. Co., 100 William St., New York.
	McClintock & Irvine, Allegheny, Pa.
	John H. McGowan Co., Cincinnati, O.
	Mercer Rubber Co., Trenton, N. J.
	New York Belting & Packing Co., 25 Park Pl., New York.
	James L. Robertson & Son, 204 Fulton St., New York.
	Silver Lake Co., Newtonville, Mass.
	James Smith & Co., Inc., 411 Race St., Philadelphia, Pa.
	Jas. Smith Woolen Mach. Co., 411 Race St., Phila., Pa.
	Traun Rubber Co., 335 Broadway, New York.
	Trenton Rubber Co., Trenton, N. J.
	U. S. Metallic Packing Co., 427 N. 13th St., Phila., Pa.
AA. VULCABESTON PACKING.	Fairbanks Co., 311 Broadway, New York.
BB. VULCANIZED FIBRE PACKING.	Vulcanized Fibre Co., Wilmington, Del.
CC. WIRE ROPE PACKING.	Boston Belting Co., 256 Devonshire St., Boston, Mass.
	Empire Rubber Mfg. Co., Trenton, N. J.
	Home Rubber Co., Trenton, N. J.
	N. J. Car Spring & Rubber Co., Jersey City, N. J.
DD. WOOLEN PACKING.	Southern Waste Works, 922 S. 16th St., Phila., Pa.
3578. PAIL SUPPLIES.	
A. PAIL EARS.	Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
	Forsyth Mfg. Co., Buffalo, N. Y.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Troy Stamping Works, Troy, N. Y.
B. PAIL HOOPS.	Wm. Clark Sons Co., Pittsburg, Pa.
C. PAIL WOOD.	Baker-McMillan Co., Akron, O.
D. SAP PAIL LOOPS.	American Buckle Co., West Haven, Conn.
	Record Mfg. Co., Conneaut, O.
3579. PAINTERS' SUPPLIES.	
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
	E. B. Estes & Sons, 45 John St., New York.
	W. C. Peale & Bro., Cincinnati, O.
	Reilley Bros., 322 W. 41st St., New York.
	J. Russell & Co., 37 Reade St., New York.
	C. A. Woolsey Paint & Color Co., Jersey City, N. J.
A. KNIFE EDGE POTS.	Reilley Bros., 322 W. 41st St., New York.
B. PAINTERS' CHARCOAL BURNERS.	Reilley Bros., 322 W. 41st St., New York.
C. PAINTERS' CUPS.	Reilley Bros., 322 W. 41st St., New York.
D. PAINTERS' OIL TANKS.	Reilley Bros., 322 W. 41st St., New York.
E. PAINTERS' PAILS.	Reilley Bros., 322 W. 41st St., New York.
F. PAINTERS' POTS.	Reilley Bros., 322 W. 41st St., New York.
G. RELIEF PRINTING BULBS.	Muralo Co., New Brighton, N. Y.
H. WIDE GOODS FOR PAINTING.	Henrietta Mills, Henrietta, N. C.
3580. PANS.	
A. DRY GRINDING PANS.	Stevenson & Co., Wellsville, O.
B. GALVANIZING PANS.	Riter-Conly Co., Pittsburg, Pa.
C. SHEET IRON PANS.	Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y
	John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
D. SHOP PANS.	Kilbourne & Jacobs Mfg. Co., Columbus. O.
3581. PAPER-BACKED FOIL.	
	J. Conley & Son, 2 Dominick St., New York.
3582. PAPERHANGERS' BOARDS & TABLES.	
	Reilley Bros., 322 W. 41st St., New York.
3583. PAPER MANUFACTURERS' SUPPLIES.	
A. CHEMICAL FIBRE.	Alpena Sulphite Fibre Co., Alpena, Mich.
	Atlas Paper Co., Appleton, Wis.
	Burgess Sulphite Fibre Co., Berlin, N. H.
	Carthage Sulphite Pulp Co., Carthage, N. Y.
	Combined Lock Paper Co., Combined Lock, Wis.
	Cushnoc Paper Co., Augusta, Me.
	Detroit Sulphite Fibre Co., Detroit, Mich.
	Duncan Co., Mechanicsville, N. Y.
	Eastern Mfg. Co., Bangor, Me.

Geo. H. Friend Paper & Tablet Co., West Carrollton, O.
Hudson River Wood Pulp Mfg. Co., Brown Station, N. Y.
Jessup & Moore Paper Co., 28 S. 6th St., Phila., Pa.
Katahdin Pulp & Paper Co., Lincoln, Me.
Kaukauna Fibre Co., Kaukauna, Wis.
Nekoasa Paper Co., Nekoasa, Wis.
New York & Pennsylvania Co., Lock Haven, Pa.
Orono Pulp & Paper Co., Bangor, Me.
Remington Paper Co., Watertown, N. Y.
Richards Paper Co., Gardiner, Me.
J. & J. Rogers Co., Ansable Forks, N. Y.
Wm. Russell & Son, Boston, Mass.
Somerset Fibre Co., Fairfield, Me.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
George West, Ballston Spa, N. Y.
Wilkinson Bros. & Co., 419 Broome St., New York.

B. PAPER CLAY.
Richard McNamee & Co., 234 Broadway, New York.
Star Clay Co., Ltd., Mertztown, Pa.
C. K. Williams & Co., Easton, Pa.

C. PAPER FILLER.
Solvay Process Co., Syracuse, N. Y.
C. K. Williams & Co., Easton, Pa.

D. PAPER MILL STARCH.
Argo Starch Mfg. Co., Nebraska City, Neb.

E. PAPER SIZING.
N. H. Brown, Peabody, Mass.

F. PAPER STOCK.
Advance Gin & Mill Co., Vicksburg, Miss.
Cable Flax Mills, Schaghticoke, N. Y.
P. C. Cheney Co., Manchester, N. H.
Norwood Engineering Co., Florence, Mass.
Olmsted & Tuttle Co., Chicopee, Mass.
Perkins, Goodwin & Co., 66 Duane St., New York.
Riverside Mills, Augusta, Ga.
Tompkins Paper Stock Co., Albany, N. Y.
Train, Smith & Co., Boston, Mass.

G. STRAW PULP.
American Pulp Co., Providence, R. I.
Ohio Paper Co., Miamisburg, O.

WOOD PULP.
Androscoggin Pulp Co., Portland, Me.
Appleton Paper & Pulp Co., Appleton, Wis.
Atlas Paper Co., Neenah, Wis.
Badger Paper Co., Kaukauna, Wis.
Bayless Pulp & Paper Co., Binghamton, N. Y.
Bennington Falls Wood Pulp Co., Middle Falls, N. Y.
Berlin Mills Co., Portland, Me.
Birkett Bros., Petoskey, Mich.
Brown Bros., Comstock's Bridge, Conn.
Burgess Sulphite Fibre Co., Berlin, N. H.
Centralia Pulp & Water Power Co., Centralia, Wis.
P. C. Cheney Co., Manchester, N. H.
Cleveland Paper Co., Cleveland, O.
Cliff Paper Co., Niagara Falls, N. Y.
Columbia River Paper Co., La Comas, Wash.
Combined Lock Paper Co., Combined Lock, Wis.
Cornwell Bros., Ann Harbor, Mich.
Crescent Paper Co., Troy, N. Y.
Cushnoc Paper Co., Augusta, Me.
Dells Paper & Pulp Co., Eau Claire, Wis.
Everett Pulp & Paper Co., New York.
Fox River Paper Co., Appleton, Wis.
Fox River Paper Supply Co., Appleton, Wis.
Freydenburg Falls Pulp Co., Plattsburg, N. Y.
G. H. P. Gould, Lyon Falls, N. Y.
Gouverneur Wood Pulp Co., Gouverneur, N. Y.
Hudson River Wood Pulp Mfg. Co., 99 Cedar St., N. Y.
Island Paper & Pulp Mills, Syracuse, N. Y.
Kennebec Mat & Duster Co., Waterville, Me.
Kimberly & Clark Co., Neenah, Wis.
Lockport Pulp Co., Lockport, N. Y.
John A. Manning, Troy, N. Y.
Manning & Paine, Troy, N. Y.
Manning & Peckham, Troy, N. Y.
Marietta Paper Mfg. Co., Marietta, Ga.
Marinette & Menomonee Paper Co., Marinette, Wis.
Marion Pulp Co., Marion, Ind.
Marshall Paper Co., Appleton, Wis.
Mason-Perkins Paper Co., Bristol, N. H.
Nekoasa Paper Co., Nekoasa, Wis.
New York & Pennsylvania Co., 41 Park Row, New York.
Ohio Pulp Co., Grand Rapids, O.

Orono Pulp & Paper Co., Bangor, Me.
Orrs & Co., Troy, N. Y.
Oswego Falls Pulp & Paper Co., Fulton, N. Y.
Patten Paper Co., Ltd., Appleton, Wis.
Perkins, Goodwin & Co., 66 Duane St., New York.
Piedmont Pulp & Paper Co., New York.
Jas. Ramage Paper Co., Monroe Bridge, Mass.
Remington Paper Co., Watertown, N. Y.
Richards Paper Co., Gardiner, Me.
Sault Ste. Marie Pulp & Paper Co., Crozer Bldg., Phila., Pa.
South Bend Pulp Co., South Bend, Ind.
Spaulding Bros., West Derby, Vt.
Standard Pulp Co., 82 Walker St., New York.
Taggart Bros. Co., Watertown, N. Y.
Telulah Paper Co., Neenah, Wis.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
Train, Smith & Co., 24 Federal St., Boston, Mass.
Treadwell's Mills Pulp & Paper Co., Troy, N. Y.
Turner's Falls Paper Co., Turner's Falls, Mass.
Union Pulp Co., Kaukauna, Wis.
George West, Ballston Spa, N. Y.
West Virginia Pulp & Paper Co., 309 Broadway, New York.
Wilder & Co., 220 Devonshire St., Boston, Mass.
Wisconsin Tissue Paper Co., Appleton, Wis.
Ypsilanti Paper Co., Ypsilanti, Mich.

3584. PAPER RULERS' SUPPLIES.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

3585. PARIS GREEN.
Adler Color & Chemical Works, 197 Pearl St., New York.
A. B. Ausbacher & Co., New York.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Fred. L. Lavanburg, 165 William St., New York.
Penchen & Co., North Tonawanda, N. Y.

3586. PARREL TRUCKS.
J. A. Dubnar Mfg. Co., Northville, Mich.

3587. PATTERN METALLIC FILLETS.
J. W. Paxson Co., 1056 Beach St., North, Philadelphia, Pa.

3588. PATTERNS.
Cleveland Ship Building Co., 120 Viaduct, Cleveland, O.
Hurlbut Co., Racine, Wis.
Lowell Model Co., Lowell, Mass.
Michigan Brick & Tile Machine Co., Morenci, Mich.
Henry A. Noble, 203 Dock St., Philadelphia, Pa.
Norwood Engineering Co., Florence, Mass.
Novelty Mfg. Co., Rock Island, Ill.
R. C. Paul & Sons, Cumberland, Md.
Stover Mfg. Co., Freeport, Ill.

A. METAL PATTERNS
Acme Malleable Iron Works, Buffalo, N. Y.
Chicago Model Works, 181 E. Madison St., Chicago, Ill.
Forest City Brass Works, Cleveland, O.
John T. Rowland, Racine, Wis.
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, O.
E. A. Williams & Son, Jersey City, N. J.

B. STOVE PATTERNS.
G. W. Cope Pattern Works, Detroit, Mich.
Excelsior Stove Pattern Co., Detroit, Mich.
Gobeille Pattern Co., Cleveland, O.
Harris Stove Pattern & Mach. Co., Hamilton, O.

3589. PAVING PITCH.
Armitage Mfg. Co., Richmond, Va.
Barrett Mfg. Co., 290 Broadway, New York.
Philip Carey Mfg. Co., Lockwood, O.
Tide Water Oil Co., 12 Broadway, New York.

3590. PERFORATED METAL SCREENS.
A. J. Beckley & Co., Garwood, N. J.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Harrington & King Perf. Co., 224 N. Union St., Chicoga, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

3591. PHOTOGRAPHIC APPARATUS.
Gundlach Optical Co., Rochester, N. Y.
James H. Smith & Co., 311 Wabash Av., Chicago, Ill.
Williams, Brown & Earle, 918 Chestnut St., Philadelphia, Pa.

A. ANIMATED PHOTOGRAPH MACHINES.
F. L. Wilard, 198 Lexington Av., Brooklyn, N. Y.

B. CAMERA CLAMPS.
Folmer & Schwing Mfg. Co., 271 Canal St., New York.

C. CAMERAS.
Jonas A. Anderson, 63 Indiana St., Chicago, Ill.
Blair Camera Co., Boston, Mass.
Eastman Kodak Co., Rochester, N. Y.
Folmer & Schwing Mfg. Co., 271 Canal St., New York.
G. Gennert, 24 E. 13th St., New York.

	Imperial Camera Co., Grand Rapids, Mich.
	Rochester Optical Co., Rochester, N. Y.
	Scoville Mfg. Co., Waterbury, Conn.
	E. W. Sweigard, 56 S. Curtis St., Chicago, Ill.
D. CAMERA STANDS.	Jonas A. Anderson, 63 Indiana St., Chicago, Ill.
	Folmer & Schwing Mfg. Co., 271 Canal St., New York.
	G. Gennert, 24 E. 13th St., New York.
	Rochester Optical Co., Rochester, N. Y.
	E. W. Sweigard, 56 S. Curtis St., Chicago, Ill.
E. DETECTIVE CAMERAS.	Blair Camera Co., Boston, Mass.
	Eastman Kodak Co., Rochester, N. Y.
	G. Gennert, 24 E. 13th St., New York.
F. DRY PLATE HOLDERS.	Blair Camera Co., Boston, Mass.
	Folmer & Schwing Mfg. Co., 271 Canal St., New York.
	G. Gennert, 24 E. 13th St., New York.
	Scovill Mfg. Co., Waterbury, Conn.
G. ENLARGING APPARATUS.	Eastman Kodak Co., Rochester, N. Y.
	G. Gennert, 24 E. 13th St., New York.
	Scovill Mfg. Co., Waterbury, Conn.
H. LANTERNS, DRY PLATE.	John Carbutt, Wayne Junction, Philadelphia, Pa.
	Folmer & Schwing Mfg. Co., 271 Canal St., New York.
	G. Gennert, 24 E. 13th St., New York.
	Prosch Mfg. Co., 389 Broome St., New York.
	H. G. Ramsperger & Co., 180 Pearl St., New York.
	Rochester Optical Co., Rochester, N. Y.
	Scovill Mfg. Co., Waterbury, Conn.
I. LANTERN TRANSPARENCY PLATES.	John Carbutt, Wayne Junction, Philadelphia, Pa.
J. PHOTO ENGRAVERS' CONTACT FRAMES.	E. W. Sweigard, 56 S. Curtis St., Chicago, Ill.
K. PHOTOGRAPHIC LENSES.	Barker & Starbird, Boston, Mass.
	Bausch & Lomb Optical Co., Rochester, N. Y.
	G. Gennert, 24 E. 13th St., New York.
	R. D. Gray, 54 W. 100th St., New York.
	Wm. T. Gregg, 104 Fulton St., New York.
	Gundlach Optical Co., Rochester, N. Y.
L. PHOTOGRAPHIC OUTFITS, AMATEUR.	E. & H. T. Anthony & Co., 591 Broadway, New York.
	Blair Camera Co., Boston, Mass.
	W. F. Carlton, Rochester, N. Y.
	Eastman Kodak Co., Rochester, N. Y.
	G. Gennert, 24 E. 13th St., New York.
	E. I. Horsman, 512 Broadway, New York.
	Scovill Mfg. Co., Waterbury, Conn.
	Western Camera Mfg. Co., 131 Wabash Av., Chicago, Ill.
M. PHOTOGRAPHIC SHUTTERS.	Bausch & Lomb Optical Co., Rochester, N. Y.
	Prosch Mfg. Co., 389 Broome St., New York.
N. PHOTO PRINT CUTTERS.	Acme Burnisher Co., Fulton, N. Y.
	Humphrey Mfg. & Plating Co., Kalamazoo, Mich.
	S. G. Monce, Unionville, Conn.
O. PLATE CHANGING BOXES.	Folmer & Schwing Mfg. Co., 271 Canal St., New York.
P. POCKET RED LANTERNS.	R. E. Dietz Co., 60 Laight St., New York.
	G. Gennert, 24 E. 13th St., New York.
Q. PORTABLE DARK ROOMS.	Jonas A. Anderson, 63 Indiana St., Chicago, Ill.
	E. & H. T. Anthony & Co., 591 Broadway, New York.
R. ROLL HOLDERS.	Eastman Kodak Co., Rochester, N. Y.

3592. PHOTOGRAPHIC SUPPLIES.

	Blair Camera Co., Boston, Mass.
	W. P. Buchanan, 1226 Arch St., Philadelphia, Pa.
	Norton Bros., Inc., 813 Masonic Temple, Chicago, Ill.
	Rochester Optical Co., Rochester, N. Y.
	Scovill Mfg. Co., Waterbury, Conn.
A. BROMIDE PAPER.	Eastman Kodak Co., Rochester, N. Y.
	Nepera Chemical Co., Nepera Park, N. Y.
B. BRUSHES, PHOTOGRAPHERS'.	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
	G. Gennert, 24 E. 13th St., New York.
C. BURNISHERS, PHOTOGRAPH.	Acme Burnisher Co., Fulton, N. Y.
	Bangor Edge Tool Co., Bangor, Me.
	Wm. G. Entrekin, 4384 Main St., Philadelphia, Pa.
	Humphrey Mfg. & Plating Co., Kalamazoo, Mich.
D. COLORS, PHOTOGRAPHIC.	G. Gennert, 24 E. 13th St., New York.
E. COTTON, PHOTOGRAPHIC.	Charles Cooper & Co., 194 Worth St., New York.
	G. Gennert, 24 E. 13th St., New York.
F. DEVELOPING SOLUTIONS.	Hammer Dry Plate Co., St. Louis, Mo.
	M. A. Seed Dry Plate Co., St. Louis, Mo.
G. DRY PLATES.	Blair Camera Co., Boston, Mass.
	John Carbutt, Wayne Junction, Philadelphia, Pa.

		Charles Cooper & Co., 194 Worth St., New York.
		G. Cramer, St. Louis, Mo.
		Eastman Kodak Co., Rochester, N. Y.
		V. E. Forbes, Rochester, N. Y.
		Hammer Dry Plate Co., St. Louis, Mo.
		John Haworth, 641 Arch St., Philadelphia, Pa.
		New Tom Dry Plate Co., Guttenburg, N. J.
		Passavant Printing Co., San Francisco, Cal.
		Phenix Plate Co., Worcester, Mass.
		M. A. Seed Dry Plate Co., St. Louis, Mo.
		Standard Dry Plate Co., Lewiston, Me.
		Stanley Dry Plate Co., Newton, Mass.
		Wuestners Eagle Dry Plate Co., Jersey City, N. J.
H.	EIKONOGEN DEVELOPERS.	G. Cramer, St. Louis, Mo.
		G. Gennert, 24 E. 13th St., New York.
I.	FERROTYPE HOLDERS.	Worcester Envelope Co., Worcester, Mass.
J.	FERROTYPE PLATES.	G. Gennert, 24 E. 13th St., New York.
		Phenix Plate Co., Worcester, Mass.
K.	FILMS, ANIMATED PHOTOGRAPH.	Edison Phonograph Agency, 44 Broad St., New York.
		F. L. Willard, 198 Lexington Av., Brooklyn, N. Y.
L.	FILMS, FLEXIBLE NEGATIVE.	John Carbutt, Wayne Junction, Philadelphia, Pa.
M.	FILMS, PHOTOGRAPH.	E. & H. T. Anthony & Co., 591 Broadway, New York.
		Eastman Kodak Co., Rochester, N. Y.
N.	FLASH POWDER.	Charles Cooper & Co., 194 Worth St., New York.
		G. Gennert, 24 E. 13th St., New York.
		Thos. H. McCollin & Co., 1030 Arch St., Philadelphia, Pa.
O.	NEGATIVE PAPER.	Eastman Kodak Co., Rochester, N. Y.
P.	PASTE, PHOTOGRAPHERS'.	Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
		F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
		Diamond Paste Co., Albany, N. Y.
		S. S. Stafford, 605 Washington St., New York.
Q.	PHOTO BACKGROUNDS.	L. W. Seavey, Walton Av. c. E. 140th St., New York.
R.	PHOTOGRAPHIC STUDIO ACCESSORIES.	Rochester Optical Co., Rochester, N. Y.
		C. A. Schindler, West Hoboken, N. J.
		L. W. Seavey, Walton Av. c. E. 140th St., New York.
S.	PHOTOGRAPH MOUNTS.	A. M. Collins Mfg. Co., 527 Arch St., Philadelphia, Pa.
		G. Gennert, 24 E. 13th St., New York.
		S. Trier & Son, 546 Pearl St., New York.
		Whitmore Mfg. Co., Holyoke, Mass.
T.	PHOTOGRAPH PANELS.	Phenix Plate Co., Worcester, Mass.
U.	POSITIVE FILMS.	M. A. Seed Dry Plate Co., St. Louis, Mo.
V.	PYRO DEVELOPER.	G. Cramer, Shenandoah St., St. Louis, Mo.
		G. Gennert, 24 E. 13th St., New York.
W.	REGISTERS, PHOTOGRAPHERS'.	Maynard-Gough Co., Worcester, Mass.
X.	RUBBER GOODS, PHOTOGRAPHIC.	G. Gennert, 24 E. 13th St., New York.
		India Rubber Comb Co., 9 Mercer St., New York.
		Mechanical Rubber Co., 22 Murray St., New York.
Y.	SENSITIZED PAPER.	E. & H. T. Anthony & Co., 591 Broadway, New York.
		Barker & Starbird, Boston, Mass.
		Thos. H. McCollin & Co., 1030 Arch St., Philadelphia, Pa.
		John Haworth, 641 Arch St., Philadelphia, Pa.
		C. E. Hopkins, 119 Hancock St., Brooklyn, N. Y.
		Scovill & Adams Co., 62 E. 11th St., New York.
		Western Camera Mfg. Co., 131 Wabash Av., Chicago, Ill.
		Willis & Clements, 1624 Chestnut St., Philadelphia, Pa.
Z.	TISSUE PHOTOGRAPH ENCLOSURES.	Worcester Envelope Co., Worcester, Mass.
AA.	TONING SOLUTION.	G. Gennert, 24 E. 13th St., New York.
BB.	TRANSFEROTYPE PAPER.	Eastman Kodak Co., Rochester, N. Y.
		Chas. H. Wood & Co., 237 5th Av., Chicago, Ill.
CC.	TRAYS, PHOTOGRAPHERS'.	Crane Bros., Westfield, Mass.
		G. Gennert, 24 E. 13th St., New York.
		Jennings Bros., Fairfield, Conn.
DD.	VARNISH, PHOTOGRAPHIC.	Charles Cooper & Co., 194 Worth St., New York.
		Hammer Dry Plate Co., St. Louis, Mo.
3593.	PICK EYES.	Findlay Axe & Tool Co., Findlay, O.
3594.	PIPE DAMPERS.	Troy Nickel Works, Albany, N. Y.
3595.	PITCH.	W. H. H. Childs, 73 Maiden Lane, New York.
		C. S. Garrett & Son, 20 S. Marshall St., Philadelphia, Pa.
		S. P. Shotter Co., Savannah, Ga.
3596.	PLAQUE & PLATE HANGERS.	Reilley Bros., 322 W. 41st St., New York.
3597.	PLASTER OF PARIS.	Cincinnati Sewer Pipe Co., Cincinnati, O.
3598.	PLASTER RETARDER.	Arthur S. Hoyt, 90 W. Broadway, New York.

3599. PLATE IRON & STEEL WORK.

Lombard Iron Works & Supply Co., Augusta, Ga.
Phoenix Bridge Co., 410 Walnut St., Philadelphia, Pa.
Wm. B. Pollock & Co., Youngstown, O.
Whittier Machine Co., Boston, Mass.

3600. PLUMBAGO.

American Chemical Mfg. & Mining Co., Rochester, N. Y.
Joseph Dixon Crucible Co., Jersey City, N. J.
Ilsley, Doubleday & Co., 229 Front St., New York.
J. S. McCormick Co., Pittsburg, Pa.
McIlvaine Bros., N. 15th & Hamilton Sts., Phila., Pa.
S. Obermayer Co., Cincinnati, O.
J. W. Paxson Co., 1056 Beach St., North, Philadelphia, Pa.
Pettit Chemical Co., 256 Front St., New York.
Ross & Co., 1445 N. Marshall St., Philadelphia, Pa.
J. D. Smith Foundry Supply Co., Cincinnati, O.

3601. PLUMBERS' SUPPLIES.

Bridgeport Brass Co., Bridgeport, Conn.
Cahill, Swift & Co., St. Louis, Mo.
Jas. B. Clow & Sons, Inc., Lake & Franklin Sts., Chicago, Ill.
W. S. Cooper Brass Works, 442 N. 13th St., Philadelphia, Pa.
Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
John Davis Co., 69 Michigan St., Chicago, Ill.
Everhart Brass Works, Scranton, Pa.
Thos. Gibson Co., Cincinnati, O.
Haines, Jones & Cadbury Co., 1138 Ridge Av., Phila., Pa.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Janes & Kirtland, 110 Beekman St., New York.
Jefferson Bros. Works, Watertown, N. Y.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Mansfield Mfg. Co., Ltd., 57 1st Av., Pittsburg, Pa.
Mayor, Lane & Co., 130 White St., New York.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
McNab & Harlin Mfg. Co., Paterson, N. J.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.
N. O. Nelson Mfg. Co., St. Louis, Mo.
Owen & Salter, Buttonwood & 12th Sts., Philadelphia, Pa.
Peck Bros. & Co., New Haven, Conn.
Raymond Lead Co., 51 W. Lake St., Chicago, Ill.
Ronalds & Johnson Co., Hainesport, N. J.
Sanitary Supply Co., Battle Creek, Mich.
Standard Mfg. Co., Pittsburg, Pa.
Steel & Johnson Mfg. Co., Waterbury, Conn.
Vulcanized Fibre Co., Wilmington, Del.
Williams & Marvin, Deep River, Conn.
L. Wolff Mfg. Co., 93 W. Lake St., Chicago, Ill.

A. BASIN FITTINGS.

F. E. Cudell, Cleveland, O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
McCambridge Co., Ltd., 525 Cherry St., Philadelphia, Pa.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
H. Mueller Mfg. Co., Decatur, Ill.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
Novelty Iron Works, Sterling, Ill.
Peck Bros. & Co., New Haven, Conn.
Ohio Brass & Iron Mfg. Co., 1199 Franklin Av., Cleveland, O.
Standard Mfg. Co., Pittsburg, Pa.
Ira F. White & Son, 76 Park Pl., New York.

B. BASINS.

Haydenville Mfg. Co., 73 Beekman St., New York.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
Trenton Potteries Co., Trenton, N. J.

C. BASINS, COPPER PLUG.

John Trageser Steam Copper Wks., 447 W. 26th St., N. Y.

D. BASINS, ENAMELLED IRON.

Standard Mfg. Co., Pittsburg, Pa.

E. BATHS, HIP.

McCambridge & Co., Ltd., 523 Cherry St., Phila., Pa.
Standard Mfg. Co., Pittsburg, Pa.

F. BATHS, HIP, ENAMELLED.

Standard Mfg. Co., Pittsburg, Pa.

G. BATHS, HOSPITAL.

Standard Mfg. Co., Pittsburg, Pa.
John Trageser Steam Copper Wks., 447 W. 26th St., N. Y.

H. BATHS, NEEDLE.

Major, Lane & Co., 130 White St., New York.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.
Standard Mfg. Co., Pittsburg, Pa.

I. BATHS, RUSSIAN & TURKISH.

Major, Lane & Co., 130 White St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.

J. BATHS, SHOWER.

Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
Standard Mfg. Co., Pittsburg, Pa.

K. BATHS, SWIMMING.	J. L. Mott Iron Works, 90 Beekman St., New York.
L. BATH SUPPLY FITTINGS.	Dalton-Ingersoll Co., 169 High St., Boston, Mass.
	McCambridge & Co., Ltd., 523 Cherry St., Phila., Pa.
	Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	Peck Bros. & Co., New Haven, Conn.
	Standard Mfg. Co., Pittsburg, Pa.
M. BATH TUBS.	Wm. A. Davidson, 161 Vanburen St., Chicago, Ill.
	Day-Ward Co., Warren, O.
	Day Metallic Bath Tub Co., Detroit, Mich.
	E. J. Knowlton, Ann Arbor, Mich.
	Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	N. O. Nelson Mfg. Co., 8th & St. Charles Sts., St. Louis, Mo.
	Peck Bros. & Co., New Haven, Conn.
	Ronalds & Johnson Co., 54 Cliff St., New York.
	X. Stoutenborough, 277 Pearl St., New York.
N. BATH TUBS, COPPER.	Bay State Metal Works, Cambridgeport, Mass.
	Cahill, Swift & Co., 408 N. 4th St., St. Louis, Mo.
	Day-Ward Co., Warren, O.
	McCambridge & Co., Ltd., 523 Cherry St., Phila., Pa.
	Peck Bros. Co., New Haven, Conn.
	Ronalds & Johnson Co., 54 Cliff St., New York.
	Henry Steeger, 143 E. 31st St., New York.
	John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
O. BATH TUB SEATS.	Buffalo Specialty Mfg. Co., Buffalo, N. Y.
	N. O. Nelson Mfg. Co., St. Charles & 8th Sts., St. Louis, Mo.
	Standard Mfg. Co., Pittsburg, Pa.
P. BATH TUBS, ENAMELLED.	Buick & Sherwood Mfg. Co., Detroit, Mich.
	Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
	Day-Ward Co., Warren, O.
	Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
	McCambridge & Co., Ltd., 323 Cherry St., Phila., Pa.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	Standard Mfg. Co., Pittsburg, Pa.
	John Trageser Steam Copper Wks., 447 W. 26th St., N. Y.
	A. Weiskittle & Son, Baltimore, Md.
Q. BATH TUBS, INDURATED FIBRE.	John Cowmeadow Mfg. Co., Oswego, N. Y.
R. BATH TUBS, IRON.	Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	Standard Mfg. Co., Pittsburg, Pa.
S. BATH TUBS, LINENOID.	Crane Bros., Westfield, Mass.
T. BATH TUBS, PORCELAIN.	Thos. Gibson Co., 273 Walnut St., Cincinnati, O.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	Stewart & Peterson Co., Burlington, N. J.
	Trenton Potteries Co., Trenton, N. J.
	L. Wolff Mfg. Co., 93 W. Lake St., Chicago, Ill.
U. BATH TUBS, STEEL.	John Cowmeadow Mfg. Co., Oswego, N. Y.
	John Trageser Steam Copper Wks., 447 W. 26th St., N. Y.
V. BATH TUB TRIMMINGS.	Bradley & Currier Co., 119 W. 23d St., New York.
	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
W. BIDET ATTACHMENTS.	Haydenville Mfg. Co., 73 Beekman St., New York.
	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
X. BOILER STANDS.	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Y. BRACKETS, PLUMBERS'.	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
	Meriden Malleable Iron Co., Meriden, Conn.
	E. C. Stearns & Co., Syracuse, N. Y.
	Stover Mfg. Co., Freeport, Ill.
Z. BRASS FITTINGS, PLUMBERS'.	Best, Fox & Co., Pittsburg, Pa.
	Eaton, Cole & Burnham Co., 253 Broadway, New York.
	Haines, Jones & Cadbury Co., 1136 Ridge Av., Phila., Pa.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Hemacite Mfg. Co., Trenton, N. J.
	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
	J. H. McLain Co., Canton, O.
	Peck Bros. & Co., New Haven, Conn.
	Wm. Powell Co., 50 Plum St., Cincinnati, O.
	Standard Mfg. Co., Pittsburg, Pa.
	E. Stebbins Mfg. Co., Brightwood, Mass.
AA. CESSPOOLS.	Humphreys Mfg. Co., Mansfield, O.
	David Morrison Co., 55 W. 16th St., New York.
	Standard Mfg. Co., Pittsburg, Pa.
BB. CISTERN TANKS.	John Cowmeadow Mfg. Co., Oswego, N. Y.
	Cypress Lumber Co., Apalachicola, Fla.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.

		Flint & Walling Mfg. Co., Kendallville, Ind.
		Thos. Phillips Co., Providence, R. I.
CC.	COPPER LINED TUBS.	John Trageser Steam Copper Wks., 447 W. 26th St., N. Y.
DD.	EARTHENWARE, PLUMBERS'.	Enterprise Pottery Co., Trenton, N. J.
		Thos. Maddock & Sons, Trenton, N. J.
		Mercer Pottery Co., Trenton, N. J.
		Sanitary Earthenware Spec. Co., Trenton, N. J.
		Willets Mfg. Co., Trenton, N. J.
EE.	FLOAT VALVES.	Forest City Brass Works, Cleveland, O.
		A. Y. McDonald & Morrison Mfg. Co., Dubuque, Iowa.
		Novelty Mfg. Co., Rock Island, Ill.
		John Trageser Steam Copper Wks., 447 W. 26th St., N. Y.
		U. S. Wind Engine Pump Co., Batavia, Ill.
FF.	LAUNDRY TUBS.	Cleveland Mantel & Grate Co., Cleveland, O.
		Haydenville Mfg. Co., 73 Beekman St., New York.
		Kieckhefer Bros., Milwaukee, Wis.
		Joseph S. Miller, 1210 Ridge Av., Phila., Pa.
		Monson-Burmah Slate Co., Portland, Me.
		Peck Bros. & Co., New Haven, Conn.
		Standard Mfg. Co., Pittsburg, Pa.
		Troy Laundry Machinery Co., Ltd., Troy, N. Y.
GG.	LAUNDRY TUBS, ENAMELLED IRON.	Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
		Standard Mfg. Co., Pittsburg, Pa.
HH.	LAUNDRY TUBS, SLATE.	East Bangor Consolidated Slate Co., East Bangor, Pa.
		Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
		Old Bangor Slate Co., Bethelem, Pa.
		Penrhyn Slate Co., 101 E. 17th St., New York.
		Thos. Phillips Co., Providence, R. I.
II.	LAUNDRY TUBS, SOLID WHITE CROCKERY.	Stewart & Co., 540 W. 19th St., New York.
		Trenton Potteries Co., Trenton, N. J.
JJ.	LAUNDRY TUBS, STONEWARE.	Henry McShane & Co., Baltimore, Md.
		Thomas Maddock & Sons, Trenton, N. J.
KK.	LAVATORIES, OPEN.	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
		J. L. Mott Iron Works, 90 Beekman St., New York.
		N. O. Nelson Mfg. Co., 8th & Charles Sts., St. Louis, Mo.
		Owen & Salter, Buttonwood & 12th Sts., Phila., Pa.
		Peck Bros. & Co., New Haven, Conn.
		Standard Mfg. Co., Pittsburg, Pa.
		Western Brass Mfg. Co., 615 Walnut St., St. Louis, Mo.
LL.	LAVATORIES, OPEN, ENAMELLED IRON.	Standard Mfg. Co., Pittsburg, Pa.
		A. Weiskittel & Son, Baltimore, Md.
MM.	LAVATORY FITTINGS.	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
		Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
		J. L. Mott Iron Works, 90 Beekman St., New York.
		N. O. Nelson Mfg. Co., St. Louis, Mo.
		Owen & Salter, Buttonwood & 12th Sts., Phila., Pa.
		Standard Mfg. Co., Pittsburg, Pa.
NN.	PLUMBERS' BRASS WORK.	Dalton-Ingersoll Co., Boston, Mass.
		McCambridge & Co., Ltd., 523 Cherry St., Phila., Pa.
		Pittsburg Brass Co., Pittsburg, Pa.
OO.	PLUMBERS' SPECIALTIES.	Boston Brass Co., Boston, Mass.
		Hitchcock Lamp Co., Watertown, N. Y.
		Mechanical Rubber Co., Cleveland, O.
		Randolph & Clowes, Waterbury, Conn.
PP.	PLUMBERS' WOODWORK.	Standard Mfg. Co., Pittsburg, Pa.
QQ.	SEWER FLUSHERS.	M. Reynolds Plumbers' Supply Co., 25 Centre St., New York.
		Standard Mfg. Co., Pittsburg, Pa.
RR.	SHAMPOOS.	J. L. Mott Iron Works, 90 Beekman St., New York.
SS.	SHOWERS, BRASS.	Standard Mfg. Co., Pittsburg, Pa.
TT.	SHOWERS, COPPER.	John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
UU.	SINK FITTINGS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
		McCambridge & Co., Ltd., 523 Cherry St., Phila., Pa.
		Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
		Standard Mfg. Co., Pittsburg, Pa.
		E. C. Stearns & Co., Syracuse, N. Y.
VV.	SINKS.	McCambridge & Co., Ltd., 523 Cherry St., Phila., Pa.
		Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
		Monson-Burmah Slate Co., Portland, Me.
		C. H. Presbrey & Co., Sterling, Ill.
		Standard Mfg. Co., Pittsburg, Pa.
		Swinton & Co., Port Jarvis, N. Y.
		Western Brass Mfg. Co., 615 Walnut St., St. Louis, Mo.
WW.	SINKS, COPPER.	McCambridge & Co., Ltd., 523 Cherry St., Phila., Pa.
		Thos. Phillips Co., Providence, R. I.
		Ronalds & Johnson Co., 54 Cliff St., New York.
		Henry Steeger, 143 E. 31st St., New York.

	John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
XX. SINKS, EARTHENWARE.	Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
YY. SINKS, ENAMELLED.	Barnes Mfg. Co., Mansfield, O.
	Cribben, Sexton & Co., 50 Erie St., Chicago, Ill.
	Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
	Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
	Standard Mfg. Co., Pittsburg, Pa.
	A. Weiskittel & Son, Baltimore, Md.
ZZ. SINKS, IRON.	Barnes Mfg. Co., Mansfield, O.
	Cleveland Co-Operative Stove Co., Cleveland, O.
	Cutler & Proctor Stove Co., Peoria, Ill.
	W. & B. Douglas, Middletown, Conn.
	Goulds Mfg. Co., Seneca Falls, N. Y.
	Griswold Mfg. Co., Erie, Pa.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Highland Foundry Co., Boston Highlands, Mass.
	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Magee Furnace Co., Boston, Mass.
	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
	Moline Pump Co., Moline, Ill.
	J. L. Mott Iron Works, 90 Beekman St., New York.
	Pittstown Stove Co., Pittstown, Pa.
	Reading Stove Works, Reading, Pa.
	Rumsey & Co., Ltd., Seneca Falls, N. Y.
	Standard Mfg. Co., Pittsburg, Pa.
	E. C. Stearns & Co., Syracuse, N. Y.
	Henry Steeger, 143 E. 31st St., New York.
AAA. SINKS, OVAL.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
BBB. SINKS, SLATE.	East Bangor Con. Slate Co., East Bangor, Me.
	Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
	Old Bangor Slate Co., Bethelem, Pa.
CCC. SINKS, SOAPSTONE.	Williams & Co., Nashua, N. H.
DDD. SINKS, SOLID PORCELAIN.	Trenton Potteries Co., Trenton, N. J.
EEE. SINKS, STEEL.	Gleason & Bailey, Seneca Falls, N. Y.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
FFF. SLABS, PLUMBERS'.	Burlington Mfg. Co., Burlington, Vt.
	Monson-Burmah Slate Co., Portland, Me.
GGG. SLOP HOPPERS.	Humphryes' Mfg. Co., Mansfield, O.
	Thomas Maddock & Sons, Trenton, N. J.
	McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
	Standard Mfg. Co., Pittsburg, Pa.
	E. C. Stearns & Co., Syracuse, N. Y.
	Taylor & Boggis Foundry Co., Cleveland, O.
HHH. SOIL PIPE TESTING PLUGS.	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
III. SPUN OAKUM, PLUMBERS'.	Tibbals & Co., Cobalt, Conn.
JJJ. THAWING MACHINES.	John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
KKK. TRAPS, SEWER GAS.	American Shot & Lead Co., 84 Vanburen St., Chicago, Ill.
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	E. W. Blatchford & Co., 70 N. Clinton St., Chicago, Ill.
	Boston Brass Co., 40 Oliver St., Boston, Mass.
	B. P. Bowers & Co., Cleveland, O.
	Stephen Buhrer, Cleveland, O.
	F. E. Cudell, 204 Superior St., Cleveland, O.
	Frederick N. Dubois, 247 9th Av., New York.
	Erie City Iron Works, Erie, Pa.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Humphryes' Mfg. Co., Mansfield, O.
	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
	Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
	Ohio Brass & Iron Mfg. Co., 1199 Franklin Av., Cleveland, O.
	Thomas Phillips Co., Providence, R. I.
	James Robertson Mfg. Co., 30 Hanover St., Baltimore, Md.
	Rumsey & Co., Ltd., Seneca Falls, N. Y.
	Selby Smelting & Lead Co., 416 Montgomery St., San Fran., Cal.
	Standard Mfg. Co., Pittsburg, Pa.
	Western Brass Mfg. Co., 615 Walnut St., St. Louis, Mo.
LLL. URINALS.	J. W. Fiske, 39 Park Place, New York.
	B. F. Goodrich Co., Akron, O.
	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
	Haydenville Mfg. Co., 73 Beekman St., New York.
	Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
	Thomas Maddock & Sons, Trenton, N. J.
	Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
	Standard Mfg. Co., Pittsburg, Pa.
	Trenton Potteries Co., Trenton, N. J.

L. Wolff Mfg. Co., 93 W. Lake St., Chicago, Ill.

MMM. URINAL TRIMMINGS.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
Ohio Brass & Iron Mfg. Co., 1199 Franklin St., Cleveland, O.
Peck-Williamson Heating & Ventilating Co., Cincinnati, O.
Standard Mfg. Co., Pittsburg, Pa.

NNN. WATER CLOSET FITTINGS.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
H. Mueller Mfg. Co., Decatur, Ill.
Muskegon Chemical Fire Engine Co., Muskegon, Mich.
Owen & Salter, Buttonwood & 12th Sts., Philadelphia, Pa.
Standard Mfg. Co., Pittsburg, Pa.
John Trageser Steam Copper Works, 447 W. 26th St., N. Y.

OOO. WATER CLOSET FLOOR FLANGES.
H. Mueller Mfg. Co., Decatur, Ill.

PPP. WATER CLOSET HOPPERS.
Haydenville Mfg. Co., 73 Beekman St., New York.
Humphryes' Mfg. Co., Mansfield, O.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
Standard Mfg. Co., Pittsburg, Pa.
Henry Steeger, 142 E. 31st St., New York.

QQQ. WATER CLOSET PULLS.
Standard Turning Works, Cambridgeport, Mass.

RRR. WATER CLOSETS.
Bailey, Farrell & Co., Pittsburg, Pa.
C. A. Blessing, 516 Montgomery St., Philadelphia, Pa.
Buick & Sherwood Mfg. Co., Detroit, Mich.
Dalton-Ingersoll Co., 169 High St., Boston, Mass.
Thomas Gibson Co., 273 Walnut St., Cincinnati, O.
Haines, Jones & Cadbury Co., 1136 Ridge Av., Phila., Pa.
Haydenville Mfg. Co., 73 Beekman St., New York.
Henry Huber Co., 81 Beekman St., New York.
Mayor, Lane & Co., 130 White St., New York.
Thos. Maddock & Sons, Trenton, N. J.
McCambridge & Co., 525 Cherry St., Philadelphia, Pa.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.
N. O. Nelson Mfg. Co., 8th & Charles Sts., St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Peck-Williamson Heating & Ventilating Co., Cincinnati, O.
Standard Mfg. Co., Pittsburg, Pa.
A. W. Stevens Co., Auburn, N. Y.
Trenton Potteries Co., Trenton, N. J.
L. Wolff Mfg. Co., 93 W. Lake St., Chicago, Ill.

SSS. WATER CLOSET SEATS, COMPLETE.
Buick & Sherwood Mfg. Co., Detroit, Mich.
John Cowmeadow Mfg. Co., Oswego, N. Y.
Wm. Heap, Muskegon, Mich.
N. O. Nelson Mfg. Co., 8th & Charles Sts., St. Louis, Mo.
Standard Mfg. Co., Pittsburg, Pa.

TTT. WATER CLOSETS, RAILROAD CAR.
Dayton Mfg. Co., Dayton, O.

UUU. WATER CLOSETS, SHIP.
McCambridge & Co., Ltd., 523 Cherry St., Philadelphia, Pa.
Peck Bros. & Co., New Haven, Conn.
Alfred B. Sands & Son, 134 Beekman St., New York.

VVV. WATER CLOSETS, YACHT.
Alfred B. Sands & Son, 134 Beekman St., New York.

WWW. WATER CLOSET TANKS.
Buick & Sherwood Mfg. Co., Detroit, Mich.
Haines, Jones & Cadbury Co., 1136 Ridge Av., Phila., Pa.
Haydenville Mfg. Co., 73 Beekman St., New York.
Wm. Heap, Muskegon, Mich.
Humphryes' Mfg. Co., Mansfield, O.
Major, Lane & Co., 130 White St., New York.
Peck Bros. & Co., New Haven, Conn.
Ronalds & Johnson Co., 54 Cliff St., New York.
Standard Mfg. Co., Pittsburg, Pa.

XXX. WATER CLOSET VALVES.
Haydenville Mfg. Co., 73 Beekman St., New York.
H. Mueller Mfg. Co., Decatur, Ill.
Peck Bros. & Co., New Haven, Conn.

3602. POCKET BOOK FRAMES.
B. Messer, 241 Centre St., New York.

3603. POLISHERS' SUPPLIES.
E. P. Reichhelm & Co., 23 John St., New York.

3604. POTTERS' STILTS & PINS.
Hugh Baxter, Trenton, N. J.
Burgess & Co., East Liverpool, O.

3605. POWDERED SLATE.
C. K. Williams & Co., Easton, Pa.

3606. POWDER PAPERS, DRUGGISTS.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Randolph Paper Box Co., Richmond, Va.

3607. PRECIPITATING BOXES.
Edward P. Allis Co., Milwaukee, Wis.

3608. PRESSED HERBS, ROOTS & BARKS.

Walter Adams & Co., 46 Cliff St., New York.
Huber & Fuhrman Drug Mills, Fond Du Lac, Wis.
McMillan Fur & Wool Co., Minneapolis, Minn.
Parke, Davis & Co., Detroit, Mich.
E. Parker Read, 217 Race St., Philadelphia, Pa.
Sharp & Dohme, Baltimore, Md.
Wells & Richardson Co., Burlington, Vt.

A. COOKING HERBS. Stickney & Poor Spice Co., 205 State St., Boston, Mass.

B. POWDERED & GROUND HERBS Huber & Fuhrman Drug Mills, Fond Du Lac, Wis.

3609. PRESS SCREWS.

W. F. & John Barnes Co., Rockford, Ill.
Chickasaw Iron Works, Memphis, Tenn.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

3610. PRINTERS' MATERIALS & SUPPLIES.

Golding & Co., Boston, Mass.

A. BOX PRINTING PLATES. Houchin & Huber, 39 53d St., Brooklyn, N. Y.

B. BRASS LEADS. A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
H. C. Hansen, Boston, Mass.
Lindsay Type Foundry, 75 Fulton St., New York.
MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
F. Wesel Mfg. Co., 82 Fulton St., New York.

C. BRASS RULES. American Type Founders' Co., 25 William St., New York.
Barnhart Bros. & Spindler, 183 Monroe St., Chicago, Ill.
A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
H. C. Hansen, Boston, Mass.
J. Heinemann & Co., 193 Vanburen St., Chicago, Ill.
R. Hoe & Co., 504 Grand St., New York.
Lindsay Type Foundry, 75 Fulton St., New York.
MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Heber Wells, 157 William St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

D. COMPOSING RULES. Gage Tool Co., Vineland, N. J.
R. Hoe & Co., 504 Grand St., New York.
MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
Heber Wells, 157 William St., New York.
F. Wesel Mfg. Co., 84 Fulton St., New York.

E. DISK COVERS. Adamson Typewriter Press Co., Muncie, Ind.

F. ELECTROTYPES. American Type Founders' Co., Baltimore, Md.
Barnhart Bros. & Spindler, 183 Madison St., Chicago, Ill.
Wm. Denyse & Sons, 13 Frankfort St., New York.
A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
W. Hawtin & Co., 147 5th Av., Chicago, Ill.
MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
Moss Photo.-Engraving Co., 275 Mulberry St., New York.
F. A. Ringler Co., 21 Barclay St., New York. *12
St. Louis Electrotype Foundry, St. Louis, Mo.

G. GALLEY RESTS. Chandler & Price Co., Cleveland, O.

H. GOLD SIZE. American Type Founders' Co., 25 William St., New York.
Geo. H. Morrill & Co., Boston, Mass.
H. D. Wade & Co., 28 Reade St., New York.
S. P. Wright & Co., Camden, N. J.

I. IMPOSING STONES. East Bangor Consolidated Slate Co., East Bangor, Pa.
Hamilton Mfg. Co., Two Rivers, Wis.
Morgan & Wilcox Mfg. Co., Middletown, N. Y.
F. Wesel Mfg. Co., 82 Fulton St., New York.

J. IMPOSING TABLES. American Type Founders' Co., 25 William St., New York.
Golding & Co., Boston, Mass.
R. Hoe & Co., 504 Grand St., New York.
Morgan & Wilcox Mfg. Co., Middletown, N. Y.
Heber Wells, 157 William St., New York.
F. Wesel Mfg. Co., 82 Fulton St., New York.

K. INKOLEUM. Electrine Mfg. Co., St. Paul, Minn.

L. INK STONES. R. Hoe & Co., 504 Grand St., New York.
Morgan & Wilcox Mfg. Co., Middletown, N. Y.
F. Wesel Mfg. Co., 82 Fulton St., New York.

M. LETTER BOARDS. Heber Wells, 157 William St., New York.

N. LUMINOUS POWDERS. American Type Founders' Co., 25 William St., New York.

O. PLATE HOLDERS. R. Hoe & Co., 504 Grand St., New York.

P. PRINTERS' BORDERS. Barnhart Bros. & Spindler, 183 Madison St., Chicago, Ill.

Q. PRINTERS' CABINETS. American Type Founders' Co., 25 William St., New York.
Barnhart Bros. & Spindler, 183 Monroe St., Chicago, Ill.
Golding & Co., Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.

	Hamilton Mfg. Co., Two Rivers, Wis.
	R. Hoe & Co., 504 Grand St., New York.
	MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
	Morgan & Wilcox Mfg. Co., Middletown, N. Y.
	Heber Wells, 157 William St., New York.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
R. PRINTERS' CASES.	American Bolt & Screw Case Co., Dayton, O.
	American Type Founders' Co., 25 William St., New York.
	Golding & Co., Boston, Mass.
	Hamilton Mfg. Co., Two Rivers, Wis.
	R. Hoe & Co., 504 Grand St., New York.
	MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
	Heber Wells, 157 William St., New York.
S. PRINTERS' CEMENT.	Golding & Co., Boston, Mass.
T. PRINTERS' DETERGENT.	E. L. Patch Co., Boston, Mass.
U. PRINTERS' FELT BLANKETS.	Tingue, House & Co., 56 Reade St., New York.
V. PRINTERS' FURNITURE.	American Type Founders' Co., 25 William St., New York.
	A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
	Golding & Co., Boston, Mass.
	Hamilton Mfg. Co., Two Rivers, Wis.
	R. Hoe & Co., 504 Grand St., New York.
	Morgan & Wilcox Mfg. Co., Middletown, N. Y.
	Heber Wells, 157 William St., New York.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
W. PRINTERS' INK REDUCER.	Golding & Co., Boston, Mass.
X. PRINTERS' LEADS.	American Type Founders' Co., 25 William St., New York.
	Barnhart Bros. & Spindler, 183 Madison St., Chicago, Ill.
	H. C. Hansen, Boston, Mass.
	J. Heinemann, 193 Vanburen St., Chicago, Ill.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
Y. PRINTERS' METAL FURNITURE.	American Type Founders' Co., 25 William St., New York.
	A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
	H. C. Hansen, Boston, Mass.
	R. Hoe & Co., 504 Grand St., New York.
	Morgan & Wilcox Mfg. Co., Middletown, N. Y.
Z. PRINTERS' NOVELTIES.	American Type Founders' Co., 25 William St., New York.
AA. PRINTERS' ORNAMENTS.	Barnhart Bros. & Spindler, 183 Monroe St., Chicago, Ill.
BB. PRINTERS' RACKS.	American Type Founders' Co., 25 William St., New York.
	A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
	Golding & Co., Boston, Mass.
	Hamilton Mfg. Co., Two Rivers, Wis.
	R. Hoe & Co., 504 Grand St., New York.
	MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
	Heber Wells, 157 William St., New York.
CC. PRINTERS' ROLLERS.	Bendernagel & Co., 521 Ludlow St., Philadelphia, Pa.
	Chandler & Price Co., Cleveland, O.
	MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
	New Bedford Copper Co., New Bedford, Mass.
	J. H. Osgood & Co., 100 Milk St., Boston, Mass.
	Wm. H. Ranney, Detroit, Mich.
	E. J. Shattuck & Co., San Francisco, Cal.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
	Wild & Stevens, Boston, Mass.
DD. PRINTERS' STANDS.	Heber Wells, 157 William St., New York.
EE. PRINTERS' VARNISHES.	American Type Founders' Co., 25 William St., New York.
	Ault & Wiborg Co., Cincinnati, O.
	F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
	Chas. Eneu Johnson & Co., 509 S. 10th St., Philadelphia, Pa.
	Geo. H. Morrill & Co., Boston, Mass.
	Stevenson Bros. & Co., 132 S. 2d St., Philadelphia, Pa.
	H. D. Wade Co., 28 Reade St., New York.
FF. PRINTING INK.	Ault & Wiborg Co., Cincinnati, O.
	J. Harper Bonnell Co., 154 Nassau St., New York.
	Buffalo Printing Ink Works, Buffalo, N. Y.
	Central Commercial Co., 194 Randolph St., Chicago, Ill.
	Golding & Co., Boston, Mass.
	Chas. E. Johnson & Co., 509 S. 10th St., Philadelphia, Pa.
	G. B. Kane & Co., 110 5th Av., Chicago, Ill.
	Fred. H. Levey Co., 59 Beekman St., New York.
	Geo. H. Morrill & Co., Boston, Mass.
	Queen City Printing Ink Co., Cincinnati, O.
	E. J. Shattuck & Co., San Francisco, Cal.
	Standard Printing Ink Co., Cincinnati, O.
	B. Thalmann Printing Ink Co., St. Louis, Mo.

	Sigmund Ullman Co., 446 E. 146th St., New York.
	H. D. Wade & Co., 28 Reade St., New York.
	F. S. Webster Co., Boston, Mass.
	W. D. Wilson Printing Ink Co., Ltd., 10 Spruce St., N. Y.
	Sam'l P. Wright & Co., Camden, N. J.
GG. PRINTING INK, COPYABLE.	Buffalo Printing Ink Works, Buffalo, N. Y.
	John Underwood & Co., 30 Vesey St., New York.
	H. D. Wade & Co., 28 Reade St., New York.
HH. PROOF ROLLERS.	Chandler & Price Co., Cleveland, O.
II. QUOINS.	American Type Founders' Co., 25 William St., New York.
	Golding & Co., Boston, Mass.
	Hamilton Mfg. Co., Two Rivers, Wis.
	H. C. Hansen, Boston, Mass.
	Hempel & Dingens, Buffalo, N. Y.
	R. Hoe & Co., 504 Grand St., New York.
	MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
	Moore & Warren, 57 John St., New York.
	Heber Wells, 157 William St., New York.
	Westcott-Jewell Co., Seneca Falls, N. Y.
JJ. REGLETS.	American Type Founders' Co., 25 William St., New York.
	Hamilton Mfg. Co., Two Rivers, Wis.
	H. C. Hansen, Boston, Mass.
	Heber Wells, 157 William St., New York.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
	Westcott-Jewell Co., Seneca Falls, N. Y.
KK. ROLLER BEARERS.	Chandler & Price Co., Cleveland, O.
LL. ROLLER COMPOSITION.	Godfrey & Co., 909 Sansom St., Philadelphia, Pa.
	Golding & Co., Boston, Mass.
	J. H. Osgood & Co., Boston, Mass.
	Van Bibber Roller Co., Cincinnati, O.
	Wild & Stevens, Boston, Mass.
MM. ROLLER FRAMES.	Hamilton Mfg. Co., Two Rivers, Wis.
	Morgan & Wilcox Mfg. Co., Middletown, N. Y.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
NN. RUBBER BLANKETS, PRINTERS'.	Boston Belting Co., Boston, Mass.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
	Revere Rubber Co., Boston, Mass.
OO. STEREOTYPE BLOCKS.	American Type Founders' Co., 25 William St., New York.
	A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
	Golding & Co., Boston, Mass.
	R. Hoe & Co., 504 Grand St., New York.
	Lindsay Type Foundry, 75 Fulton St., New York.
	MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
	Van Allens & Boughton, 59 Ann St., New York.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
PP. TABLET GLUE.	Van Bibber Roller Co., Cincinnati, O.
QQ. TABLET OR PAD PRESSES.	Mather Mfg. Co., 734 Sansom St., Philadelphia, Pa.
RR. TYPE.	American Type Founders' Co., 25 William St., New York.
	Barnhart Bros. & Spindler, 183 Monroe St., Chicago, Ill.
	P. H. Bresnan Type Foundry Co., 17 Frankfort St., N. Y.
	Bruce's New York Type Foundry, 13 Chambers St., N. Y.
	Cincinnati Type Foundry, 201 Vine St., Cincinnati, O.
	Conner, Fendler & Co., 56 Beekman St., New York.
	A.D.Farmer & Son Type Founding Co.,63 Beekman St.,N.Y.
	Golding & Co., Boston, Mass.
	H. C. Hansen, 22 Hawley St., Boston, Mass.
	Kelsey Press Co., Meriden, Conn.
	Liberty Machine Co., 140 Nassau St., New York.
	Lindsay Type Foundry, 75 Fulton St., New York.
	MacKellar, Smiths & Jordan, 606 Sansom St., Phila., Pa.
	Mather Mfg. Co., 734 Sansom St., Philadelphia, Pa.
	Newton Copper Type Co., 18 Rose St., New York.
	Fred. Schley & Co., 56 Beekman St., New York.
SS. TYPE, BRASS.	Hamilton Mfg. Co., Two Rivers, Wis.
	Geo. M. Ness, Jr., 61 Fulton St., New York.
TT. TYPE CASES.	American Type Founders' Co., New York.
	Hamilton Mfg. Co., Two Rivers, Wis.
	R. Hoe & Co., 504 Grand St., New York.
	Liberty Machine Co., 140 Nassau St., New York.
	Heber Wells, 157 William St., New York.
	F. Wesel Mfg. Co., 82 Fulton St., New York.
	Geo. M. Ness, Jr., 61 Fulton St., New York.
UU. TYPE, STEEL.	American Wood Type Co., South Windham, Conn.
VV. TYPE, WOOD.	Hamilton Mfg. Co., Two Rivers, Wis.
	Morgan & Wilcox Mfg. Co., Middletown, N. Y.

	Heber Wells, 157 William St., New York.
WW. WOOLEN BLANKETS, PRINTERS'.	Thomas Kent Mfg. Co., Clifton Heights, Pa.
	Joseph Noone's Sons Co., Peterborough, N. H.
3611. PROPELLER WHEELS.	
	Chester Steel Castings Co., 407 Sansom St., Philadelphia, Pa.
	Delaware River I. S. B. & Engine Works, Chester, Pa.
	Gardner Motor Co., Ltd., New Orleans, La.
	S. F. Hodge & Co., Detroit, Mich.
	Lowell Model Co., Lowell, Mass.
	Marine Iron Works, Clybourn & Southport Sts., Chicago, Ill.
	Morris Machine Works, Baldwinsville, N. Y.
	Phoenix Iron Foundry, Providence, R. I.
	Risdon Iron & Locomotive Works, San Francisco, Cal.
	Sheriffs Mfg. Co., Milwaukee, Wis.
	Skinner & Arnold Co., Albany, N. Y.
	H. G. Trout & Co., Buffalo, N. Y.
	Chas. P. Willard & Co., 13 N. Canal St., Chicago, Ill.
A. BRONZE PROPELLER WHEELS.	Herreshoff Mfg. Co., Bristol, R. I.
3612. PULLEY FILLING.	Jewell Belting Co., Hartford, Conn.
	Trenton Rubber Co., Trenton, N. J.
3613. PULLEY LOGGING.	Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
	Brown Bros. & Co., Providence, R. I.
3614. PULLEY SHEAVES.	Piqua Handle & Mfg. Co., Piqua, O.
3615. PUMICE STONE.	Herman Behr & Co., 75 Beekman St., New York.
	McIlvaine Bros., N. 15th & Hamilton Sts., Philadelphia, Pa.
	S. Obermayer Co., Cincinnati, O.
	C. K. Williams & Co., Easton, Pa.
A. PULVERIZED PUMMICE.	C. K. Williams & Co., Easton, Pa.
3616. PURSE FRAMES.	B. Messer, 241 Centre St., New York.
3617. PUSH BUTTON SHELLS.	
	Union Hardware Co., Torrington, Conn.
3618. QUILTING FRAMES.	L. H. Mace & Co., 111 E. Houston St., New York.
3619. RADIATOR ACCESSORIES.	
A. RADIATOR BASES, SLATE.	Monson-Burmah Slate Co., Portland, Me.
B. RADIATOR GUARDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
C. RADIATOR MARBLE TOPS.	Davidson Bros. Marble Co., ft. of Orleans St., Chicago, Ill.
	A. A. Griffing Iron Co., 66 Centre St., New York.
	Sherman & Flavin, 2541 State St., Chicago, Ill.
	H. B. Smith Co., Westfield, Mass.
D. RADIATOR TRIMMINGS.	Nason Mfg. Co., 71 Beekman St., New York.
3620. RATTANS.	Heywood Bros. & Wakefield Co., Gardner, Mass.
3621. RAW HIDE GOODS.	Chicago Rawhide Mfg. Co., 75 E. Ohio St., Chicago, Ill.
	Wm. Coupe & Co., South Attleboro, Mass.
	A. & C. W. Holbrook, Providence, R. I.
	New Process Rawhide Co., Syracuse, N. Y.
A. RAWHIDE GEARS.	Boston Gear Works, 31 Hartford St., Boston, Mass.
3622. RENNET, LIQUID.	Henry C. Blair, 800 Walnut St., Philadelphia, Pa.
	Creamery Package Mfg. Co., 1 W. Washington St., Chic., Ill.
	Hamell & Cortright, 25 S. Front St., Philadelphia, Pa.
	Smith & Jones, Utica, N. Y.
3623. ROADWAY BOXES.	Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.
3624. ROBE LININGS.	Sanford Mills, Sanford, Me.
3625. RODS.	Carnegie Steel Co., Ltd., Pittsburg, Pa.
A. ARTESIAN WELL RODS.	Shannon & Wilson, Corry, Pa.
B. FIBRE RODS.	Delaware Hard Fibre Co., Wilmington, Del.
C. STOVE RODS.	Lamson & Sessions Co., Cleveland, O.
D. THREADED RODS.	Kansas City Bolt & Nut Co., Kansas City, Mo.
E. TIE RODS.	National Bolt, Nut & Rivet Works, Reading, Pa.
3626. ROLLING BOXES, FOR COATING WHEELS WITH EMERY.	
	W. J. Clark Co., Salem, O.
3627. ROLL TOP COVERS.	John Bridge, Chester, Pa.
	Wm. O. Howland, Chester, Pa.
3628. ROOFERS' SUPPLIES.	Berger Bros. Co., 231 Arch St., Philadelphia, Pa.
3629. ROOF POLES, PAINTERS'.	
	Reilley Bros., 322 W. 41st St., New York.
3630. ROPE CLEATS.	Wheeling Hinge Co., Wheeling, W. Va.
3631. ROPE COUPLINGS.	C. W. Hunt Co., 45 Broadway, New York.
3632. ROPE DRESSING.	C. W. Hunt Co., 45 Broadway, New York.
3633. ROTTEN STONE.	John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.
3634. ROUGE.	Charles Cooper & Co., 194 Worth St., New York.
	Detroit White Lead Works, Detroit, Mich.
	Pittsburg Crushed Steel Co., Ltd., Pittsburg, Pa.
	Hanson & Van Winkle Co., Newark, N. J.
	S. H. Wetmore Co., 242 Pearl St., New York.
	John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3635. RUBBER COVERED ROLLS.
Boston Belting Co., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Home Rubber Co., Trenton, N. J.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
Revere Rubber Co., 62 Franklin St., Boston, Mass.

3636. RUBBER STAMP MAKERS' SUPPLIES.
Wm. A. Force & Co., 59 Beekman St., New York.
Hamilton Mfg. Co., Two Rivers, Wis.
New York Stencil Works, 100 Nassau St., New York.
R. H. Smith Mfg. Co., Springfield, Mass. *16

A. HAND STAMP RUBBER.
Eugene Doherty, 110 Kent Av., Brooklyn, N. Y.
B. F. Goodrich Co., Akron, O.
R. H. Smith Mfg. Co., Springfield, Mass. *16

B. RUBBER STAMP BOXES.
H. C. Underwood Mfg. Co., Wabash, Ind.

3637. RUBBER SUBSTITUTE.
A. Viscal Co., East Cambridge, Mass.

3638. RUBBER TIRE CHANNELS.
Union Iron & Steel Co., Youngstown, O.

3639. SADDLERS' HAIR.
Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.

3640. SAILORS' PALMS.
Union Hardware Co., Torrington, Conn.

3641. SALT.
A. T. Bliss, Saginaw, Mich.
Bradley Salt Co., Warsaw, N. Y.
Brownlee & Co., Detroit, Mich.
Buckley & Douglas Lumber Co., Manistee, Mich.
Jas. I. Carter & Co., Detroit, Mich.
Coal Ridge Coal & Salt Co., Pomeroy, O.
Corwin & Dennis, Williamston, Mich.
W. W. Dunham, Saginaw, Mich.
C. K. Eddy & Sons, Saginaw, Mich.
Eddy, Avery & Eddy, Bay City, Mich.
Eddy Bros. & Co., Bay City, Mich.
Empire Dairy Salt Co., Nassau, N. Y.
Hoyt H. Freeman, Syracuse, N. Y.
W. C. Gouinlock, Warsaw, N. Y.
Green, Ring & Co., Saginaw, Mich.
Hartford City Salt Co., Inc., Hartford, W. Va.
Hawley Salt Co., Warsaw, N. Y.
Huber & Fuhrman Drug Mills, Fond Du Lac, Wis.
Hutchinson Salt & Mfg. Co., Hutchinson, Kan.
Ithaca Salt Co., Ithaca, N. Y.
Kansas Salt Co., Hutchinson, Kan.
T. F. Johnson & Co., Newark, N. J.
Kansas Salt Co., Hutchinson, Kan.
Kern Mfg. Co., West Bay City, Mich.
H. M. Loud & Sons Lumber Co., Au Sable, Mich.
McEwan Bros. & Co., Inc., Bay City, Mich.
Wm. B. Mershon & Co., East Saginaw, Mich.
Nevada Salt & Borax Co., San Francisco, Cal.
Pitts & Co., Bay City, Mich.
Plummer Bros., Newark, Cal.
Rust Bros. & Co., Saginaw, Mich.
Solvay Process Co., Syracuse, N. Y.
Wadsworth Salt Co., Wadsworth, O.
Warsaw Salt Co., Warsaw, N. Y.
J. T. Wylie & Co., Saginaw, Mich.

A. COARSE SALT.
Gedder Coarse Salt Co., Syracuse, N. Y.
Salina Coarse & Fine Salt Co., Syracuse, N. Y.
Wadsworth Salt Co., Wadsworth, O.

B. DAIRY SALT.
Butlers & Peters Salt & Lumber Co., Ludington, Mich.
W. C. Gouinlock, Warsaw, N. Y.
Huron Dairy Salt Co., Sand Beach, Mich.
Kansas Salt Co., Hutchison, Kan.
Wadsworth Salt Co., Wadsworth, O.

C. ROCK SALT.
Retsof Mining Co., 115 Broadway, New York.
Wadsworth Salt Co., Wadsworth, O.

D. SALT CAKE.
L. J. Miller, 1233 Harrison Av., Cincinnati, O.

3642. SALT & PEPPER BOX TOPS.
Wilbur B. Hall, Meriden, Conn.
Ohio Lantern Co., Tiffin, O.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

3643. SANITARY GOODS.
Henry Huber Co., 81 Beekman St., New York.
J. L. Mott Iron Works, 90 Beekman St., New York.
N. O. Nelson Mfg. Co., St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.

L. Wolff Mfg. Co., 93 W. Lake St., Chicago, Ill.

A. EARTHEN CLOSETS. Wm. Heap, Muskegon, Mich.

B. FACTORY SANITARY CLOSETS. Brown & Sharpe Mfg. Co., Providence, R. I.

3644. SAUSAGE CASINGS. Bechstein & Co., Union Stock Yards, Chicago, Ill.
G. V. Brecht Butchers' Supply Co., St. Louis, Mo.
Cudahy Packing Co., South Omaha, Neb.
S. Oppenheimer & Co., 96 Pearl St., New York.
Wm. H. Schurch, 219 Race St., Philadelphia, Pa.
T. M. Sinclair & Co., Inc., Cedar Rapids, Iowa.

3645. SAW DUST. John Sommer's Son, Newark, N. J.
E. J. Vance Box Co., Ltd., Bay City, Mich.

A. FURRIERS' SAWDUST. Winona Wood Rim Co., Winona, Minn.

3646. SAW MILL SUPPLIES.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Lombard Iron Works & Supply Co., Augusta, Ga.
D. J. Murray Mfg. Co., Wausaw, Wis.

A. SAW KNIVES & FLANGES. E. C. Atkins & Co., Indianapolis, Ind. *19 & 20

3647. SCREEN FRAME CORNERS.
Porter Screen Mfg. Co., Burlington, Vt.
Queen Anne Screen Co., Burlington, Vt.

3648. SCRIBERS. Bemis & Call Hardware & Tool Co., Springfield, Mass.
L. S. Starrett Co., Athol, Mass.

3649. SCROLL SAW DESIGNS.
Chas. E. Little, 59 Fulton St., New York.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

3650. SEAMLESS BRASS SHELLS.
Randolph & Clowes, Waterbury, Conn.

3651. SEAMLESS COPPER SHELLS.
Thomas Phillips Co., Providence, R. I.
Randolph & Clowes, Waterbury, Conn.

3652. SEAMLESS STEEL BOXES, PANS & TROUGHS.
W. J. Clark Co., Salem, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23
W. J. Clark Co., Salem, O.

3653. SEGGARS. Trenton Terra Cotta Co., Trenton, N. J.

3654. SERVICE BOXES. Illinois Malleable Iron Co., 32 W. Monroe St., Chicago, Ill.

3655. SEWING MACHINE SUPPLIES.
A. H. Smith & Co., New Haven, Conn.

A. MACHINE NEEDLES. C. B. Barker & Co., Ltd., 70 W. Houston St., New York.
P. M. Beers & Son, Bridgeport, Conn.
Congress Needle Co., 113 Adams St., Chicago, Ill.
Excelsior Needle Co., Torrington, Conn.
Excelsior Supply Co., 276 Wabash Av., Chicago, Ill.
Franklin Needle Co., Franklin, N. H.
Frank P. Green, 39 Broad St., New York.
Jeralds & Lawton, West Cheshire, Conn.
National Needle Co., Springfield, Mass.
Sewing Machine Supplies Co., Boston, Mass.
Singer Mfg. Co., 149 Broadway, New York.
Andrew H. Smith & Co., New Haven, Conn.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
Whitten, Jones & Co., Lynn, Mass.
Wilcox & Gibbs Sew. Mach. Co., 658 B'way, New York.

B. MACHINE NEEDLES, WAX THREAD. Eben Brown, Milford, Mass.
Henry W. Eastham, Lynn, Mass.
Lilley & Co., Milford, Mass.
W. E. Wooding, Hamden, Conn.

C. PLAITING BOARDS. Sewing Machine Supply Co., Boston, Mass.

D. SEWING MACHINE BANDS. William Sumner Belting Co., Tolland, Conn.

E. SEWING MACHINE BOBBINS. Billings & Spencer Co., Hartford, Conn.
Domestic Mfg. Co., 136 Water St., New York.
Hartford Machine Screw Co., Hartford, Conn.
Household Sewing Machine Co., 9 E. 14th St., New York.
Kruse & Murphy Mfg. Co., 457 W. 26th St., New York.
New Home Sewing Mach. Co., 28 Union Square, New York.
Remington Arms Co., 313 Broadway, New York.
Singer Mfg. Co., 149 Broadway, New York.
Standard Sewing Machine Co., Cleveland, O.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
White Sewing Machine Co., Cleveland, O.

F. SEWING MACHINE CABINETS. Household Sewing Mach. Co., 9 E. 14th St., New York.
Singer Mfg. Co., 149 Broadway, New York.

G. SEWING MACHINE CASTINGS. G. T. Williamson, Grand Crossing, Ill.

H. SEWING MACHINE FOLDING TABLES. Udell Works, Indianapolis, Ind.

I. SEWING MACHINE FORGINGS. Billings & Spencer Co., Hartford, Conn.
J. H. Williams & Co., 9 Richards St., Brooklyn, N. Y. *10

J. SEWING MACHINE SHUTTLES. Billings & Spencer Co., Hartford, Conn.
Domestic Mfg. Co., 136 Water St., New York.
Household Sewing Machine Co., 9 E. 14th St., New York.
Kruse & Murphy Mfg. Co., 45 W. 26th St., New York.
New Home Sewing Machine Co., 28 Union Square, N. Y.
Singer Mfg. Co., 149 Broadway, New York.
Standard Sewing Machine Co., Cleveland, O.

K. SEWING MACHINE STANDS. Samuel C. Tatum Co., Cincinnati, O.

L. SEWING MACHINE WOODWORK. C. G. Akam Mfg. Co., 12 Adams St., Chicago, Ill.

3656. SHADE SLATS. Vermont Shade Roller Co., Burlington, Vt.

3657. SHAFT LEATHERS. Peters Dash Co., Columbus, O.

3658. SHEAR BLADES. Machine Knife Works, Boston Highlands, Mass.
L. & I. J. White Co., Buffalo, N. Y.

3659. SHEET IRON WORK. Abendroth & Root Mfg. Co., 28 Cliff St., New York.
A. J. Beckley & Co., Garwood, N. J.
Brownell & Co., Dayton, O.
Thomas Carlin's Sons, Allegheny, Pa.
W. J. Clark Co., Salem, O.
Cleveland Ship Building Co., Cleveland, O.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
Heipershausen Bros., 43 Tompkins St., New York.
Murray Iron Works Co., Burlington, Iowa.
Wm. B. Pollock & Co., Youngstown, O.
Standard Mfg. Co., 81 Fulton St., New York.
G. L. Stuebner, Long Island City, N. Y.

3660. SHEET STEEL BOXES.
W. J. Clark Co., Salem, O.

3661. SHINGLE BANDS. Cincinnati Corrugating Co., Piqua, O.

3662. SHIP BOTTOM ANTI-FOULING COMPOSITION.
Geo. N. Gardiner, 53 South St., New York.

3663. SHODDY. American Mfg. Co., North Grafton, Mass.
Jas. Bowers' Sons, Ltd., Chester, Pa.
Chas. C. Capron, Uxbridge, Mass.
Carter & Rogers, Lebanon, N. H.
Connor Bros., Holyoke, Mass.
W. S. & F. Cordingly, Newton Lower Falls, Mass.
Wm. Hall & Co., Lansdowne, Pa.
Harvey Wool Stock Co., Harvey, Ill.
Benj. Hey & Co., 32 Broadway, Cincinnati, O.
Wm. Johnston, 15 Letitia St., Philadelphia, Pa.
J. J. Regan Mfg. Co., Rockville, Conn.
Riverdale Woolen Co., Northbridge, Mass.
Charles R. Sinister, Canal near Washington St., Phila., Pa.
Smith & Cooley, Stafford Springs, Conn.
South Acton Woolen Co., South Acton, Mass.
Richard T. Sullivan, Newton Lower Falls, Mass.
E. A. Tracey, South Coventry, Conn.

3664. SIEVE CLOTHS. F. C. Huyck & Sons, Albany, N. Y.

3665. SLATE BRACKET SHELVES.
Monson-Burmah Slate Co., Portland, Me.

3666. SLIDING DOOR ROLLS.
Grand Rapids Brass Co., Grand Rapids, Mich.

3667. SOAPSTONE TOOL WARMERS.
Pike Mfg. Co., Pike Station, N. H.

3668. SODA WATER FOUNTAIN SUPPLIES.
Aldrich & Ray Mfg. Co., 1492 Niagara St., Buffalo, N. Y.

3669. SOLDERING COPPER HEATERS.
Clark Novelty Co., 380 Exchange St., Rochester, N. Y.

3670. SPEAKING TUBES. English & Mersick Co., 70 Crown St., New Haven, Conn.
Lamb & Ritchie, Cambridgeport, Mass.
Metallic Flexible Tube Co., 254 S. 2d St., Philadelphia, Pa.
W. R. Ostrander & Co., 22 Dey St., New York.
X. Stoutenborough, 77 Pearl St., New York.
Western Electric Co., Omaha, Neb.
J. F. Wollensack, 225 Lake St., Chicago, Ill.

A. SPEAKING TUBE FITTINGS. Lamb & Ritchie, Cambridgeport, Mass.
Pratt Mfg. Co., 167 Wooster St., New York.

3671. SPECIAL STEEL WORK.
Pennsylvania Steel Co., Steelton, Pa.

3672. SPILES. Portland Cooperage Co., Portland, Me.

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John Sommer's Sons, Newark, N. J.

3673. SPLICING COMPOUND.

Home Rubber Co., Trenton, N. J.

3674. SPOOL STOCK.

Micajah Currier & Sons, Abbot, Me.
Russell Bros. & Estes Co., Phillips, Me.
H. B. Smith & Co., Hanover, Me.
T. J. Stewart & Co., Bangor, Me.

3675. SPOON & FORK BLANKS.

Rogers & Hamilton Co., Waterbury, Conn.

3676. SPOUTS.

Novelty Iron Works, Sterling, Ill.

3677. SPRINGS.

G. W. Bent & Co., Boston, Mass.
John Chatillon & Son, 85 Cliff St., New York.
Detroit Steel & Spring Co., Detroit, Mich.
Dunbar Bros., Bristol, Conn.
Garden City Wire & Spring Co., 26 Chester St., Chicago, I
Harrow Spring Co., Kalamazoo, Mich.
Miller & Van Winkle, 22 Bridge St., Brooklyn, N. Y.
Pickering Spring Co., Ltd., 26 Cortlandt St., New York.
Sabin Machine Co., Montpelier, Vt.
Vose Spring Co., 25 Murray St., New York.

A. BED SPRINGS.

Foster Bros. Mfg. Co., Utica, N. Y.
Haggard & Marcusson Co., 409 S. Canal St., Chicago, Ill.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
J. H. Lloyd, 1416 Walnut St., Kansas City, Mo.
Miller Wire Spring Co., Bridgeport, Conn.
Morgan Spring Co., Worcester, Mass.
Smith & Davis Mfg. Co., St. Louis, Mo.
Worcester Wire Co., Worcester, Mass.

B. BRASS SPRINGS.

Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.

C. DRAUGHT SPRINGS.

Wilson Mfg. Co., 147 Cedar St., New York.

D. ELECTRIC SPRINGS.

J. Elliott Shaw & Co., 632 Arch St., Philadelphia, Pa.

E. FLAT WIRE SPRINGS.

Cary Spring Works, 240 W. 29th St., New York.

F. FURNITURE SPRINGS.

Wallace Barnes Co., Bristol, Conn.
Cleveland Wire Spring Co., Cleveland, O.
Foster Bros. Mfg. Co., Utica, N. Y.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
Miller Wire Spring Co., Bridgeport, Conn.
Metal Stamping Co., 388 W. Broadway, New York.
Peter Schneider's Sons & Co., 185 Canal St., New York.

G. GOVERNOR SPRINGS.

Dunbar Bros., Bristol, Conn.

H. LOCK SPRINGS.

New Haven Wire Mfg. Co., New Haven, Conn.

I. MACHINERY SPRINGS.

Wallace Barnes Co., Bristol, Conn.
Hansell Spring Co., Ambler, Pa.
Harrow Spring Co., Kalamazoo, Mich.
La Belle Steel Co., Pittsburg, Pa.
Morgan Spring Co., Worcester, Mass.
Sabin Mfg. Co., Montpelier, Vt.

J. SHUTTLE SPRINGS.

Wilmot & Hobbs Mfg. Co., Bridgeport, Conn.

K. SMALL SPRINGS.

Wallace Barnes Co., Bristol, Conn.

L. SNAP SPRINGS.

Clark & Cowles, Plainville, Conn.
Dunbar Bros., Bristol, Conn.

M. SPECIAL SPRINGS.

Hansel Spring Co., Newark, N. J.
Morgan Spring Co., Worcester, Mass.

N. SPIRAL SPRINGS.

Wallace Barnes Co., Bristol, Conn.
John Chatillon & Sons, 89 Cliff St., New York.
Diamond State Car Spring Co., Wilmington, Del.
Dunbar Bros., Bristol, Conn.
M. C. Hammett, Troy, N. Y.
T. B. Laycock Mfg. Co., Indianapolis, Ind.
Morgan Spring Co., Worcester, Mass.

O. STEEL SPRINGS.

Wallace Barnes Co., Bristol, Conn.
Cary Spring Works, 240 W. 29th St., New York.
Crescent Steel Co., 480 Pearl St., New York.
Dunbar Bros., Bristol, Conn.
M. C. Hammett, Troy, N. Y.
Ideal Mfg. Co., Oneida, N. Y.
Miller Wire Spring Co., Bridgeport, Conn.
Wm. & Harvey Rowland, Frankford, Philadelphia, Pa.

P. SWEAT PAD SPRINGS.

Dunbar Bros., Bristol, Conn.

Q. TEMPERED SPRINGS.

Wallace Barnes Co., Bristol, Conn.
Dunbar Bros., Bristol, Conn.
A. French Spring Co., Ltd., Pittsburg, Pa.
Tuck Mfg. Co., Brockton, Mass.

R. TILTING CHAIR SPRINGS.

Rocker Spring Co., 208 Lake St., Chicago, Ill.

S. TRUSS SPRINGS.

Wallace Barnes Co., Bristol, Conn.

3678. STEAMSHIP CONDENSERS.
Thomas Phillips Co., Providence, R. I.

3679. STEEL BALLS FOR BEARINGS.
Boston Gear Works, 31 Hartford St., Boston, Mass.
Excelsior Machine Co., Buffalo, N. Y.
George H. Hawthorne, Bangor, Me.
Overman Wheel Co., Chicopee Falls, Mass.
Simonds Rolling Machine Co., Fitchburg, Mass.

3680. STEEL BOX BANDS. Canonsburg Iron & Steel Co., Pittsburg, Pa.

3681. STEEL FURNACE PANS & FUNNELS.
W. J. Clark Co., Salem, O.

3682. STEEL GROOVES. Aetna Standard Iron & Steel Co., Bridgeport, O.

3683. STEEL PAILS. W. J. Clark Co., Salem, O.

3684. STEEL SEATS FOR IMPLEMENTS.
Avery Stamping Co., Cleveland, O.

3685. STEEL STAMPINGS. Avery Stamping Co., Cleveland, O.

3686. STEEL WOOL. Adam Etting Co., 278 Madison St., Chicago, Ill.

3687. STEREOTYPE POWDER.
Gleason Boiler Compound Co., Cleveland, O.

3688. STOP COCK BOXES. Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.

3689. STRAPPING BELTS FOR POLISHING.
Ames Sword Co., Chicopee, Mass.

3690. STREET WASHER KEYS.
Illinois Malleable Iron Co., 30 W. Monroe St., Chicago, Ill.

3691. STUDS, LACING. Tubular Rivet & Stud Co., Boston, Mass.

3692. SUGAR REFINERS' LIME.
Anniston Lime & Stone Co., New Orleans, La.

3693. SUSPENDER TRAYS. Josiah Cummings, Son & Co., Boston, Mass.

3694. SUSPENDER TRIMMINGS.
Jos. Adamson & Co., 1652 Germantown Av., Phila., Pa.
American Buckle Co., West Haven, Conn.
Waterbury Buckle Co., Waterbury, Conn.
West Haven Buckle Co., West Haven, Conn.

3695. TABLE CUTLERY TRIMMINGS.
Novelty Mfg. Co., Waterbury, Conn.

3696. TAGS, MERCHANDISE.
Dennison Mfg. Co., Boston, Mass.
Steiner & Co., 167 Wooster St., New York.

3697. TALC.
Notla Con. Marble Iron & Talc Co., Kinsey, N. C.
Pettit Chemical Co., 256 Front St., New York.
Rickard & Hewitt, 104 John St., New York.
C. K. Williams & Co., Easton, Pa.

A. TALC POWDER.
D. M. Steward Mfg. Co., Chattanooga, Tenn.

3698. TALLOW POTS.
Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

3699. TANKS.
Edward P. Allis Co., Milwaukee, Wis.
Bartlett, Hayward & Co., Baltimore, Md.
Brooks Locomotive Works, Dunkirk, N. Y.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
J. I. Case Threshing Machine Co., Racine, Wis.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
Andrew J. Corcoran, 11 John St., New York.
Dalrymple Iron Works, Fair Haven, Vt.
Robert Deeley & Co., 507 W. 32d St., New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
O. K. Harry Steel Works, St. Louis, Mo.
Hazelton Boiler Co., 716 E. 13th St., New York.
Heipershausen Bros., 43 Tompkins St., New York.
E. Hodge & Co., Boston, Mass.
Hopkins & Co., Bridgeton, R. I.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Litchfield Car Works, Litchfield, Ill.
Lombard Iron Works & Supply Co., Augusta, Ga.
Geo. F. Motter & Sons, York, Pa.
Murray Iron Works, Burlington, Iowa.
Novelty Mfg. Co., Rock Island, Ill.
John O'Brien Boiler Wks. Co., 1129 N. Main St., St. Louis, Mo.
Pittsburg Locomotive & Car Works, Pittsburg, Pa.
Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
Riter-Conly Co., Pittsburg, Pa.
Southwark Fdry. & Mach. Wks., Washn. Av. & S. 5th St., Phil., Pa.
Stewart & Peterson Co., Burlington, N. J.
Stover Mfg. Co., Freeport, Ill.
Herman Strater & Sons, Boston, Mass.
U. S. Wind Engine & Pump Co., Batavia, Ill.

	Vulcan Iron Works, Wilkes-Barre, Pa.
	Jos. F. Wangler Boiler & Sheet Iron Wks. Co.,St.Louis,Mo.
	R. W. Whitehurst & Co., Norfolk, Va.
	Williams Mfg. Co., Kalamazoo, Mich.
	F. C. Wilson & Co., 239 Lake St., Chicago, Ill.
	Winship Mfg. Co., Racine, Wis.
A. AMMONIA & ACID TANKS.	American Tube & Iron Co., Middletown, Pa.
	Standard Mfg. Co., Pittsburg, Pa.
B. BRINE TANKS.	Jos. F. Wangler Boiler & Sheet Iron Wks. Co.,St.Louis,Mo.
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
C. CEDAR TANKS.	Flint & Walling Mfg. Co., Kendallville, Ind.
	Ames H. Hall, 140 Chestnut St., Philadelphia, Pa.
	John M. Smith & Sons, 1425 Spring Garden St., Phila., Pa.
	U. S. Wind Engine & Pump Co., Batavia, Ill.
	Geo. Woolford, 2240 N. 9th St., Philadelphia, Pa.
D. COPPER TANKS.	Muskegon Chemical Fire Engine Co., Muskegon, Mich.
E. CYPRESS TANKS.	Cypress Lumber Co., Apalachicola, Fla.
	Flint & Walling Mfg. Co., Kendallville, Ind.
F. EXPANSION TANKS.	A. A. Griffing Iron Co., 66 Centre St., New York.
	John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
G. FISH & OYSTER TANKS.	Monson-Burmah Slate Co., Portland, Me.
H. GALVANIZED STEEL TANKS.	American Steel Tank Co., Mishawaka, Ind.
	Avery Stamping Co., Cleveland, O.
	Brooks Locomotive Works, Dunkirk, N. Y.
	Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
	Davis & Farmer Mfg. Co., Waltham, Mass.
	Flint & Walling Mfg. Co., Kendallville, Ind.
	Hall Steel Tank Co., 61 Ashland Av., Chicago, Ill.
	Sinker-Davis Co., Indianapolis, Ind.
I. GASOLINE TANKS.	Ornamental Stamping Works, Detroit, Mich.
	John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
J. GRAIN TANKS.	S. Freeman & Sons Mfg. Co., Racine, Wis.
	R. R. Howell & Co., Minneapolis, Minn.
	R. Monroe & Son, Pittsburg, Pa.
	Sinker-Davis Co., Indianapolis, Ind.
K. HOT WATER TANKS.	Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
	John Trageser Steam Copper Works, 447 W. 26th St., N. Y.
L. ICE TANKS.	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
M. IRON TANKS.	Atlantic Works, 70 Border St., East Boston, Mass.
	Bartlett, Hayward & Co., Baltimore, Md.
	Bath Iron Works, Bath, Me.
	Birmingham Boiler Works, Birmingham, Ala.
	Brooks Locomotive Works, Dunkirk, N. Y.
	Casey & Hedges Mfg. Co., Chattanooga, Tenn.
	Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
	Robt. Deeley & Co., 507 W. 32d St., New York.
	James R. Floyd's Sons, 539 W. 20th St., New York.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	Frick Co., Waynesboro, Pa. *9
	O. K. Harry Steel Works, St. Louis, Mo.
	May Bros., Galesburg, Ill.
	Moore & White Co., N. Lehigh Av., c. N.15th St., Phila., Pa.
	George F. Motter & Sons, York, Pa.
	Murray, Dougal & Co., Ltd., Milton, Pa.
	Oil City Boiler Works, Inc., Oil City, Pa.
	Pierce Well Engineering & Supply Co., 123 Liberty St., N.Y.
	Pittsburg Locomotive & Car Works, Pittsburg, Pa.
	Remington Machine Co., Wilmington, Del.
	Struthers, Wells & Co., Warren, Pa.
	Tudor Boiler Mfg. Co., Cincinnati, O.
	Vulcan Iron Works, Wilkes-Barre, Pa.
	R. Wetherill & Co., Chester, Pa.
	Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
	John Wood Mfg. Co., Conshohocken, Pa.
	York Mfg. Co., York, Pa.
N. MARINE TANKS.	Atlantic Works, 60 Border St., East Boston, Mass.
	E. Hodge & Co., Boston, Mass.
O. MINING TANKS.	Edward P. Allis Co., Milwaukee, Wis.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
P. OIL TANKS.	Bartlett, Hayward & Co., Baltimore, Md.
	Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
	S. Freeman & Sons Mfg. Co., Racine, Wis.
	W. C. Garrison Mfg. Co., 75 Warren St., New York.
	Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
	Hendrick Mfg. Co., Ltd., Carbondale, Pa.

E. Hodge & Co., 160 Liverpool St., East Boston, Mass.
Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
R. Munroe & Son, Pittsburg, Pa.
John O'Brien Boiler Works Co., St. Louis, Mo.
Pierce Well Engineering & Supply Co., 123 Liberty St., N.Y.
Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
Sinker-Davis Co., Indianapolis, Ind.
Stacey Mfg. Co., 239 Mill St., Cincinnati, O.
Jos. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.
F. Cortez Wilson & Co., 259 Lake St., Chicago, Ill.
York Mfg. Co., York, Pa.

Q. PRESSURE TANKS.
Edward P. Allis Co., Milwaukee, Wis.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
U. S. Projectile Co., 1st Av. & 53d St., Brooklyn, N. Y.

R. STORAGE TANKS.
American Radiator Co., Lake & Dearborn Sts., Chicago, Ill.
O. K. Harry Steel Works, St. Louis, Mo.
Struthers, Wells & Co., Warren, Pa.

S. TANK BAND FASTENERS.
A. P. Dickey Mfg. Co., Racine, Wis.
Flint & Walling Mfg. Co., Kendallville, Ind.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Winship Mfg. Co., Racine, Wis.

T. TANK INDICATORS.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Thos. Shaw, 915 Ridge Av., Philadelphia, Pa.
U. S. Wind Engine & Pump Co., Batavia, Ill.

U. TANK VALVES.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
U. S. Wind Engine & Pump Co., Batavia, Ill.

V. WATER TANKS.
Althouse-Wheeler Co., Waupun, Wis.
Bartlett, Hayward & Co., Baltimore, Md.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Clonbrock Steam Boiler Co., 564 Smith St., Brooklyn, N. Y.
Duplex Mfg. Co., South Superior, Wis.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
O. K. Harry Steel Works, St. Louis, Mo.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
E. Hodge & Co., Boston, Mass.
Farrell Logan & Son, 52 Commercial St., Brooklyn, N. Y.
Moline Pump Co., Moline, Ill.
George F. Motter & Sons, York, Pa.
R. Munroe & Son, Pittsburg, Pa.
Orrville Machine Co., Orrville, O.
Wm. B. Pollock & Co., Youngstown, O.
Riter-Conly Co., Pittsburg, Pa.
San Jose Agricultural Works, San Jose, Cal.
Stacy Mfg. Co., 239 Mill St., Cincinnati, O.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.
Jos. F. Wangler Boiler & Sheet Iron Wks. Co., St. Louis, Mo.
Wells, Russell & Co., San Francisco, Cal.
R. W. Whitehurst & Co., Norfolk, Va.
Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.
York Mfg. Co., York, Pa.

W. WATER TIGHT TANKS, STEEL.
W. J. Clark Co., Salem, O.

X. WIND MILL TANKS.
American Well Works, Aurora, Ill.
Avery Planter Co., Peoria, Ill.
Baker Mfg. Co., Evansville, Wis.
D. H. Bausman, Bausman, Pa.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Decorah Wind Mill Co., Decorah, Iowa.
Duplex Mfg. Co., South Superior, Wis.
Elgin Wind Power & Pump Co., Elgin, Ill.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill
Flint & Walling Mfg. Co., Kendallville, Ind.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Wm. Gregory, Los Angeles, Cal.
May Bros., Galesburg, Ill.
Miller Engine & Mfg. Co., Urbana, O.
Perkins Wind Mill & Axe Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Pierce Well Engineering & Supply Co., 123 Liberty St., N.Y.

Rarig Engineering Co., Columbus, O.
Sandwich Mfg. Co., Sandwich, Ill.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
E. Van Winkle Gin & Machine Works, Atlanta, Ga.
Williams Mfg. Co., Kalamazoo, Mich.
Woodin & Little, San Francisco, Cal.
Woodman & Hewitt Mfg. Co., Freeport, Ill.
Zimmermann Mfg. Co., Auburn, Ind.

Y. WINE TANKS. Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Wells, Russell & Co., San Francisco, Cal.

Z. WOOD TANKS. Baker Mfg. Co., Evansville, Wis.
G. J. Burkhardt's Sons, 2231 N. Broad St., Philadelphia, Pa.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
F. F. Collins Mfg. Co., San Antonio, Tex.
Excelsior Redwood Co., San Francisco, Cal.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
S. Freeman & Sons Mfg. Co., Racine, Wis.
Hayes Pump & Planter Co., Galva, Ill.
R. R. Howell Co., Minneapolis, Minn.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Pierce Well Engineering & Supply Co., 123 Liberty St., N.Y.
J. Schwarzwalder & Sons, 635 W. 51st St., New York.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Williams Mfg. Co., Kalamazoo, Mich.
Winship Mfg. Co., Racine, Wis.

3700. TANNERS' SUPPLIES.

A. CHROME TANNING MATERIALS. Martin Dennis Chrome Tannage Co., Newark, N. J.

B. LIQUOR LOGS. Michigan Pipe Co., Bay City, Mich.
Winship Mfg. Co., Racine, Wis.

C. TANNERS' SAFETY BATES. Robert Harkinson & Co., 315 N. 2d St., Philadelphia, Pa.

3701. TAPERED TUBING. Williams Mfg. Co., Boston, Mass.

3702. TASSEL MOULDS. Atwood, Crawford Co., Pawtucket, R. I.
Chas. Weber, Kensington, Philadelphia, Pa.

3703. TAXIDERMISTS' ARTIFICIAL EYES.
John Kannofsky, 369 Canal St., New York.
Mager & Gouglemann, 104 E. 12th St., New York.

3704. TEMPERED COPPER. Miamisburg Electric Co., Miamisburg, O.
E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.

3705. TEREBENE. McKesson & Robbins, 91 Fulton St., New York.
W. H. Schieffelin & Co., 170 William St., New York.

3706. TERRA ALBA. Pettit Chemical Co., 256 Front St., New York.
C. K. Williams & Co., Easton, Pa.

3707. TEXTILE SUPPLIES.

A. AIR MOISTENERS. American Moistening Co., Boston, Mass.
Phila.Textile Mach.Co.,N.Hancock & Somerset Sts.,Phil.,Pa.
B. F. Sturtevant Co., Boston, Mass.

B. BELT HOLE GUARDS. Draper Co., Hopedale, Mass.

C. BOBBINS. American Supply Co., Providence, R. I.
J. Atkins & Co., Paterson, N. J.
James Baldwin Co., Manchester, N. H.
Brown Bros. & Co., Providence, R. I.
John R. Daggers, Paterson, N. J.
Hartford Machine Co., Hartford, Conn.
L. M. Hartson, North Windham, Conn.
J. S. Jacques Shuttle Co., Lowell, Mass.
Mawson Bros., Newton, Pa.
New England Butt Co., Providence, R. I.
Frank Parker, Lowell, Mass.
L. Sprague Co., Lawrence, Mass.
Stevenson Co., Pittsfield, Mass.
Tunkhannock Mfg. Co., Tunkhannock, Pa.
Van Riper Mfg. Co., Paterson, N. J.

D. BOBBINS IN THE ROUGH. J. K. Atwood, Lisbon, N. H.
J. H. Bowles & Co., Stark, N. H.
Parker & Young Co., Lisbon, N. H.

E. BOBBINS, SILK. H. A. Mack Wood Working Co., Weatherly, Pa.
Mawson Bros., Newton, Pa.
Stevenson Co., Pittsfield, Mass.

F. BONE TATTING SHUTTLES. C. J. Bates, Chester, Conn.

G. BRAID ROLLS.	Atwood-Crawford Co., Pawtucket, R. I.
H. COP SKEWERS.	T. J. Hale, Lawrence, Mass.
	Frank Parker, Lowell, Mass.
	Geo. W. Payne & Co., Pawtucket, R. I.
	Stevenson Co., Pittsfield, Mass.
I. COP TUBE CORRUGATED BLANKS.	F. R. Lewis, Flint, Mich.
J. COP TUBES, PAPER.	J. Brown, Jr., Manayunk, Philadelphia, Pa.
	Robert D. Douglas, Fall River, Mass.
	Haworth & Watson, Lowell, Mass.
	New Bedford Paper Co., New Bedford, Mass.
K. COTTON BANDINGS.	H. A. Briggs & Co., Pawtucket, R. I.
	F. A. Chase & Co., Providence, R. I.
	Covel & Osborne, Fall River, Mass.
	Wm. E. Hooper & Sons, Baltimore, Md.
	E. Jenckes Mfg. Co., Pawtucket, R. I.
	Russell Mfg. Co., Middletown, Conn.
	Small Bros., Fall River, Mass.
L. GLASS RODS & BARS.	Chas. Dempwolf, Jr., Paterson, N. J.
	Philadelphia Medical GlassWks.,1220 Lawrence St.,Phila.,Pa.
	Standard Flint Glass Works, 1120 N. Orianna St., Phila., Pa.
M. GUIDE WIRES.	American Supply Co., Providence, R. I.
	M. S. Brooks & Son, Chester, Conn.
	Draper Co., Hopedale, Mass.
N. HARNESSES, WEAVING.	Paterson Reed & Harness Co., Paterson, N. J.
O. HARNESS FRAMES.	Brown Bros. & Co., Providence, R. I.
	Crompton & Knowles Loom Works, Worcester, Mass.
	Gilbert Loom Co., Worcester, Mass.
	R. R. Street & Co., 184 Washington St., Chicago, Ill.
	J. H. Williams Co., Utica, N. Y.
P. HARNESS STRAPS.	A. Burgess & Son, Providence, R. I.
	William Coupe & Co., South Attleboro, Mass.
	Crompton & Knowles Loom Works, Worcester, Mass.
	Dubuque Harness & Saddlery Co., Dubuque, Iowa.
	E. H. Jacobs Mfg. Co., Danielson, Conn.
	Niagara Harness Factory, 11 Terrace, Buffalo, N. Y.
Q. HARNESS TWINE.	Hadley Co., Boston, Mass.
	J. H. Williams Co., Utica, N. Y.
R. HEDDLES.	American Supply Co., Providence, R. I.
	M. A. Furbush & Son Mach. Co., 224 Market St., Phila., Pa.
	I. A. Hall & Co., Paterson, N. J.
	Howard Bros. Mfg. Co., Worcester, Mass.
	L. S. Watson Mfg. Co., Leicester, Mass.
	J. H. Williams Co., Utica, N. Y.
S. HOSIERY BOARDS.	Taylor & Gordon, Bristol, N. H.
T. JACK HOOKS.	M. S. Brooks & Son, Chester, Conn.
	Landers, Frary & Clark, New Britain, Conn.
U. JUTE MILL SUPPLIES.	Brown Bros. & Co., Providence, R. I.
	Landers, Frary & Clark, New Britain, Conn.
	Samuel E. & T. Stott, Lowell, Mass.
V. LOOM HARNESS.	American Supply Co., Providence, R. I.
	Thos. W. Clegg, Lawrence, Mass.
	Emmons Loom Harness Co., Lawrence, Mass.
	Gibbs Loom Harness & Reed Co., Clinton, Mass.
	I. A. Hall & Co., Paterson, N. J.
	L. F. Liotard, Paterson, N. J.
	Paterson Reed & Harness Co., Paterson, N. J.
	Schaum & Uhlinger, N. 2d St. & Glenwood Av., Phila., Pa.
W. LOOM HARNESS, FANCY.	I. A. Hall & Co., Paterson, N. J.
	Lawrence Supply Co., Lawrence, Mass.
	Paterson Reed & Harness Co., Paterson, N. J.
	Schaum & Uhlinger, N. 2d St. & Glenwood Av., Phila., Pa.
X. LOOM PICKERS.	John W. Barlow, Lawrence, Mass.
	Brown Bros. & Co., Providence, R. I.
	A. Burgess & Son, Providence, R. I.
	Crompton & Knowles Loom Works, Worcester, Mass.
	Josiah Gates & Sons, Lowell, Mass.
	A. & C. W. Holbrook, Providence, R. I.
	E. H. Jacobs Mfg. Co., Danielson, Conn.
	James Smith & Co., Inc., 411 Race St., Philadelphia, Pa.
	Union Belt Co., Fall River, Mass.
	Weatherhead, Thompson & Co., Providence, R. I.
	J. H. Williams Co., Utica, N. Y.
Y. LOOM STRAPS.	J. V. Abbott Mfg. Co., Dedham, Mass.
	American Supply Co., Providence, R. I.
	Brown Bros. & Co., Providence, R. I.

	A. Burgess & Son, Providence, R. I.
	Ira I. England, Providence, R. I.
	Josiah Gates & Sons, Lowell, Mass.
	E. H. Jacobs Mfg. Co., Danielson, Conn.
	Page Belting Co., Concord, N. H.
	Union Belt Co., Fall River, Mass.
	Weatherhead, Thompson & Co., Pawtucket, R. I.
Z. MILL BASKETS.	Balloon Basket Works, Belding, Mich.
	Brown Bros. & Co., Providence, R. I.
	Crane Bros., Westfield, Mass.
	A. & C. W. Holbrook, Providence, R. I.
	Leatheroid Mfg. Co., Kennebunk, Me.
	Racine Basket Co., Racine, Wis.
AA. MILL CANS.	W. J. Clark Co., Salem, O.
	Iron Clad Mfg. Co., 22 Cliff St., New York.
BB. PICKER LEATHER.	Loom Picker Co., Biddeford, Me.
	Providence Belting Co., Providence, R. I.
CC. PICKER LOOPS.	American Supply Co., Providence, R. I.
	A. Burgess & Son, Providence, R. I.
	E. H. Jacobs Mfg. Co., Danielson, Conn.
	M. M. Lahne & Co., Lowell, Mass.
	Loom Picker Co., Biddeford, Me.
DD. PICKER ROD SPRINGS.	Loom Picker Co., Biddeford, Me.
	New England Specialty Co., North Easton, Mass.
EE. PICKER STICKS.	Crompton & Knowles Loom Works, Worcester, Mass.
	E. H. Jacobs Mfg. Co., Danielson, Conn.
	Loom Picker Co., Biddeford, Me.
FF. PORCELAIN MILL GOODS.	Chas. Dempwolf, Jr., Paterson, N. J.
GG. QUILLS.	Chas. Dempwolf, Jr., Paterson, N. J.
	I. A. Hall & Co., Paterson, N. J.
HH. REEDS.	American Supply Co., Providence, R. I.
	James Baldwin Co., Manchester, N. H.
	Brown, Reed & Heddle Co., Lowell, Mass.
	C. Cowles & Co., Inc., New Haven, Conn.
	Draper Co., Hopedale, Mass.
	Emmons Loom Harness Co., Lawrence, Mass.
	Excelsior Loom Reed Works, Pawtucket, R. I.
	Gibbs Loom Harness & Reed Co., Clinton, Mass.
	J. A. Gowdy & Son, Providence, R. I.
	I. A. Hall & Co., Paterson, N. J.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Littlefield & Sawyer, Saco, Me.
	Geo. A. Shepard & Son, Bethel, Conn.
	Stevenson Co., Pittsfield, Mass.
	R. R. Street & Co., 184 Washington St., Chicago, Ill.
	J. Walder, Paterson, N. J.
	J. H. Williams Co., Utica, N. Y.
II. RING TRAVELERS.	American Ring Traveler Co., Providence, R. I.
	Brown Bros. Co., Providence, R. I.
	F. A. Chase & Co., Providence, R. I.
	Fisher, White & Co., Providence, R. I.
	E. Jenckes Mfg. Co., Pawtucket, R. I.
	National Ring Traveler Co., Providence, R. I.
	Prouty Wire Co., Charlton City, Mass.
JJ. ROLL COVERERS' TOOLS & SUPPLIES.	American Supply Co., Providence, R. I.
	James Baldwin Co., Manchester, N. H.
	M. A. Barber, Norwich, Conn.
	James H. Billington & Co., 113 Chestnut St., Phila., Pa.
	F. A. Chase & Co., Providence, R. I.
	D. T. Dudley & Son Co., Wilkinsonville, Mass.
	I. A. Hall & Co., Paterson, N. J.
	J. W. Jackson & Co., 933 N. Orianna St., Philadelphia, Pa.
	Litchfield Shuttle Co., Southbridge, Mass.
	Porter & Co., Watertown, Mass.
	R. Sergeson & Co., 1704 Tulip St., Philadelphia, Pa.
	L. Sprague Co., Lawrence, Mass.
	Stevenson Co., Pittsfield, Mass.
	J. Walder, Paterson, N. J.
	J. H. Williams Co., Utica, N. Y.
KK. ROLL COVERS.	American Supply Co., Providence, R. I.
	H. H. Dickey & Son, Lewiston, Me.
	Ira I. England, Providence, R. I.
	Holyoke Belting Co., Holyoke, Mass.
	E. H. Jacobs & Co., Danielson, Conn.
	E. Jenckes Mfg. Co., Pawtucket, R. I.
	Evan Arthur Leigh, Boston, Mass.

	Ephraim Prentice, Danielson, Conn.
	Stoddard, Haserick, Richards & Co., Boston, Mass.
	Union Belt Co., Fall River, Mass.
	Orrin B. Wetherell, Fall River, Mass.
LL. SILK MILL SUPPLIES.	Brown Bros. & Co., Providence, R. I.
	I. A. Hall & Co., Paterson, N. J.
	H. A. Mack Wood Working Co., Weatherly, Pa.
	Paterson Reed & Harness Co., Paterson, N. J.
	Standard China Works, Trenton, N. J.
MM. SILK THREAD SPOOLS.	Atwood-Crawford Co., Pawtucket, R. I.
NN. SIZE.	American Glutrose Works, 501 Penn. Av., Philadelphia, Pa.
	Jonathan Holt & Co., Lowell, Mass.
	Arthur S. Hoyt, 90 W. Broadway, New York.
	Wm. J. Matheson & Co., Ltd., 182 Front St., New York.
	Muralo Co., New Brighton, N. Y.
OO. SPINDLE BOLSTERS.	Bloom & Godley, Trenton, N. J.
	A. Hopkins & Co., Bridgeton, R. I.
	Geo. W. Payne & Co., Pawtucket, R. I.
	Piqua Handle & Mfg. Co., Piqua, O.
PP. SPINDLE RAILS.	Blakeslee Forging Co., Plantsville, Conn.
QQ. SPINDLES.	B. Buckley's Son, Paterson, N. J.
	F. A. Chase & Co., Providence, R. I.
	Dann Bros. & Co., New Haven, Conn.
	Easton & Burnham, Pawtucket, R. I.
	A. Hopkins & Co., Bridgeton, R. I.
	Evan Arthur Leigh, Boston, Mass.
	Providence Machine Co., Providence, R. I.
	A. A. Westcott & Sons, Hopedale, Mass.
RR. SPINNING RINGS.	American Supply Co., Providence, R. I.
	Brown Bros. & Co., Providence, R. I.
	B. Buckley's Son, Paterson, N. J.
	Draper Co., Hopedale, Mass.
	Stoddard, Haserick, Richards & Co., Boston, Mass.
	A. A. Westcott & Sons, Hopedale, Mass.
	Whitinsville Spinning Ring Co., Whitinsville, Mass.
SS. SPOOLS.	American Supply Co., Providence, R. I.
	J. Atkinson & Co., Paterson, N. J.
	Atwood-Crawford Co., Pawtucket, R. I.
	James Baldwin Co., Manchester, N. H.
	Brown Bros. & Co., Providence, R. I.
	T. J. Hale, Lawrence, Mass.
	J. S. Jacques Shuttle Co., Lowell, Mass.
	Stevenson Co., Pittsfield, Mass.
	Van Riper Mfg. Co., Paterson, N. J.
	Weatherhead, Thompson & Co., Pawtucket, R. I.
TT. SPOOLS, CAST IRON.	Natl. Bolt, Nut & Rivet Works, Reading, Pa.
UU. STRIKING COMBS.	Brown, Reed & Heddle Co., Lowell, Mass.
	Phila. Textile Mach. Co., N. Hancock & Somerset Sts., Phil., Pa.
VV. TAPESTRY BOARDS.	Anthony Wayne Mfg. Co., Fort Wayne, Ind.
WW. THREADED WIRE.	Henry B. Todd, Meriden, Conn.
XX. TRAVELER CLEANERS.	Whitinsville Spinning Ring Co., Whitinsville, Mass.
YY. TRAVELER CUPS.	Whitinsville Spinning Ring Co., Whitinsville, Mass.
ZZ. VULCANIZED FIBRE MILL GOODS.	Stevenson Co., Pittsfield, Mass.
AAA. WASTE BOXES, IRON.	W. J. Clark Co., Salem, O.
	Geo. V. Cresson Co., 18th St. & Allegheny Av., Phila., Pa.
BBB. WIRE SPRING PINS.	E. Jenckes Mfg. Co., Pawtucket, R. I.
CCC. WOOLEN MILL SUPPLIES.	Brown Bros. & Co., Providence, R. I.
	Great Western Mfg. Co., Leavenworth, Kan.
	Standard China Works, Trenton, N. J.
	Wm. Sumner Belting Co., Tolland, Conn.
DDD. WOOL SCOURERS.	Eavenson & Sons, 316 N. 20th St., Philadelphia, Pa.
	C. E. Riley & Co., Boston, Mass.
EEE. WORSTED APRON LEATHER.	Brown Bros. & Co., Providence, R. I.
	Josiah Gates & Sons, Lowell, Mass.
	Chas. A. Schieren & Co., New York.
FFF. WORSTED COMBING APRONS.	American Multiple Fabric Co., Olenville, R. I.
	Josiah Gates & Sons, Lowell, Mass.
	Wm. Parr, Lowell, Mass.
3708. THAWING CANS.	Hercules Powder Co., Wilmington, Del.
3709. THAWING KETTLES.	Arthur Kirk & Son, Pittsburg, Pa.
3710. THIMBLES, BOLT & AXLE.	Jackson Mfg. Co., Harrisburg, Pa.
3711. TIN & IRON WARE TRIMMINGS.	American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.

Baker-McMillan Co., Akron, O.
Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
Canonsburg Iron & Steel Co., Pittsburg, Pa.
Chicago Stamping Co., 10 Lake St., Chicago, Ill.
Thos. Devlin & Co., Lehigh Av. & N. 3d St., Phila., Pa.
Jas. L. Haven Co., Cincinnati, O.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
John H. McGowan Co., Cincinnati, O.
Edward Miller & Co., Meriden, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
C. B. Porter & Co., 128 N. 2d St., Philadelphia, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
Wheeling Metal Co., Wheeling, W. Va.
Wrightsville Hardware Co., Wrightsville, Pa.

3712. TIN LINED BARRELS. C. W. Lawrence, Saratoga Springs, N. Y.

3713. TINNED STEEL. Wilmot & Hobbs Mfg. Co., Bridgeport, Conn. *23

3714. TIN TAGS. Jas. Murdock, Jr., Cincinnati, O.
J. M. Robinson & Co., 225 W. 2d St., Cincinnati, O.
Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
Wheeling Metal Co., Wheeling, W. Va.

3715. TIRED ROLLERS. Brennan & Co., Louisville, Ky.

3716. TOOL BAGS. Beckley-Ralston Co., 161 Lake St., Chicago, Ill.
Gilliam Mfg. Co., Canton, O.
Hunt Mfg. Co., Westboro, Mass.
C. S. Osborne & Co., Newark, N. J.
T. B. Peddie & Co., Inc., Newark, N. J.
M. M. Secor Trunk Co., Racine, Wis.
J. J. Warren Co., Worcester, Mass.

3717. TRIMMINGS, DRESS. Castle Braid Co., 556 Broadway, New York.
James Caven Co., N. 13th & Noble Sts., Philadelphia, Pa.
A. S. Ellison & Co., 105 Greene St., New York.
S. Frankel & Son, 647 Broadway, New York.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
Chr. E. Hertlein, 15 Mercer St., New York.
Wm. H. Horstman Co., Cherry & N. 5th Sts., Phila., Pa.
Kaufman & Rosenthal, New York.
Kursheedt Mfg. Co., 356 W. Broadway, New York.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Hugo Maul & Co., 19 Bond St., New York.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
Lazarus Schwarz & Co., 445 Darien St., Philadelphia, Pa.
Hugo Maul & Co., 19 Bond St., New York.
Sundheimer Bros., 93 Greene St., New York.

A. BULLION TRIMMINGS. Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

B. DRESS BELTS. Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
New York Woven Label Mfg. Co., 262 Canal St., New York.

C. FUR TRIMMINGS. Geo. Brodsky, 1491 Broadway, New York.
Foltz & Co., 114 Bleecker St., New York.
Wm. Jackman & Sons, Cleveland, O.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Adolph Platky & Co., 171 Mercer St., New York.
Leopold Weil & Bros., 83 Mercer St., New York.

D. PASSEMENTERIE. American Trimmings Syndicate, 1123 Broadway, New York.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

E. SILK ORNAMENTS. A. B. Fiedler & Sons, Inc., 234 Franklin St., Chicago, Ill.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
M. Seckel & Co., 13 Mercer St., New York.

F. SOUTACHES. Gold Medal Braid Co., Attleboro Falls, Mass.
Rosenfeld & Jonas, 108 Wooster St., New York.

3718. TRIMMINGS, REGALIA & UNIFORM.

A. CAP ORNAMENTS. Wm. H. Horstman Co., Cherry & N. 5th Sts., Phila., Pa.
Walter J. Vogt, 320 Bridge St., Brooklyn, N. Y.

B. EPAULETTES. Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

C. MILITARY ORNAMENTS. S. A. French, 108 W. 28th St., New York.
Waterbury Button Co., Waterbury, Conn.

D. PLUMES. Chapman Mfg. Co., Meriden, Conn.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Otto Wagner, 111 Mercer St., New York.

E. POMPONS. Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

F. RAILROAD UNIFORM TRIMMINGS. Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

G. REGALIA HOOKS. Wire Goods Co., Worcester, Mass.

H. REGALIA JEWELS. Ames Sword Co., Chicopee, Mass.
I. REGALIA MOUNTINGS. Ames Sword Co., Chicopee, Mass.
J. REGALIA TINSEL BRAIDS. Tate & Co., Malden, Mass.
K. SHOULDER KNOTS. Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
L. SHOULDER STRAPS. Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
M. SOCIETY ORNAMENTS. S. A. French, 108 W. 28th St., New York.
N. TINSEL ORNAMENTS. Schloss & Sons, 556 Broadway, New York.
Walter J. Vogt, 320 Bridge St., Brooklyn, N. Y.

3719. TRIPOLI. Hansen & Van Winkle Co., Newark, N. J.

3720. TROUGHS.
A. GALVANIZED STEEL TROUGHS. Hall Steel Tank Co., 61 N. Ashland Av., Chicago, Ill.
B. HOG TROUGHS. V. Wetherill, Doylestown, Pa.
C. POULTRY TROUGHS. D. H. Bausman, Bausman, Pa.
A. Buch's Sons, Elizabethtown, Pa.
C. W. Costellow, Waterborough, Me.
V. Wetherill, Doylestown, Pa.
D. STEEL STOCK TROUGHS. D. H. Bausman, Bausman, Pa.

3721. TRUCK CASTERS, RUBBER WHEEL. Geo. P. Clark, Windsor Locks, Conn.

3722. TRUNK SUPPLIES.
A. FIGURED ZINC. M. Gould's Son & Co., Newark, N. J.
B. LEATHER HANDLES. M. Gould's Son & Co., Newark, N. J.
Victor Knecht, Cincinnati, O.
J. J. Warren Co., Worcester, Mass.
C. TRUNK OUTFITS. Western Tray Factory, Cincinnati, O.
D. TRUNK PAPER. Henry P. Wood, 20 Reade St., New York.
E. TRUNK SLATS. Henry P. Wood, 20 Reade St., New York.

3723. TUBING, FLEXIBLE. American Tubing & Webbing Co., Providence, R. I.
Atlantic Mfg. Co., Providence, R. I.
B. F. Goodrich Co., Akron, O.
H. W. Johns Mfg. Co., 100 William St., New York.
A. GAS STOVE TUBING, COVERED. American Tubing & Webbing Co., Providence, R. I.

3724. TURNED PIECES, SPECIAL, IRON & BRASS. Detroit Screw Works, Detroit, Mich.

3725. TUYERES & FITTINGS.
Bullock Bellows Co., Cleveland, O.
Abner Doble Co., San Francisco, Cal.
Empire Forge Co., Lansingburg, N. Y.
Epping-Carpenter Co., Pittsburg, Pa.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Kier Bros., Pittsburg, Pa.
Duncan Mackenzie, Trenton, N. J.
Riter-Conly Co., Pittsburg, Pa.
P. H. & F. M. Roots Co., Connersville, Ind.
Silver Mfg. Co., Salem, O.
A. R. Thompson, Stevenson Bldg., Indianapolis, Ind.
Towers & Sullivan Mfg. Co., Rome, Ga.

3726. TYPEWRITER SUPPLIES.
American Writing Machine Co., 316 Broadway, New York.
Densmore Typewriter Co., 316 Broadway, New York.
John Underwood & Co., 30 Vesey St., New York.
F. S. Webster Co., Boston, Mass.
A. STEEL TYPE. N. Y. Stencil Works, 100 Nassau St., New York.
B. TYPEWRITER CUSHION KEYS. Typewriter Cushion Key Co., 297 Washn. St., Newark, N. J.
C. TYPEWRITER RIBBONS. Carter's Ink Co., 172 Columbus Av., Boston, Mass.
Hull Mfg. Co., 99 Madison St., Chicago, Ill.
A. P. Little, Rochester, N. Y.
N. Y. Carbon & Transfer Paper Co., 107 Liberty St., N. Y.
Typewriter Cushion Key Co., Newark, N. J.
F. S. Webster Co., Boston, Mass.
Chas. H. Wood & Co., 5th Av. & Jackson St., Chicago, Ill.
D. TYPEWRITER ROLLS. N. J. Car Spring & Rubber Co., Jersey City, N. J.

3727. UMBRELLA & PARASOL SUPPLIES.
A. PARASOL HANDLES. M. Friedman & Co., 202 Houston St., New York.
A. Krouse, Bridgeport, Conn.
B. UMBRELLA ARMS. Grand Rapids Brass Co., Grand Rapids, Mich.
C. UMBRELLA FRAMES. American Mfg. Co., 65 Wall St., New York.
Jos. Barnhurst Co., 1616 N. 21st St., Philadelphia, Pa.
Jos. Conoway & Co., 442 N. 12th St., Philadelphia, Pa.
D. UMBRELLA HANDLES. W. J. Braitsch & Co., Providence, R. I.
M. Friedman & Co., 202 Houston St., New York.

A. Krouse, Bridgeport, Conn.
Lancaster Silver Plate Co., Lancaster, Pa.

E. UMBRELLA HANDLES, CELLULOID.
Arlington Mfg. Co., 475 Broadway, New York.
A. F. Bannister & Co., Newark, N. J.
Celluloid Co., Newark, N. J.

F. UMBRELLA MOUNTINGS.
J. Briggs & Sons Co., Providence, R. I.
Geo. W. Dover, Providence, R. I.
S. W. Evans & Son, Frankford, Philadelphia, Pa.
Lancaster Silver Plate Co., Lancaster, Pa.
Novelty Mfg. Co., Waterbury, Conn.
Winckler & Son, 142 Fulton St., New York.

G. UMBRELLA STEEL RODS.
Ellwood Ivine Tube Co., Philadelphia, Pa.

H. UMBRELLA STICKS.
Golberg & Weber, 9 Baxter St., New York.
Harvey & Watts Co., 275 Canal St., New York.
Winter & Ball Mfg. Co., Jersey City, N. J.

I. UMBRELLA TIES.
H. Twitchell & Son, Union City, Conn.

3728. UNDERTAKERS' SUPPLIES.

Cobalt Mfg. Co., Cobalt, Conn.
Chicago Coffin Co., 465 S. Canal St., Chicago, Ill.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
National Casket Co., Rochester, N. Y.
Koch Falls Mfg. Co., Sterling, Ill.
Saugatuck Mfg. Co., Saugatuck, Conn.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
Strong Mfg. Co., Winsted, Conn.
Textile Mfg. Co., Westfield, Mass.

A. BURIAL CASES.
Cincinnati Coffin Co., Cincinnati, O.
Cleveland Burial Case Co., Cleveland, O.
Crane & Breed Mfg. Co., Cincinnati, O.
East Bangor Con. Slate Co., East Bangor, Pa.
Embalming Burial Case Co., Burlington, Iowa.
Erie Burial Case Co., Erie, Pa.
L. H. Hall & Co., Atlanta, Ga.
Iowa Coffin Co., Dubuque, Iowa.
National Casket Co., Rochester, N. Y.
Rock Falls Mfg. Co., Sterling, Ill.
Rockford Burial Case Co., Rockford, Ill.

B. BURIAL ROBES.
Chicago Coffin Co., 465 S. Canal St., Chicago, Ill.
Crawfordsville Casket Co., Crawfordsville, Ind.
Mound Coffin Co., 2000 W. 2d St., St. Louis, Mo.
Muskingum Coffin Co., Zanesville, O.
National Casket Co., Rochester, N. Y.
Peabody Mfg. Co., Manchester, N. H.
Rock Falls Mfg. Co., Sterling, Ill.
J. M. Shanahan & Co., 267 Bowery, New York.

C. CABINETS FOR CASKETS.
National Casket Co., Rochester, N. Y.

D. CASKET BRACKETS.
Strong Mfg. Co., Winsted, Conn.

E. CASKET HARDWARE.
Chicago Coffin Co., 465 S. Canal St., Chicago, Ill.
Grilley Co., New Haven, Conn.
Meriden Britannia Co., Meriden, Conn.
Mound Coffin Co., 2000 N. 2d St., St. Louis, Mo.
National Casket Co., Rochester, N. Y.
Pairpoint Mfg. Co., New Bedford, Mass.
Rock Falls Mfg. Co., Sterling, Ill.

F. CASKET LININGS.
Chicago Coffin Co., 465 S. Canal St., Chicago, Ill.
Mound Coffin Co., 2000 N. 2d St., St. Louis, Mo.
National Casket Co., Rochester, N. Y.
Peabody Mfg. Co., Manchester, N. H.
J. M. Shanahan & Co., 267 Bowery, New York.
Strong Mfg. Co., Winsted, Conn.

G. CASKET MOULDINGS.
National Casket Co., Rochester, N. Y.
Schrafft & Co., Newark, N. J.

H. CASKET NAME PLATES.
Meriden Britannia Co., Meriden, Conn.
Mound Coffin Co., 2000 N. 2d St., St. Louis, Mo.
National Casket Co., Rochester, N. Y.
Reed & Barton Corporation, Taunton, Mass.

I. CASKETS, CLOTH COVERED.
Chattanooga Coffin & Casket Co., Chattanooga, Tenn.
Chicago Coffin Co., 465 S. Canal St., Chicago, Ill.
Crane & Breed Mfg. Co., Cincinnati, O.
Gate City Coffin Co., Atlanta, Ga.
Iowa Coffin Co., Dubuque, Iowa.
Mound Coffin Co., 2000 N. 2d St., St. Louis, Mo.
Muskingum Coffin Co., Zanesville, O.
National Casket Co., Rochester, N. Y.

J. COFFIN HINGES.
Eagle Lock Co., Terryville, Conn.
National Casket Co., Rochester, N. Y.

K. COFFINS & CASKETS.	Buckstaff-Edwards Co., Oshkosh, Wis.
	Burlington Coffin Co., Burlington, N. C.
	Chattanooga Coffin & Casket Co., Chattanooga, Tenn.
	Chicago Coffin Co., 465 S. Canal St., Chicago, Ill.
	Cincinnati Coffin Co., Cincinnati, O.
	Crane & Breed Mfg. Co., Cincinnati, O.
	Gate City Coffin Co., Atlanta, Ga.
	Globe Casket Mfg. Co., Kalamazoo, Mich.
	L. H. Hall & Co., Atlanta, Ga.
	Hornthal & Co., 31 Bond St., New York.
	Iowa Coffin Co., Dubuque, Iowa.
	Mound Coffin Co., 2000 N. 2d St., St. Louis, Mo.
	Muskingum Coffin Co., Zanesville, O.
	National Casket Co., Rochester, N. Y.
	N. Y. & Brooklyn Casket Co., 34 S. 9th St., Brooklyn, N. Y.
	Northwestern Casket Co., Minneapolis, Minn.
	Rock Falls Mfg. Co., Sterling, Ill.
	G. W. Wooley & Son, Hartford, Conn.
L. COFFIN TRIMMINGS.	Boston Button Co., Boston, Mass.
	Chicago Coffin Co., 465 S. Canal St., Chicago, Ill.
	Cincinnati Coffin Co., Cincinnati, O.
	Crane & Breed Mfg. Co., Cincinnati, O.
	Hamilton, Lemon, Arnold Co., Pittsburg, Pa.
	Louis J. Lamb, Attleboro, Mass.
	Meriden Britannia Co., Meriden, Conn.
	National Casket Co., Rochester, N. Y.
	Pairpoint Mfg. Co., New Bedford, Mass.
	Reed & Barton Corporation, Taunton, Mass.
	Rock Falls Mfg. Co., Sterling, Ill.
	C. Rogers & Bros., Meriden, Conn.
	Sargent & Co., New Haven, Conn.
	Strong Mfg. Co., Winsted, Conn.
	W. D. Wilmarth & Co., Attleboro, Mass.
M. COOLING BOARDS.	B. F. Gleason, Brockport, N. Y.
	National Casket Co., Rochester, N. Y.
N. DEPILATING FLUID.	Mills & Lacey Mfg. Co., Grand Rapids, Mich.
O. EMBALMERS' CABINETS.	Mills & Lacey Mfg. Co., Grand Rapids, Mich.
P. EMBALMERS' RUBBER GOODS.	B. F. Goodrich Co., Akron, O.
Q. EMBALMING FLUID.	T. E. Baird, Toledo, O.
	Frank W. Dickinson, Springfield, Mass.
	Egyptian Chemical Co., Boston, Mass.
	Egyptian Embalmers Co., Rochester, N. Y.
	Embalmers' Supply Co., Westport, Conn.
	Mills & Lacey Mfg. Co., Grand Rapids, Mich.
R. EMBALMING HEAD RESTS.	B. F. Goodrich Co., Akron, O.
S. EMBALMING INSTRUMENTS.	Embalmers' Supply Co., Westport, Conn.
	Mills & Lacey Mfg. Co., Grand Rapids, Mich.
	H. D. Taggert, Akron, O.
T. KNOCKED DOWN COFFINS.	Loomis & Hart Mfg. Co., Chattanooga, Tenn.
U. TRIMMING TABLES FOR CASKETS.	National Casket Co., Rochester, N. Y.

3729. UPHOLSTERY SUPPLIES & BEDDING.

	M. Rosenfeld & Co., 240 Broadway, New York.
A. ARTIFICIAL MOSS.	Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
B. BEDDING SUPPLIES.	F. E. Little & Co., St. Louis, Mo.
	P. R. Mitchell Co., 39 5th Av., Chicago, Ill.
	Scarritt-Comstock Furniture Co., St. Louis, Mo.
	Taylor & Ellis, 261 Canal St., New York.
C. BLIND ROLLERS.	Stewart Hartshorn Co., East Newark, N. J.
	Meriden Curtain Fixture Co., Meriden, Conn.
D. CAR UPHOLSTERY.	McKay Curtain Co., Wilmington, Del.
E. CURLED CORK.	Paddock Mfg. Co., 21 Dodworth St., Brooklyn, N. Y.
F. CURLED HAIR.	American Curled Hair Co., 506 W. 45th St., New York.
	Armour Curled Hair Works, 205 Lasalle St., Chicago, Ill.
	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
	Baeder, Adamson & Co., 730 Market St., Philadelphia, Pa.
	Delaney & Co., 209 N. 3d St., Philadelphia, Pa.
	Gem Hammock & Fly Net Co., Milwaukee, Wis.
	Glover & Willcomb, Boston, Mass.
	P. R. Mitchell Co., Cincinnati, O.
	C. P. Rogers & Co., 264 6th Av., New York.
	Frederick Walpert & Co., Baltimore, Md.
	A. W. Wheeler & Co., Boston, Mass.
	Peter Woll & Sons, Berks, c. Mutter Sts., Philadelphia, Pa.

G. CURTAIN & SHADE CORDS.	Ossawan Mills Co., Norwich, Conn. Samson Cordage Co., Boston, Mass, Tate & Co., Malden, Mass.
H. CURTAIN LOOPS.	Crandal, Stone & Co., Binghamton, N. Y. Dash & Carriage Goods Co., Cincinnati, O. Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa. Schrack & Sherwood, 233 Market St., Philadelphia, Pa. Turner & Seymour Mfg. Co., Torrington, Conn. Union Upholstery Trimming Co., 605 W. 36th St., New York.
I. CURTAIN POLE RINGS.	H. L. Judd & Co., 87 Chambers St., New York. Piqua Handle & Mfg. Co., Piqua, O. Turner & Seymour Mfg. Co., Torrington, Conn. Waterbury Mfg. Co., Waterbury, Conn.
J. CURTAIN POLES, WOOD.	W. E. Arnold & Co., Baltimore, Md. Ferguson Bros., 449 W. 30th St., New York. Edward Roos Mfg. Co., W. 16th, c. Fisk St., Chicago, Ill. South Side Mfg. Co., Petersburg, Va. Toledo Moulding Co., Toledo, O. Vermont Shade Roller Co., Burlington, Vt. J. R. Webber Moulding Co., St. Louis, Mo.
K. CURTAIN ROLLERS, CARRIAGE.	Spring Perch Co., Bridgeport, Conn.
L. CURTAIN STRAPS.	Dash & Carriage Goods Co., Cincinnati, O.
M. DECORATING FELT.	Alfred Dolge & Son, New York. Jos. Wild & Co., Kosciusko St., Brooklyn, N. Y.
N. DOWN.	Cold Blast Feather Co., 45 W. Vanburen St., Chicago, Ill. Chas. E. Redcliffe, Long Hills, Conn. A. Reineman, 160 Mercer St., New York. Scarritt-Comstock Furniture Co., St. Louis, Mo.
O. DOWN QUILTS.	R. Blankenburg & Co., 617 Chestnut St., Philadelphia, Pa. Industry Quilt Works, Lansdowne, Pa. McGrath & Bisgood, Buffalo, N. Y. Clarence Whitman & Co., 39 Leonard St., New York.
P. DRAPERY FRINGES.	Carl Buschner, 738 Broadway, New York. Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa. Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa. M. Rosenfeld & Co., 240 Broadway, Brooklyn, N. Y. Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
Q. EXCELSIOR.	Boston Excelsior Co., Boston, Mass. Cold Blast Feather Co., 40 W. Vanburen St., Chicago, Ill. Covington Excelsior Co., Covington, Ky. J. W. Fox Excelsior Co., Grand Rapids, Mich. G. H. Lounsbery & Sons, Cincinnati, O. Russell Bros. & Estes Co., Phillips, Me.
R. EXTENSION SHADE HANGERS.	Schroth & Potter, Columbus, O.
S. FURNITURE CORDS.	Wm. H. Horstmann Co., Cherry & N. 5th St., Phila., Pa. Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa. Samson Cordage Works, Boston, Mass. Schrack & Sherwood, 233 Market St., Philadelphia, Pa. Sutro Bros. Braid Co., 127 Spring St., New York.
T. GALLOONS.	Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
U. GEESE FEATHERS.	Cold Blast Feather Co., 40 W. Vanburen St., Chicago, Ill. Dubuque Mattress Factory, Dubuque, Iowa. Ely & Walker Dry Goods Co., St. Louis, Mo. Glover & Willcomb, Boston, Mass. Frank A. Hall, 120 Baxter St., New York. Jacob Kaiser & Co., St. Louis, Mo. F. E. Little & Co., St. Louis, Mo. J. H. Lloyd, Kansas City, Mo. C. P. Rogers & Co., 264 6th Av., New York. Sanitary Feather Co., 249 S. Canal St., Chicago, Ill.
V. LEATHER BUTTONS.	T. P. Howell & Co., Newark, N. J. F. V. Johnson, 56 Union Square, New York. Tockwotton Co., Providence, R. I.
W. LEATHER GIMPS.	T. V. Johnson, 56 Union Square, New York. Parker Bros., Lynn, Mass.
X. LEATHER TRIMMINGS.	T. V. Johnson, 56 Union Square, New York.
Y. MOSS, UPHOLSTERERS'.	Baeder, Adamson & Co., 733 Market St., Philadelphia, Pa.
Z. PORTIÈRES.	Chauncey Tapestry Co., Chauncey, N. Y. Paine Furniture Co., Boston, Mass. Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
AA. ROPE PORTIÈRES.	Oehrle Bros. & Co., 1002 Arch St., Philadelphia, Pa. Union Upholstery Trimming Co., 605 W. 36th St., New York.
BB. SHADE LOOPS.	American Window Shade Co., New York. F. Boyer, 231 Randolph St., Chicago, Ill.

	Columbia Shade Cloth Co., 41 Union Square, New York.
	Flint Co., Providence, R. I.
	Great Western Shade Co., 1971 W. Madison St., Chicago, Ill.
	Fred. L. Hunninghaus, 510 Broadway, New York.
	Meriden Curtain Fixture Co., Meriden, Conn.
	Nevius & Haviland, 420 Broome St., New York.
	Opaque Shade Cloth Co., S. Peoria & W. 121st Sts., Chic.,Ill.
	Paris Mfg. Co., South Paris, Me.
	Vermont Shade Roller Co., Burlington, Vt.
	Jay C. Wemple Co., 537 Broadway, New York.
	Western Shade Cloth Co., 51 N. Peoria St., Chicago, Ill.
CC. SHADE RODS.	Columbia Shade Cloth Co., 41 Union Square, New York.
	Jas. C. Wemple Co., 337 E. 20th St., New York.
DD. SHADE ROLLERS.	Stewart Hartshorn Co., East Newark, N. J.
	H. L. Judd & Co., 87 Chambers St., New York.
	Meriden Curtain Fixture Co., Meriden, Conn.
	Minetto Shade Cloth Co., Minetto, N. Y.
	New Haven Wire Mfg. Co., New Haven, Conn.
	Opaque Shade Cloth Co., West Pullman, Ill.
	Vermont Shade Roller Co., Burlington, Vt.
	Jay C. Wemple Co., 37 E. 20th St., New York.
EE. SHADE ROLLERS, SELF-ACTING.	Cushman Bros. & Co., Boston, Mass.
	Stewart Hartshorn Co., East Newark, N. J.
	Hees, McFarlane & Co., Detroit, Mich.
	Meriden Curtain Fixture Co., Meriden, Conn.
	Minetto Shade Cloth Co., Minetto, N. Y.
	Nevius & Haviland, 420 Broome St., New York.
	Jay C. Wemple Co., 37 E. 20th St., New York.
FF. SHADE ROLLERS, TIN.	Stewart Hartshorn Co., East Newark, N. J.
	Meriden Curtain Fixture Co., Meriden, Conn.
	Jay C. Wemple Co., 37 E. 20th St., New York.
GG. SHADE TRIMMINGS.	Henry W. Green & Co., 1716 Market St., Philadelphia, Pa.
	F. W. Maurer & Sons, 528 Cherry St., Philadelphia, Pa.
	Opaque Shade Cloth Co., West Pullman, Ill.
HH. SPRING ROLLERS.	Columbia Shade Cloth Co., 41 Union Square, New York.
	Stewart Hartshorn Co., Harrison, N. J.
	Meriden Curtain Fixture Co., Meriden, Conn.
	Minetto Shade Cloth Co., Minetto, N. Y.
	Jay C. Wemple Co., 37 E. 20th St., New York.
II. TASSELS.	Bridgeport Coach Lace Co., Bridgeport, Conn.
	Chicago Fringe & Embroidery Co., 61 Market St., Chic., Ill.
	Hofmann & Ellrodt, 91 Mercer St., New York.
	Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
	Ludwig Mfg. Co., Jersey City, N. J.
	Hugo Maul & Co., 19 Bond St., New York.
	Oehrle Bros. & Co., 1002 Arch St., Philadelphia, Pa.
	L. B. Schaeffer, Jersey City, N. J.
	C. Weinberger & Co., 33 W. 23d St., New York.
	Weinz Trimming Co., Boston, Mass.
JJ. TASSELS, BRASS.	H. L. Judd & Co., 87 Chambers St., New York.
	Turner & Seymour Mfg. Co., Torrington, Conn.
KK. TASSELS, DRAPERY.	Carl Buschner, 738 Broadway, New York.
	Wm. H. Horstmann Co., Cherry & N. 5th St., Phila., Pa.
	Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
	Ludwig Mfg. Co., Jersey City, N. J.
	M. Rosenfeld & Co., 240 Broadway, Brooklyn, N. Y.
	Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
	Weinz Trimming Co., Boston, Mass.
LL. TASSELS, SILK.	A. S. Ellison, 105 Greene St., New York.
	Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
	Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
	M. Seckel & Co., 13 Mercer St., New York.
	Weinz Trimming Co., Boston, Mass.
MM. TUFTING BUTTONS.	Atlas Tack Corporation, Taunton, Mass.
	C. Cowles & Co., New Haven, Conn.
	Crandal, Stone & Co., Binghamton, N. Y.
	Dash & Carriage Goods Co., Cincinnati, O.
	Tockwotton Co., Providence, R. I.
NN. UPHOLSTERERS' MATERIALS.	Geo. Brooks & Son, 617 Stephen Girard Bldg., Phila., Pa
	Chauncey Tapestry Co., Chauncey, N. Y.
	Hind & Harrison Plush Co., Clark Mills, N. Y.
	Wm. H. Horstmann Co., Cherry & N. 5th St., Phila., Pa.
	Oehrle Bros. & Co., 1002 Arch St., Philadelphia, Pa.
OO. UPHOLSTERERS' TOW.	J. I. Wallace, Jackson, Minn.
PP. UPHOLSTERY TRIMMINGS.	Barnes & Beyer, E. Indiana & A Sts., Philadelphia, Pa.
	Carl Buschner, 738 Broadway, New York.

E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Ludlow Mfg. Co., Ludlow, Mass.
Oehrle Bros. & Co., 1002 Arch St., Philadelphia, Pa.
M. Rosenfeld & Co., 240 Broadway, Brooklyn, N. Y.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.
Lazarus Schwarz & Co., 25th & Biddle Sts., Phila., Pa.
Union Upholstery Trimming Co., 605 W. 36th St., New York.
C. Weinberg & Co., 31 W. 23d St., New York.
Alfred Ziegler, 111 Chauncey St., Boston, Mass.

QQ. WINDOW SHADES.
W. E. Arnold & Co., Baltimore, Md.
Atlantic Window Shade Co., Newark, N. J.
Bailey Weston Co., Boston, Mass.
Cushman Bros. & Co., Boston, Mass.
Henry T. Free & Co., 956 N. 2d St., Philadelphia, Pa.
I. P. Frink, 551 Pearl St., New York.
John S. Gage, 510 Broadway, New York.
Henry W. Green & Co., 1716 Market St., Philadelphia, Pa.
Hees, McFarlane & Co., Detroit, Mich.
Fred L. Hunninghaus, 510 Broadway, New York.
F. Kling & Co., 113 Worth St., New York.
F. J. Kloes, 153 Centre St., New York.
Lartz Wall Paper Co., 45 Randolph St., Chicago, Ill.
McMaster, Eldridge & Naugle Co., 635 Arch St., Phila., Pa.
Meriden Curtain Fixture Co., Meriden, Conn.
Minetto Shade Cloth Co., Minetto, N. Y.
Opaque Shade Cloth Co., West Pullman, Ill.
Pinney, Casse & Lackey Co., 273 Canal St., New York.
Schroth & Potter, 305 Front St., Columbus, O.
Jay C. Wemple & Co., 37 E. 20th St., New York.

RR. WINDOW SHADES, DECORATED.
Atlantic Window Shade Co., Newark, N. J.
Bailey Weston Co., Boston, Mass.
Henry T. Free & Co., 956 N. 2d St., Philadelphia, Pa.
H. C. Kroh & Co., 1133 Broadway, New York.
Meriden Curtain Fixture Co., Meriden, Conn.
Schroth & Potter, Columbus, O.
Jay C. Wemple Co., 37 E. 20th St., New York.

3730. URN GAUGES.
Haydenville Mfg. Co., 73 Beekman St., New York.

3731. VALVE LININGS.
Kennedy Valve Mfg. Co., 57 Beekman St., New York.

3732. VARNISH CAN CAPS & NOZZLES.
Bridgeport Brass Co., Bridgeport, Conn.

3733. VATS, CEDAR.
Geo. J. Burkhardt's Sons, 2831 N. Broad St., Phila., Pa.
Amos H. Hall, 140 Chestnut St., Philadelphia, Pa.
A. Hopkins & Co., Bridgeton, R. I.
John M. Smith & Sons, 1425 Spring Garden St., Phila., Pa.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Winship Mfg. Co., Racine, Wis.
Geo. Woolford, 2240 N. 9th St., Philadelphia, Pa.

3734. VEGETABLE GLUE.
Diamond Paste Co., Albany, N. Y.

A. VEGETABLE SIZE.
Diamond Paste Co., Albany, N. Y.

3735. VULCANIZED FIBRE GOODS.
Delaware Hard Fibre Co., Wilmington, Del.
H. A. Mack Wood Working Co., Weatherly, Pa.
Vulcanized Fibre Co., Wilmington, Del.

3736. VULCANIZING SUPPLIES.
National Cement & Rubber Mfg. Co., Toledo, O.

3737. WALL PAPER STAINERS.
F. C. Huyck & Sons, Albany, N. Y.

3738. WAREHOUSE CARS, FIBRE.
Delaware Hard Fibre Co., Wilmington, Del.

3739. WASH BOILER HANDLES.
Haslet, Flanagan & Co., 116 N. 2d St., Philadelphia, Pa.

3740. WASHERS.
Peters & Herron Dash Co., Columbus, O.

A. ASBESTOS WASHERS.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.

B. FELT WASHERS.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.

C. LEATHER WASHERS.
W. J. Clark Co., Salem, O.
Darling Pump & Mfg. Co., Williamsport, Pa.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.
I. G. Marston & Co., Boston, Mass.
McKinnon Dash Co., Buffalo, N. Y.
Raymond Mfg. Co., Ltd., Corry, Pa.
Rockford Neck Yoke Works, Rockford, Ill.
C. E. Soverign, Rockford, Ill.

D. PAPER WASHERS.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.

E. RAWHIDE WASHERS.
New Process Raw Hide Co., Syracuse, N. Y.

3741. WASTE.

K. Egan & Co., 19 Burling Slip, New York.
Estate of Robt. Bishop, Boston, Mass.
Lowell Waste Co., Lowell, Mass.
Massasoit Mfg. Co., Fall River, Mass.
Wm. H. Noyes & Bro., Newburyport, Mass.
Olmsted & Tuttle Co., Chicopee, Mass.
Riverside Mills, Augusta, Ga.
Southern Waste Works, Ltd., 922 S. 16th St., Phila., Pa.
Union Wadding Co., Inc., Pawtucket, R. I.

A. COTTON WASTE.

Barton & Cookston, Fitchburg, Mass.
John Blakeley & Son, 1089 Germantown Av., Phila., Pa.
H. A. Briggs & Co., Pawtucket, R. I.
W. Sherman Lees, 52 Leonard St., New York.
Dexter P. Lillie & Co., Indian Orchard, Mass.
Livermore Foundry & Mach. Co., Memphis, Tenn.
Marietta Paper Mfg. Co., Marietta, Ga.
Massasoit Mfg. Co., 56 Leonard St., New York.
Olmstead & Tuttle Co., Chicopee, Mass.
Riverside Mills, Augusta, Ga.
Southern Waste Works, Ltd., 922 S. 16th St., Phila., Pa.
David Sykes, E. Dauphin & Amber Sts., Philadelphia, Pa.

B. SPINNING & BATTING WASTE.

Olmsted & Tuttle Co., Chicopee, Mass.
Riverside Mills, Augusta, Ga.

C. WOOL WASTE.

John Blakeley & Son, 1089 Germantown Av., Phila., Pa.
Wm. J. Johnston, 41 Letitia St., Philadelphia, Pa.
Dexter P. Lillie & Co., Indian Orchard, Mass.
Livermore Foundry & Mach. Co., Memphis, Tenn.
Olmsted & Tuttle Co., Chicopee, Mass.
Riverside Mills, Augusta, Ga.
Southern Waste Works, Ltd., 922 S. 16th St., Phila., Pa.
David Sykes, E. Dauphin & Amber Sts., Philadelphia, Pa.

3742. WATERPROOFING COMPOUND.

A. Viscal Co., East Cambridge, Mass.

3743. WEATHER STRIPS.

A. FELT WEATHER STRIPS.

D. W. Bosley Co., 210 Washington Boul., Chicago, Ill.

B. METALLIC WEATHER STRIPS.

D. W. Bosley Co., 210 Washington Boul., Chicago, Ill.
Patent Metallic Weather Strip Co., 74 W. 23d St., New York.
S. Roebuck, 172 Fulton St., New York.

C. RUBBER WEATHER STRIPS.

D. W. Bosley Co., 210 Washington Boul., Chicago, Ill.
John S. Gage, 27 Barclay St., New York.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
L. R. Harsha Mfg. Co., 793 Carroll Av., Chicago, Ill.
Mechanical Rubber Co., 22 Murray St., New York.
Patent Metallic Weather Strip Co., 74 W. 23d St., New York.
Peleger Mfg. Co., 958 W. Spaulding Av., Chicago, Ill.
Protective Ventilator Co., 153 Fulton St., New York.
S. Roebuck, 172 Fulton St., New York.
United Rubber Co., Trenton, N. J.
W. T. Valentine & Son, Albany, N. Y.

3744. WELDING COMPOUND.

Welding Compound Co., 152 Putnam St., Paterson, N. J.

3745. WELL SUPPLIES.

Barnes Mfg. Co., Mansfield, O.
Cardwell Machine Co., Richmond, Va.
A. D. Cook, Lawrenceburg, Ind.
Darling Pump & Mfg. Co., Williamsport, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
W. H. Gray, Milwaukee, Wis.
M. Kelley & Taneyhill, Waterloo, Iowa.
National Tube Works Co., McKeesport, Pa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N.Y.
St. Louis Well Machine & Tool Co., St. Louis, Mo.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Williams Mfg. Co., Kalamazoo, Mich.

A. DRIVE WELL OUTFITS.

Fort Worth Iron Works, Fort Worth, Tex.
Pierce Well Engineering & Supply Co., 123 Liberty St., N.Y.

B. OIL WELL SUPPLIES.

Chester Pipe & Tube Co., 267 S. 4th St., Philadelphia, Pa.
Darling Pump & Mfg. Co., Williamsport, Pa.
Emery Mfg. Co., Bradford, Pa.
Leather & Brass Mfg. Co., Seneca Falls, N. Y.
Lehr Agricultural Co., Fremont, O.
Morris, Tasker & Co., Ltd., 222 S. 3d St., Philadelphia, Pa.
National Tube Works Co., Boston, Mass.
Oil Well Supply Co., Pittsburg, Pa.
Pierce Well Engineering & Supply Co., 123 Liberty St., N.Y.
James Smith, Franklin, Pa.

3746. WHALEBONE.	Chas. A. Steltmann, 82 Walker St., New York.	
3747. WHEEL CASES.	Dalrymple Iron Works, Fair Haven, Vt.	
3748. WHEELS.		
A. AGRICULTURAL IMPLEMENT WHEELS.	Arnold Metal Wheel Co., New London, O.	
	Bettendorf Metal Wheel Co., Davenport, Iowa.	
	Niles & Scott Co., La Porte, Ind.	
	Turnbull Wagon Co., Defiance, O.	
	Weston-Mott Co., Utica, N. Y.	
B. DUMB WAITER WHEELS.	John Campbell, Manchester, N. H.	
C. EDGER WHEELS.	E. C. Atkins & Co., Indianapolis, Ind.	*19 & 20
D. HARD RUBBER TIRED WHEELS.	Shortsville Wheel Co., Shortsville, N. Y.	
E. INVALID CHAIR WHEELS.	Weston-Mott Co., Utica, N. Y.	
F. IRON WHEELS.	Gendron Wheel Co., Toledo, O.	
	Kilbourne & Jacobs Mfg. Co., Columbus, O.	
	Lansing Wheelbarrow Co., Lansing, Mich.	
	Murray Iron Works Co., Burlington, Iowa.	
	Niles & Scott Co., La Porte, Ind.	
G. METAL WHEELS.	Bettendorf Metal Wheel Co., Springfield, O.	
	Chrome Steel Works, Kent Av. & Hooper Sts., B'klyn, N. Y.	
	Niles & Scott Co., La Porte, Ind.	
	Peru Plow & Wheel Co., Peru, Ill.	
	Standard Steel Works, 1103 Harrison Bldg., Phila., Pa.	
	Taylor Iron & Steel Co., High Bridge, N. J.	
	Toledo Metal Wheel Co., Toledo, O.	
H. MOTOR WHEELS.	Missouri Car & Foundry Co., St. Louis, Mo.	
I. SKIP WHEELS.	Taylor Iron & Steel Co., High Bridge, N. J.	
J. STEEL WHEELS.	Buda Foundry & Mfg. Co., Harvey, Ill.	
	Niles & Scott Co., La Porte, Ind.	
	Sheffield Car Co., Three Rivers, Mich.	
	Shunk Plow Co., Bucyrus, O.	
	Steel Tired Wheel Co., 115 Broadway, New York.	
	Taylor Iron & Steel Co., High Bridge, N. J.	
K. STEEL WIRE WHEELS.	Gendron Wheel Co., Toledo, O.	
	Tricycle Mfg. Co., Springfield, O.	
	Weston-Mott Co., Utica, N. Y.	
L. TRUCK WHEELS & STANDS.	Archibald Wheel Co., Lawrence, Mass.	
	Geo. P. Clark, Windsor Locks, Conn.	
	Lobdell Car Wheel Co., Wilmington, Del.	
	New York Car Wheel Works, Buffalo, N. Y.	
M. TRUCK WHEELS, RUBBER COVERED.	Boston Belting Co., Boston, Mass.	
	Geo. P. Clark, Windsor Locks, Conn.	
	Goodyear Rubber Co., 787 Broadway, New York.	
	Kilbourne & Jacobs Mfg. Co., Columbus, O.	
	Lansing Wheelbarrow Co., Lansing, Mich.	
N. WHEEL SCRAPER WHEELS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.	
O. WOOD WHEELS.	Diamond Machine Co., Providence, R. I.	
	Niles & Scott Co., La Porte, Ind.	
	Turnbull Wagon Co., Defiance, O.	
3749. WHEEL TRUEING STANDS.	R. C. Wall Mfg. Co., 725 Arch St., Philadelphia, Pa.	
3750. WHIP HANDLES.	A. Krouse, Bridgeport, Conn.	
3751. WHIP MOUNTINGS.	S. W. Evans & Son, Frankford, Philadelphia, Pa.	
	L. Winckler, 142 Fulton St., New York.	
3752. WINE FILTERS.	Loew Filter Co., Cleveland, O.	
3753. WIRE REELS.	Richmond Safety Gate Co., Richmond, Ind.	
3754. WIRE ROPE COUPLERS.	Milne Mfg. Co., Monmouth, Ill.	
3755. WIRE ROPE DRESSING.	A. Leschen & Sons Rope Co., St. Louis, Mo.	
3756. WIRE SCREEN CLOTH HOLDERS.	John Hosford, Monroeville, O.	
3757. WIRE VALVE WHEELS.	Sawyer Tool Co., Athol, Mass.	
3758. WOOD BORDERS.	Heber Wells, 157 William St., New York.	
3759. WOODEN DRUMS.	George Woolford, 2240 N. 9th St., Philadelphia, Pa.	
3760. WOODEN DYE TUBS.	George Woolford, 2240 N. 9th St., Philadelphia, Pa.	
3761. WOODEN LIME VATS.	George Woolford, 2240 N. 9th St., Philadelphia, Pa.	
3762. WOODEN RINGS.	Piqua Handle & Mfg. Co., Piqua, O.	
3763. WOOD TURNINGS.	Muscatine Sash-Door Co., Muscatine, Iowa.	
3764. WOOL.	W. A. Allen Wool Commission Co., 189 Michigan St., Chic., Ill.	
	Bach, Becker & Co., 107 Michigan St., Chicago, Ill.	
	A. M. Carstairs & Co., 143 Kinzie St., Chicago, Ill.	
	Chicago Wool Exchange, 12 N. Clark St., Chicago, Ill.	

Christy & Wise, San Francisco, Cal.
Coffin & Dodd, 128 Michigan St., Chicago, Ill.
Denny, Rice & Co., 606 Atlantic Av., Boston, Mass.
Dewey, Gould & Co., Boston, Mass.
Jacob Dreyfus, 214 Michigan St., Chicago, Ill.
Thomas Evans, 273 Loomis St., Chicago, Ill.
Fenno Bros. & Childs, 117 Federal St., Boston, Mass.
John H. Graham, 143 Kinzie St., Chicago, Ill.
Joseph G. Hall, 207 Kinzie St., Chicago, Ill.
John H. Howard, 138 Washington St., Chicago, Ill.
Justice, Bateman & Co., 122 S. Front St., Philadelphia, Pa.
Luce & Manning, 138 Federal St., Boston, Mass.
McMillan Fur & Wool Co., Minneapolis, Minn.
Henry C. Moses, 112 Federal Court, Boston, Mass.
A. Muehlhausen & Son, Cleveland, O.
W. T. Tilden, 254 N. Front St., Philadelphia, Pa.
Franklin Wyman, Boston, Mass.

A. PULLED WOOL.
Carroll S. Page, Hyde Park, Vt.
Sawyer Tanning Co., Napa, Cal.
Winslow Bros., Norwood, Mass.

3765. WOOL EXTRACTS.
J. A. Bowen, South Acton, Mass.
Connor Bros., Holyoke, Mass.
Riverside Woolen Co., Northbridge, Mass.
E. A. Tracey, South Coventry, Conn.

3766. WORK BENCHES.
American Tool Chest Co., 200 W. Houston St., New York.

3767. WOVEN RATTAN.
Hale & Kilburn Mfg. Co., 48 N. 6th St., Philadelphia, Pa.

3768. ZINC OXIDE.
Mineral Point Zinc Co., Mineral Point, Wis.
National Paint Works, Williamsport, Pa.
New Jersey Zinc Co., 52 Wall St., New York.
Passaic Zinc Co., 111 Liberty St., New York.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

3769. ZINC TAGS.
Wheeling Metal Co., Wheeling, W. Va.

XLI. VARNISHES.

3770. DRYERS.
Acme White Lead & Color Works, Detroit, Mich.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
Berry Bros., Ltd., Detroit, Mich.
Bridgeport Wood Finishing Co., New Milford, Conn.
Emil Calman & Co., 299 Pearl St., New York.
C. W. H. Carter, 10 Vandewater St., New York.
L. C. Gillespie, 74 Cortlandt St., New York.
Hersey Mfg. Co., South Boston, Mass.
Chas. H. Howell & Co., 212 Race St., Philadelphia, Pa.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
R. McWilliams, Ltd., New Orleans, La.
Murphy Varnish Co., Newark, N. J.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., Newark, N. J.
Thresher & Co., Dayton, O.

A. JAPAN DRYERS.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
Ault & Wiborg Co., Cincinnati, O.
Berry Bros., Ltd., Detroit, Mich.
Cleveland Varnish Co., Cleveland, O.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
F. O. Pierce Co., 170 Fulton St., New York.
Pratt & Lambert, Inc., 100 William St., New York.
Thresher & Co., Dayton, O.

B. LIQUID DRYERS.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
Berry Bros., Ltd., Detroit, Mich.
Emil Calman & Co., 299 Pearl St., New York.
H. H. Clark & Co. Linseed Oil Works, Decatur, Ill.

Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
H. W. Johns Mfg. Co., 100 William St., New York.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Pratt & Lambert, Inc., 100 William St., New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

C. TRANSPARENT DRYERS.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
Berry Bros., Ltd., Detroit, Mich.
Bridgeport Wood Finishing Co., New Milford, Conn.
Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.

3771. FINISH.

A. BLACKING FINISH.
Morse Blacking Co., Boston, Mass.

B. LEATHER FINISH.
Morse Blacking Co., Boston, Mass.

C. OIL FINISH.
Berry Bros., Ltd., Detroit, Mich.
Bridgeport Wood Finishing Co., New Milford, Conn.
Emil Calman & Co., 299 Pearl St., New York.
Cleveland Varnish Co., Cleveland, O.
David B. Crockett Co., Bridgeport, Conn.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Essex Paint Works, Essex, Conn.
Felton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Lowenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
F. O. Pierce Co., 170 Fulton St., New York.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., 255 N. J. R. R. Av., Newark, N. J.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

D. WALL FINISH.
Muralo Co., New Brighton, N. Y.
Williams & Co., Nashua, N. H.

E. WAX FINISH.
Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Interior Hardwood Co., Indianapolis, Ind.
Longman & Martinez, 207 Pearl St., New York.

F. WOOD FINISH.
Adams Etting Co., 278 E. Madison St., Chicago, Ill.
Charles Baker Co., Worcester, Mass.
Bridgeport Wood Finishing Co., New Milford, Conn.
Cleveland Varnish Co., Cleveland, O.
David B. Crockett Co., Bridgeport, Conn.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Mayer & Lowenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Price, Bond & Co., 255 N. J. R. R. Av., Newark, N. J.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

3772. GOLD SIZE.
Ault & Wiborg Co., Cincinnati, O.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
John S. Chase, 197 Chrystie St., New York.
Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
F. O. Pierce Co., 170 Fulton St., New York.
L. A. Salomon & Bro., 216 Pearl St., New York.

A. GOLD SIZE OIL.
Acme White Lead & Color Works, Detroit, Mich.

3773. JAPANS.
Acme White Lead & Color Works, Detroit, Mich.
John L. Armitage & Co., Newark, N. J.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa
Ault & Wiborg Co., Cincinnati, O.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Bigelow Varnish Co., Newark, N. J.
Bridgeport Wood Finishing Co., New Milford, Conn.
Emil Calman & Co., 299 Pearl St., New York.
Chicago Wood Finishing Co., 259 Elton Av., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.

F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Glidden Varnish Co., Cleveland, O.
Hampden Paint & Chemical Co., Springfield, Mass.
Longman & Martinez, 207 Pearl St., New York.
Massachusetts Chemical Co., Boston, Mass.
Mayer & Loewenstein, 164 Water St., New York.
Minett Varnish Co., 1210 Ridge Av., Philadelphia, Pa.
Moller & Schumann, Marcy & Flushing Avs., B'klyn, N. Y.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., 255 N. J. R. R. Av., Newark, N. J.
Standard Varnish Works, 29 Broadway, New York.
Thresher & Co., Dayton, O.
U. S. Varnish Co., Cincinnati, O.

3774. LACQUERS.
Detroit White Lead Works, Detroit, Mich.
Glidden Varnish Co., Cleveland, O.
Marx & Rawolle, 163 William St., New York.
Moller & Schumann, Marcy & Flushing Avs., B'klyn, N. Y.
Safety Cement & Shoe Dressing Co., Fernwood, Pa.
Standard Varnish Works, 29 Broadway, New York.
W. Zinsser & Co., 197 William St., New York.

3775. MEDIUMS.

A. ARTISTS' MEDIUMS.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Murphy Varnish Co., Newark, N. J.

B. CHINA DECORATORS' MEDIUMS.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.

3776. PATENT LEATHER ENAMEL.
Berry Bros., Ltd., Detroit, Mich.
Blanchard Bros. & Lane, Newark, N. J.
Detroit White Lead Works, Detroit, Mich.
L. C. Gillespie, 74 Cortlandt St., New York.
Tileite Enamel Paint Mfg. Co., 56 N. 2d St., Phila., Pa.

3777. POLISH.

A. BICYCLE POLISH.
William A. Franklin & Co., Rochester, N. Y.

B. CARRIAGE POLISH.
Bridgeport Wood Finishing Co., New Milford, Conn.
Detroit White Lead Works, Detroit, Mich.
Mayer & Loewenstein, 164 Water St., New York.

C. FLOOR POLISH.
Bridgeport Wood Finishing Co,, New Milford, Conn.
Butcher Polish Co., Boston, Mass.
Interior Hardwood Co., Indianapolis, Ind.
F. O. Pierce Co., 170 Fulton St., New York.
Wood Mosaic Co., Rochester, N. Y.

D. FURNITURE POLISH.
Acme White Lead & Color Works, Detroit, Mich.
Adams Etting Co., 278 E. Madison St., Chicago, Ill.
Bridgeport Wood Finishing Co., New Milford, Conn.
Chicago Wood Finishing Co., 259 Elston Av., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
Lowel & Tracy Oil Co., Hartford, Conn.

E. PIANO POLISH.
Bridgeport Wood Finishing Co., New Milford, Conn.
Detroit White Lead Works, Detroit, Mich.

3778. SHELLACS.
Berry Bros., Ltd., Detroit, Mich.
Cleveland Varnish Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
M. Feigel & Bro., 149 Mercer St., New York.
L. C. Gillespie, 74 Cortlandt St., New York.
Glidding Varnish Co., Cleveland, O.
E. Kasebier & Co., 175 Pearl St., New York.
Longman & Martinez, 207 Pearl St., New York.
Marx & Rawolle, 163 William St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Pratt & Lambert, Inc., 100 William St., New York.
Rogers & Pyatt, 80 Maiden Lane, New York.
W. Zinsser & Co., 197 William St., New York.

3779. VARNISHES.
Acme White Lead & Color Works, Detroit, Mich.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
John Babcock & Co., 104 Water St., Boston, Mass.
Barrett Mfg. Co., 200 Broadway, New York.
Lewis U. Bean & Co., 922 Cherry St., Philadelphia, Pa.
Berry Bros., Ltd., Detroit, Mich.
Bigelow Varnish Co., Newark, N. J.
Billings, Taylor & Co., Cleveland, O.
Bridgeport Wood Finishing Co., New Milford, Conn.

Emil Calman & Co., 299 Pearl St., New York.
Carlisle Mfg. Co., South Bend, Ind.
Chicago Wood Finishing Co., 259 Elston Av., Chicago, Ill.
David B. Crockett Co., Bridgeport, Conn.
Watts De Golyer Co., 377 Illinois St., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Felton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
L. C. Gillespie, 74 Cortlandt St., New York.
Glidden Varnish Co., Cleveland, O.
Hampden Paint & Chemical Co., Springfield, Mass.
E. L. Henter, San Francisco, Cal.
Louis G. Hoffman Varnish Mfg. Co., St. Louis, Mo.
Chas. H. Howell & Co., 212 Race St., Philadelphia, Pa.
H. W. Johns Mfg. Co., 100 William St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Massachusetts Chemical Co., Boston, Mass.
Mayer & Loewenstein, 164 Water St., New York.
Minett Varnish Co., 1210 Ridge Av., Philadelphia, Pa.
Moller & Schumann, Marcy & Flushing Avs., B'klyn, N. Y.
Mound City Paint & Color Co., St. Louis, Mo.
Murphy Varnish Co., Newark, N. J.
S. Obermayer, Cincinnati, O.
Parrott Varnish Co., Bridgeport, Conn.
Pratt & Lambert, Inc., 100 William St., New York.
Queen City Varnish Co., Cincinnati, O.
A. Robbins Varnish Co., St. Louis, Mo.
Robert Shoemaker & Co., 201 N. 4th St., Philadelphia, Pa.
Edward Smith & Co., 45 Broadway, New York.
Standard Varnish Works, 29 Broadway, New York.
Thresher & Co., Dayton, O.
D. F. Tiemann & Co., 140 W. Broadway, New York.
Sigmund Ullman Co., 446 E. 146th St., New York.
U. S. Varnish Co., Cincinnati, O.
Valentine & Co., 57 Broadway, New York.
Wadsworth, Howland Co., Boston, Mass.
Herman Wolf & Co., Cincinnati, O.
Wood & Shephard Varnish Co., 35 Wythe Av., B'klyn, N. Y.
Samuel P. Wright, Camden, N. J.

A. AGRICULTURAL VARNISH.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
Ault & Wiborg Co., Cincinnati, O.
Berry Bros., Ltd., Detroit, Mich.
Emil Calman & Co., 299 Pearl St., New York.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
Watts De Golyer Co., 377 Illinois St., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
R. McWilliams, Ltd., New Orleans, La.
Mica Roofing Co., 100 William St., New York.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
Parrott Varnish Co., Bridgeport, Conn.
F. O. Pierce Co., 170 Fulton St., New York.
Pratt & Lambert, Inc., 100 William St., New York.
Queen City Varnish Co., Cincinnati, O.
J. W. Stickney & Co., Boston, Mass.
Thresher & Co., Dayton, O.
Valentine & Co., 57 Broadway, New York.

B. ARCHITECTURAL VARNISH.
Watts De Golyer Co., 377 Illinois St., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
Glidden Varnish Co., Cleveland, O.

C. ARTISTS' VARNISH.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Murphy Varnish Co., Newark, N. J.
Valentine & Co., 57 Broadway, New York.

D. ASPHALTUM VARNISH.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
Berry Bros., Ltd., Detroit, Mich.
Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.

L. C. Gillespie, 74 Cortlandt St., New York.
Long Island Paint & Color Works, 26 Broadway, New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
McClintock & Irvine, Allegheny, Pa.
R. McWilliams, Ltd., New Orleans, La.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
H. F. Watson Co., Erie, Pa.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

E. BLACK VARNISH.

Armitage Mfg. Co., Richmond, Va.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
Atlas Paint Co., Ltd., Pittsburg, Pa.
Barrett Mfg. Co., 290 Broadway, New York.
Berry Bros., Ltd., Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Mica Roofing Co., 100 William St., New York.

F. BREWERS' VARNISH.

Cleveland Brewers' Supply Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
L. C. Gillespie, 74 Cortlandt St., New York.
Marx & Rawolle, 163 William St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Meyer Supply Co., St. Louis, Mo.
Queen City Varnish Co., Cincinnati, O.
Valentine & Co., 57 Broadway, New York.
W. Zinsser & Co., 197 William St., New York.

G. CABINET VARNISH.

Ault & Wiborg Co., Cincinnati, O.
Berry Bros., Ltd., Detroit, Mich.
Bigelow Varnish Co., Newark, N. J.
Emil Calman & Co., 299 Pearl St., New York.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
Minett Varnish Co., 1210 Ridge Av., Philadelphia, Pa.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., Newark, N. J.
Thresher & Co., Dayton, O.
Valentine & Co., 57 Broadway, New York.

H. CARRIAGE VARNISH.

Acme White Lead & Color Works, Detroit, Mich.
John L. Armitage & Co., Newark, N. J.
John Babcock & Co., 104 Water St., Boston, Mass.
Babcock Varnish Co., 156 Western Av., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Bigelow Varnish Co., Newark, N. J.
Billings, Taylor & Co., Cleveland, O.
Emil Calman, 299 Pearl St., New York.
Cleveland Varnish Co., Cleveland, O.
Watts De Golyer Co., 377 Illinois St., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Felton, Sibley & Co., 136 N. 4th St., Philadelphia, Pa.
L. C. Gillespie, 74 Cortlandt St., New York.
Glidden Varnish Co., Cleveland, O.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
R. McWilliams, Ltd., New Orleans, La.
Minett Varnish Co., 1210 Ridge Av., Philadelphia, Pa.
Moller & Schumann, Marcy & Flushing Avs., B'klyn, N. Y.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., 255 N. J. R. R. Av., Newark, N. J.
Queen City Varnish Co., Cincinnati, O.
C. Schrack & Co., 152 N. 4th St., Philadelphia, Pa.
Edw. Smith & Co., 45 Broadway, New York.

Standard Varnish Works, 29 Broadway, New York.
Thresher & Co., Dayton, O.
Valentine & Co., 57 Broadway, New York.
C. H. W. Wellpott, St. Louis, Mo.
Wood & Shephard Varnish Co., 33 Wythe Av., B'klyn, N. Y.

I. CELLULOID VARNISH.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
Longman & Martinez, 207 Pearl St., New York.
Murphy Varnish Co., Newark, N. J.

J. DIPPING VARNISH.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Murphy Varnish Co., Newark, N. J.

K. EMBOSSERS' STAMPING VARNISH.
C. W. H. Carter, 10 Vandewater St., New York.

L. FURNITURE VARNISH.
John L. Armitage & Co., Newark, N. J.
Berry Bros., Ltd., Detroit, Mich.
Billings, Taylor & Co., Cleveland, O.
Emil Calman & Co., 299 Pearl St., New York.
Cleveland Varnish Co., Cleveland, O.
Watts De Golyer Co., 377 Illinois St., Chicago, Ill.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Glidden Varnish Co., Cleveland, O.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
R. McWilliams, Ltd., New Orleans, La.
Moller & Schumann, Marcy & Flushing Avs., B'klyn, N. Y.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., 255 N. J. R. R. Av., Newark, N. J.
Standard Varnish Works, 29 Broadway, New York.
Thresher & Co., Dayton, O.
C. H. W. Wellpott, St. Louis, Mo.
Wood & Shephard Varnish Co., 33 Wythe Av., B'klyn, N.Y.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

M. GEAR VARNISH.
Ault & Wiborg Co., Cincinnati, O.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Parrott Varnish Co., Bridgeport, Conn.
Thresher & Co., Dayton, O.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

N. INTERIOR VARNISH.
Atlantic Drier & Varnish Co., 710 Drexel Bldg., Phila., Pa.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Pratt & Lambert, Inc., 100 William St., New York.
Standard Varnish Works, 29 Broadway, New York.
Wood & Shephard Varnish Co., 33 Wythe Av., B'klyn, N.Y.

O. JAPANNERS' VARNISH.
Berry Bros., Ltd., Detroit, Mich.
Cleveland Varnish Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
L. C. Gillespie, 74 Cortlandt St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.

Minett Varnish Co., 1210 Ridge Av., Philadelphia, Pa.
Murphy Varnish Co., Newark, N. J.
Pratt & Lambert, Inc., 100 William St., New York.
Valentine & Co., 57 Broadway, New York.

P. LABEL VARNISH.
Mayer & Loewenstein, 164 Water St., New York.

Q. LEATHER TOP VARNISH.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Valentine & Co., 57 Broadway, New York.

R. MARBLEIZERS' VARNISH.
Berry Bros., Ltd., Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Valentine & Co., 57 Broadway, New York.

S. OIL CLOTH VARNISH.
Berry Bros., Ltd., Detroit, Mich.
Emil Calman & Co., 299 Pearl St., New York.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Valentine & Co., 57 Broadway, New York.

T. PIANO VARNISH.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
L. C. Gillespie, 74 Cortlandt St., New York.
Glidden Varnish Co., Cleveland, O.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Parrott Varnish Co., Bridgeport, Conn.
Thresher & Co., Dayton, O.
Valentine & Co., 57 Broadway, New York.

U. PICTURE FRAME VARNISH.
Detroit White Lead Works, Detroit, Mich.

V. RAILWAY VARNISH.
John L. Armitage & Co., Newark, N. J.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Bigelow Varnish Co., Newark, N. J.
Billings, Taylor & Co., Cleveland, O.
Emil Calman & Co., 299 Pearl St., New York.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
Watts De Golyer Co., 377 Illinois St., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Glidden Varnish Co., Cleveland, O.
Longman & Martinez, 207 Pearl St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
R. McWilliams, Ltd., New Orleans, La.
Minett Varnish Co., 1210 Ridge Av., Philadelphia, Pa.
Moller & Schumann, Marcy & Flushing Avs., B'klyn, N. Y.
Murphy Varnish Co., Newark, N. J.
Parrott Varnish Co., Bridgeport, Conn.
F. O. Pierce Co., 170 Fulton St., New York.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., Newark, N. J.
Queen City Varnish Co., Cincinnati, O.
Standard Varnish Works, 29 Broadway, New York.
Thresher & Co., Dayton, O.
Valentine & Co., 57 Broadway, New York.

W. RUBBING VARNISH.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Emil Calman & Co., 299 Pearl St., New York.
Cleveland Varnish Co., Cleveland, O.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
Longman & Martinez, 207 Pearl St., New York.
John W. Masury & Son, 44 Jay St., Brooklyn, N. Y.
Murphy Varnish Co., Newark, N. J.
Parrott Varnish Co., Bridgeport, Conn.

Pratt & Lambert, Inc., 100 William St., New York.
Thresher & Co., Dayton, O.
Valentine & Co., 57 Broadway, New York.
C. A. Woolsey Paint & Color Co., Jersey City, N. J.

X. SHELLAC VARNISH.
Acme White Lead & Color Works, Detroit, Mich.
M. L. Barrett & Co., 219 Lake St., Chicago, Ill.
Berry Bros., Ltd., Detroit, Mich.
Chicago Wood Finishing Co., 259 Elston Av., Chicago, Ill.
Cleveland Varnish Co., Cleveland, O.
Detroit White Lead Works, Detroit, Mich.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
M. Feigel & Bro., 149 Mercer St., New York.
Longman & Martinez, 207 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
R. McWilliams, Ltd., New Orleans, La.
Murphy Varnish Co., Newark, N. J.
Pratt & Lambert, Inc., 100 William St., New York.
Rogers & Pyatt, 80 Maiden Lane, New York.
L. A. Salomon & Bro., 216 Pearl St., New York.

Y. SPAR VARNISH.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
David B. Crockett Co., Bridgeport, Conn.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
L. C. Gillespie, 74 Cortlandt St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Pratt & Lambert, Inc., 100 William St., New York.
Price, Bond & Co., 255 N. J. R. R. Av., Newark, N. J.
Valentine & Co., 57 Broadway, New York.

Z. SPIRIT VARNISH.
E. Kasebier & Co., 175 Pearl St., New York.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Pratt & Lambert, Inc., 100 William St., New York.
Rogers & Pyatt, 80 Maiden Lane, New York.

AA. TAG VARNISH.
Berry Bros., Ltd., Detroit, Mich.
Emil Calman & Co., 299 Pearl St., New York.

BB. WAGON VARNISH.
John Babcock & Co., 104 Water St., Boston, Mass.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
L. C. Gillespie, 74 Cortlandt St., New York.
John Lucas & Co., 4th & Race Sts., Philadelphia, Pa.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
O'Brien Varnish Co., South Bend, Ind.
Parrott Varnish Co., Bridgeport, Conn.

CC. WALL PAPER VARNISH.
Mayer & Loewenstein, 164 Water St., New York.

DD. WHIP VARNISH.
John L. Armitage & Co., Newark, N. J.
Berry Bros., Ltd., Detroit, Mich.
Chicago Varnish Co., Dearborn & Kinzie Sts., Chicago, Ill.
L. C. Gillespie, 74 Cortlandt St., New York.
Hampden Paint & Chemical Co., Springefild, Mass.
Mayer & Loewenstein, 164 Water St., New York.
Murphy Varnish Co., Newark, N. J.
Parrott Varnish Co., Bridgeport, Conn.
Edward Smith & Co., 45 Broadway, New York.
Valentine & Co., 57 Broadway, New York.

EE. YACHT VARNISH.
Wood & Shephard Varnish Co., 33 Wythe Av., B'klyn, N. Y.

3780. VARNISH REMOVER.
Bridgeport Wood Finishing Co., New Milford, Conn.

XLII. VEHICLES AND PARTS.

3781. ANTI-SHAFT RATTLERS.
Algis Mfg. Co., Marshalltown, Iowa.
American Shaft Holder Co., Wabash, Ind.
American Supply Mfg. Co., 20 Warren St., New York.
Boston Belting Co., 256 Devonshire St., Boston, Mass.

Empire Rubber Mfg. Co., Trenton, N. J.
Fernald Mfg. Co., North East, Pa.
Garry Iron & Steel Roofing Co., Cleveland, O.
Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Wm. R. Hartigan, Collinsville, Conn.
Home Rubber Co., Trenton, N. J.
Ideal Mfg. Co., Oneida, N. Y.
F. E. Kohler & Co., Canton, O.
Monarch Carriage Goods Co., Cincinnati, O.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park Place, New York.
Raymond Mfg. Co., Ltd., Corry, Pa.
Searls Mfg. Co., Newark, N. J.
Trenton Rubber Co., Trenton, N. J.
Wilcox & Howe Co., Birmingham, Conn.

3782. APRONS.

Buckeye Mfg. Co., Anderson, Ind.
Fairfield Rubber Co., Fairfield, Conn.
J. F. Goodrich & Co., New Haven, Conn.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Monarch Carriage Goods Co., Cincinnati, O.
Nease, McLean & McGinness, Pittsburg, Pa.
David A. Smith, 1632 Wabash Av., Chicago, Ill.
Stoughton Rubber Co., Boston, Mass.

A. APRON FASTENERS.

C. Cowles & Co., Inc., New Haven, Conn.
English & Mersick Co., New Haven, Conn.
Higgins Mfg. Co., Newport, Ky.
Metal Stamping Co., 386 W. Broadway, New York.
Wilcox & Howe Co., Birmingham, Conn.

3783. AUTOMOBILE MOTORS & SUPPLIES.

A. AUTOMOBILE GASOLINE MOTORS.

St. Louis Gasoline Motor Co., St. Louis, Mo.
Strong Motor Co., 32 Broadway, New York.

B. AUTOMOBILE SUPPLIES.

Premier Mfg. Co., Hartford, Conn.

C. ELECTRIC VEHICLE PROPELLING DEVICE.

William F. Zimmermann, East Orange, N. J.

D. MOTOR CYCLE PARTS.

Munson Horseless Carriage Co., La Porte, Ind.

E. SLOW SPEED POWER MOTORS.

Munson Horseless Carriage Co., La Porte, Ind.

F. TRANSMISSION GEARS.

St. Louis Gasoline Motor Co., St. Louis, Mo.

3784. AUTOMOBILES.

Automobile Machine Co., Bridgeport, Conn.
J. C. Blevney, Newark, N. J.
Bramwell-Robinson Co., Hyde Park, Mass.
Canda Mfg. Co., Carteret, N. J.
Cleveland Machine Screw Co., Cleveland, O.
Crouch Automobile Mfg. Co., Baltimore, Md.
Daimler Mfg. Co., 169 Broadway, New York.
Dovetail Co., Crawfordsville, Ind.
Duryea Wagon Co., Springfield, Mass.
Eaton Motor Carriage Co., Portland, Me.
Elgin Automobile Co., Elgin, Ill.
J. Frank Duryea, Springfield, Mass.
Electric Carriage & Battery Co., Cleveland, O.
Electric Vehicle Co., 100 Broadway, New York.
Frantz Body Mfg. Co., Akron, O.
General Electric Co., Lynn, Mass.
Geneva Wagon Co., Geneva, N. Y.
Graef Motor Co., Brooklyn, N. Y.
Holyoke Motor Carriage Co., Holyoke, Mass.
Holyoke Motor Works, Holyoke, Mass.
Lewis Motor Vehicle Co., Philadelphia, Pa.
Liquid Air Power & Automobile Co., Boston, Mass.
Marsh Motor Carriage Co., Brockton, Mass.
W. T. McCullough, 122 Massachusetts Av., Boston, Mass.
Mississippi Valley Automobile Trans. Co., E. St. Louis, Mo.
Mobile Co. of America, Irvington-on-Hudson, N. Y.
National Motor Co., Stamford, Conn.
Niagara Automobile Co., Niagara Falls, N. Y.
Olds Gasoline Engine Works, Lansing, Mich.
Olds Motor Carriage Co., Detroit, Mich.
Olds Motor Vehicle Co., Lansing, Mich.
Overman Wheel Co., Chicopee Falls, Mass.
Patton Motor Co., Chicago, Ill.

	Phila. Motor Wagon Co., Camden, N. J.
	Pittsburg Motor Vehicle Co., Pittsburg, Pa.
	Poste Bros. Buggy Co., Columbus, O.
	Rhode Island Automobile Co., Providence, R. I.
	Rochester Electric Vehicle Co., Rochester, N. Y.
	C. H. Sieg Mfg. Co., Kenosha, Wis.
	St. Louis Gasoline Motor Co., 115 S. 11th St., St. Louis, Mo.
	C. M. Spencer, Windsor, Conn.
	Standard Novelty Co., Port Huron, Mich.
	Still Motor Co., Toronto, Can.
	Strathmore Automobile Co., Albion Bldg., Boston, Mass.
	U. S. Automobile Co., Pawtucket, R. I.
	U. S. Motor Carriage Co., Andover, Mass.
	U. S. Motor Co. of Pittsburg & Allegheny, Pittsburg, Pa.
	Whitney Steam Carriage Works, East Boston, Mass.
A. COMPRESSED AIR AUTOMOBILES.	American Wheelock Engine Co., Worcester, Mass.
	Automobile Air Carriage Co., 132 Front St., New York.
	T. H. Buckley & Co., Worcester, Mass.
	Jeremiah Haley, Hartford, Conn.
	J. A. Jenney, New Bedford, Mass.
B. ELECTRIC AUTOMOBILES.	American Electric Vehicle Co., 1545 Michigan Av., Chic., Ill.
	Boston Automobile Mfg. Co., Boston, Mass.
	Columbia & Electric Vehicle Co., Hartford, Conn.
	Electric Vehicle Co., 100 Broadway, New York.
	Gen. Electric Automobile Co. of Phila., Bourse, Phila., Pa.
	John C. Henry, Denver, Col.
	Illinois Electric Vehicle Co., Chicago, Ill.
	Indiana Bicycle Co., Indianapolis, Ind.
	Keating Wheel Co., Middletown, Conn.
	J. M. Quimby & Co., Newark, N. J.
	Riker Electric Motor Co., 85 Washington St., Brooklyn, N.Y.
	J. W. Stringer, Marion, O.
	U. S. Automobile Co., Attleboro, Mass.
	Union Electric Co., Portland, Me.
	Waltham Mfg. Co., Waltham, Mass.
	Woods Motor Vehicle Co., Chicago, Ill.
C. ELECTRIC CABS.	Electric Vehicle Co., 100 Broadway, New York.
	Rae Motor Cycle Co., 140 Dearborn St., Chicago, Ill.
D. ELECTRIC DELIVERY WAGONS.	Gen. Electric Automobile Co. of Phila., Bourse, Phila., Pa.
	Indiana Bicycle Co., Indianapolis, Ind.
	Riker Electric Motor Co., 85 Washington St., B'klyn, N. Y.
E. ELECTRIC PHAETONS.	Gen. Electric Automobile Co. of Phila., Bourse, Phila., Pa.
	Riker Electric Motor Co., 85 Washington St., B'klyn, N. Y.
F. ELECTRIC SURREYS.	Gen. Electric Automobile Co. of Phila., Bourse, Phila., Pa.
	Riker Electric Motor Co., 85 Washington St., B'klyn, N. Y.
	Waltham Mfg. Co., Waltham, Mass.
G. ELECTRIC TRICYCLES.	Canadian Motor Syndicate, Toronto, Can.
	H. E. Eastman, Cleveland, O.
	Riker Electric Motor Co., 85 Washington St., B'klyn, N. Y.
H. GASOLINE AUTOMOBILES.	Altham International Motor Co., 27 State St., Boston, Mass.
	American Motor Co., 32 Broadway, New York.
	Automatic Air Carriage Co., 132 Front St., New York.
	Automobile Co. of America, 32 Broadway, New York.
	James H. Birch, Burlington, N. J.
	C. H. Black Mfg. Co., Indianapolis, Ind.
	Sebastian Blimline, Sinking Spring, Pa.
	A. H. Chadbourne, Real Estate Trust Co. Bldg., Phila., Pa.
	Duryea Mfg. Co., Peoria, Ill.
	Grout Motor Carriage Co., Orange, Mass.
	Hay & Hotchkiss Co., New Haven, Conn.
	Haynes-Apperson Co., Kokomo, Ind.
	Keating Wheel Co., Middletown, Conn.
	W. T. McCullough, 122 Massachusetts Av., Boston, Mass.
	H. Mueller Mfg. Co., Decatur, Ill.
	National Motor Carriage Co., 1 Madison Av., New York.
	Oakman Motor Vehicle Co., Greenfield, Mass.
	Olds Gasoline Engine Works, Lansing, Mich.
	Pittsburg Motor Vehicle Co., Pittsburg, Pa.
	St. Louis Motor Carriage Co., St. Louis, Mo.
	Standard Motor Mfg. Co., Glen Cove, L. I., N. Y.
	J. W. Stringer, Marion, O.
	Waltham Mfg. Co., Waltham, Mass.
	Winton Motor Carriage Co., Cleveland, O.
I. GASOLINE COACHES.	A. W. King Co., 71 W. Jackson Boulevard, Chicago, Ill.
J. GASOLINE DELIVERY WAGONS.	C. H. Black Mfg. Co., Indianapolis, Ind.

K. GASOLINE PHAETONS.	C. H. Black Mfg. Co., Indianapolis, Ind. Pittsburg Motor Vehicle Co., Pittsburg, Pa. Winton Motor Carriage Co., Cleveland, O.
L. GASOLINE RAILROAD VELOCIPEDES.	W. R. Bullis, Chatham, N. Y.
M. GASOLINE TRICYCLES.	American Motor Co., 32 Broadway, New York. Waltham Mfg. Co., Waltham, Mass.
N. MOTOR TRUCKS.	C. H. Black Mfg. Co., Indianapolis, Ind. Graham Equipment Co., 170 Summer St., Boston, Mass. F. R. McMullin Mfg. Co., 76 W. Jackson Boul., Chicago, Ill. Twyford Motor Vehicle Co., Pittsburg, Pa.
O. MOTOR WAGONS.	Daimler Mfg. Co., 169 Broadway, New York. Martin Motor Wagon Co., Buffalo, N. Y. Peoria Rubber & Mfg. Co., Peoria, Ill.
P. MOTOR WAGONS, CRUDE OIL.	Best Mfg. Co., San Leandro, Cal.
Q. STEAM AUTOMOBILES.	Automobile Co. of America, 32 Broadway, New York. R. O. Hood, Danvers, Mass. Locomobile Co. of America, 11 Broadway, New York. New England Motor Carriage Co., Boston, Mass. Stanley Mfg. Co., 117 Lincoln St., Boston, Mass. Waltham Mfg. Co., Waltham, Mass.
R. STEAM ROAD WAGONS.	Whitney Motor Wagon Co., East Boston, Mass.
3785. AXLE PROTECTORS.	Willis M. Fair, Dowagiac, Mich.
3786. AXLES, CARRIAGE & WAGON.	
A. BALL BEARING AXLES.	Buchanan Ball Bearing & Dust Proof Axle Co., Dowagiac, Mich. Chicago Screw Co., 96 W. Washington St., Chicago, Ill. Meeker Mfg. Co., Dayton, O. Muskegon Chemical Fire Engine Co., Muskegon, Mich.
B. CARRIAGE AXLES.	Ahlborn & Neckermann, Pittsburg, Pa. Amer. Axle Works, Montgomery Av. & 12th St., Phila., Pa. Ansted-Higgins Spring Co., Racine, Wis. S. R. Bailey & Co., Amesbury, Mass. Cleveland Axle Mfg. Co., Canton, O. Concord Axle Co., Penacook, N. H. Dalzell Axle Co., South Egremont, Mass. Drummond Mfg. Co., Louisville, Ky. F. Gardner's Sons, Carlisle, Pa. Hartford Axle Co., Dunkirk, N. Y. Hay Houston Axle Co., Coshocton, O. La Belle Steel Co., Pittsburg, Pa. Lee & Porter, Dowagiac, Mich. Letort Axle & Machine Works, Carlisle, Pa. Racine General Mfg. Co., Racine, Wis. *27 Leggett Spring & Axle Co., Pittsburg, Pa. Willis E. Miller, New Haven, Conn. Sheldon Axle Co., Wilkes-Barre, Pa. Singer, Nimick & Co., Inc., Pittsburg, Pa. C. J. Smith & Sons Co., Milwaukee, Wis. Spears Axle Co., Wheeling, W. Va. Tomlinson Spring Co., 233 N. J. R. R. Av., Newark, N. J. John Watson, Trenton, N. J.
C. CONCORD AXLES.	Abbot Downing Co., Concord, N. H. Ahlborn & Neckermann, Pittsburg, Pa. Amer. Axle Works, Montgomery Av. & 12th St., Phila., Pa. Chicago Screw Co., 96 W. Washington St., Chicago, Ill. Cleveland Axle Mfg. Co., Canton, O. Concord Axle Co., Penacook, N. H. Dalzell Axle Co., South Egremont, Mass. Dauphin Axle Co., Elizabethtown, Pa. Drummond Mfg. Co., Louisville, Ky. T. Gardner's Sons, Carlisle, Pa. Hay Houston Axle Co., Coshocton, O. Kalamazoo Spring & Axle Co., Kalamazoo, Mich. Kinsley Iron & Machine Co., Canton, Mass. La Belle Steel Co., Pittsburg, Pa. Letort Axle & Machine Works, Carlisle, Pa. Liggett Spring & Axle Co., Pittsburg, Pa. Sheldon Axle Co., Wilkes-Barre, Pa. Singer, Nimick & Co., Inc., Pittsburg, Pa. Tomlinson Spring Co., Newark, N. J. Wetherell Bros., 120 Liberty St., New York. Wood, Smith & Co., Inc., Fort Plain, N. Y. F. W. Wurster & Co., 375 Kent Av., Brooklyn, N. Y.
D. DUST PROOF AXLES.	Buchanan Ball Bearing & Dust Proof Axle Co., Dowagiac, Mich.

E. HOLLOW STEEL AXLES.	Bettendorf Axle Co., Davenport, Iowa.
F. NICKEL STEEL AXLES.	Duquesne Forge Co., Rankin, Pa.
G. ROLLER BEARING AXLES.	Concord Axle Co., Penacook, N. H.
H. SPECIAL AXLES.	Hartford Axle Co., Dunkirk, N. Y.
I. SULKY AXLES.	Ahlborn & Neckermann, Pittsburg, Pa.
	Amer. Axle Works, Montgomery Av. & 12th St., Phila., Pa.
	S. R. Bailey & Co., Amesbury, Mass.
	Cleveland Axle Mfg. Co., Cleveland, O.
	Concord Axle Co., Penacook, N. H.
	Drummond Mfg. Co., Louisville, Ky.
	F. Gardner's Sons, Carlisle, Pa.
	Hartford Axle Co., Dunkirk, N. Y.
	Hay Houston Axle Co., Coshocton, O.
	Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
	Kinsley Iron & Machine Co., Canton, Mass.
	La Belle Steel Co., Pittsburg, Pa.
	Letort Axle & Machine Works, Carlisle, Pa.
	Liggett Spring & Axle Co., Pittsburg, Pa.
	Willis E. Miller, New Haven, Conn.
	Sheldon Axle Co., Wilkes-Barre, Pa.
	Singer, Nimick & Co., Inc., Pittsburg, Pa.
	Spears Axle Co., Wheeling, W. Va.
	Tomlinson Spring Co., Newark, N. J.
	John Watson, Trenton, N. J.
	Wetherell Bros., 120 Liberty St., New York.
	Wood, Smith & Co., Inc., Fort Plain, N. Y.
	F. W. Wurster & Co., 375 Kent Av., Brooklyn, N. Y.
J. TUBULAR AXLES.	National Tube Works Co., 70 Federal St., Boston, Mass.
	National Tubular Axle Co., Emingsville, Pa.
K. WAGON AXLES.	Ahlborn & Neckermann, Pittsburg, Pa.
	Allentown Platform Co., Allentown, Pa.
	Amer. Axle Works, Montgomery Av. & 12th St., Phila., Pa.
	Ansted-Higgins Spring Co., Racine, Wis.
	Cleveland Axles Mfg. Co., Canton, O.
	Concord Axle Co., Penacook, N. H.
	Dalzell Axle Co., South Egremont, Mass.
	F. Gardner's Sons, Carlisle, Pa.
	Hartford Axle Co., Dunkirk, N. Y.
	Hay Houston Axle Co., Coshocton, O.
	Kinsley Iron & Machine Co., Canton, Mass.
	La Belle Steel Co., Pittsburg, Pa.
	Lee & Porter, Dowagiac, Mich.
	Lendinghaus-Espenschield Wagon Co., St. Louis, Mo.
	Letort Axle & Machine Works, Carlisle, Pa.
	Liggett Spring & Axle Co., Pittsburg, Pa.
	Willis E. Miller, New Haven, Conn.
	Sheldon Axle Co., Wilkes-Barre, Pa.
	C. J. Smith & Sons Co., Milwaukee, Mich.
	Spears Axle Co., Wheeling, W. Va.
	Tomlinson Spring Co., Newark, N. J.
	Union Foundry & Machine Works, Mansfield, O.
	Van Wert Spoke & Bending Works, Van Wert, O.
	John Watson, Trenton, N. J.
	Wood, Smith & Co., Inc., Fort Plain, N. Y.
	F. W. Wurster & Co., 375 Kent Av., Brooklyn, N. Y.
3787. BODIES.	
A. CARRIAGE BODIES.	Bellefontaine Carriage Body Co., Bellefontaine, O.
	Cincinnati Panel Co., Cincinnati, O.
	Currier & Cameron Co., Amesbury, Mass.
	Dann Bros. & Co., New Haven, Conn.
	La Porte Carriage Co., La Porte, Ind.
	Mill Creek Wagon Co., Richmond & Carr Sts., Cincinnati,O.
	Powitzki & Collins Carriage Woodwork Co., St. Louis, Mo.
	Rumsey Mfg. Co., Detroit, Mich.
	M. S. Shipley, Cincinnati, O.
	C. R. Wilson Carriage Co., Detroit, Mich.
	A. M. Wood Co., Boston, Mass.
B. HEARSE BODIES.	Dann Bros. & Co., New Haven, Conn.
C. WAGON BODIES.	Dann Bros. & Co., New Haven, Conn.
	Holt Bros. Mfg. Co., Concord, N. H.
	Mill Creek Wagon Co., Richmond & Carr Sts., Cincinnati,O.
3788. BOLSTERS.	Bettendorf Axle Co., Davenport, Iowa.
3789. BOOTS.	Higgins Mfg. Co., 5th St. & Washington Av., Newport, Ky.
	C. Z. Kroh Co., Toledo, O.
	Monarch Carriage Goods Co., Cincinnati, O.

Nease, McLean & McGinness, Pittsburg, Pa.
Rogers Iron Co., Springfield, O.

A. WAGON BOOTS, OILED. J. F. Carter Co., Beverly, Mass.

3790. BOWS.

A. BOW SOCKETS. Crandal, Stone & Co., Binghamton, N. Y.
Metal Stamping Co., 386 W. Broadway, New York.
Topliff & Ely Co., Elyria, O.
I. N. Topliff Mfg. Co., Cleveland, O.

B. BOW STRAPS. Dash & Carriage Goods Co., Cincinnati, O.

C. CARRIAGE BOWS. S. N. Brown & Co., Inc., Dayton, O.
W. T. Craft, Trenton, N. J.
Crane & McMahon, 18 South St., New York.
Cunningham Mfg. Co., Fostoria, O.
Dann Bros. & Co., New Haven, Conn.
Downey Bros., Lancaster, Pa.
Frederick & Co., Allentown, Pa.
Oscar S. Gillett, Indianapolis, Ind.
L. W. Sargent, Newburyport, Mass.
Toledo Carriage Woodwork Co., Toledo, O.
I. N. Topliff Mfg. Co., Cleveland, O.
Troy Bending Co., Troy, O.
Van Wert Spoke & Bending Co., Van Wert, O.
Wheel & Wood Bending Co., Bridgeport, Conn.
A. M. Wood Co., Boston, Mass.

D. WAGON BOWS. W. T. Craft, Trenton, N. J.
Dann Bros. & Co., New Haven, Conn.
Oscar S. Gillett, Indianapolis, Ind.
Toledo Carriage Woodwork Co., Toledo, O.

E. WAGON BOXES. Griswold Mfg. Co., Erie, Pa.
E. A. Williams & Son, Jersey City, N. J.
A. Wrenn & Sons, Norfolk, Va.

3791. BRACES. Blakeslee Forging Co., Plantsville, Conn.
C. J. Smith & Son Co., Milwaukee, Wis.

A. CHILDREN'S CARRIAGE BRACES. C. J. Smith & Son Co., Milwaukee, Wis.

B. KING BOLT BRACES. E. D. Clapp Mfg. Co., Auburn, N. Y.
M. Seward & Son Co., New Haven, Conn.

C. SLEIGH BRACES. Eberhard Mfg. Co., Cleveland, O.
H. D. Smith & Co., Plantsville, Conn.

D. TOP BRACES. E. D. Clapp Mfg. Co., Auburn, N. Y.
C. Cowles & Co., Inc., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
English & Mersick Co., New Haven, Conn.
Walter W. Woodruff & Son, Mount Carmel, Conn. *23

E. WAGON BOX BRACES. Pratt & Letchworth, Buffalo, N. Y.

3792. BRAKES, CARRIAGE & WAGON.

A. BRAKE HOLDERS. Pratt & Letchworth, Buffalo, N. Y.

B. BRAKE LOCKS. Hurlbut Co., Racine, Wis.

C. BRAKES, CARRIAGE. J. F. Goodrich & Co., New Haven, Conn.

D. BRAKES, WAGON. Belle City Mfg. Co., Racine, Wis.
Cleveland Hardware Co., Cleveland, O.
Geo. B. Freeman & Co., Racine, Wis.
Giesler & Co., Muscatine, Iowa.
Hurlbut Co., Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.

3793. BREAKING CARTS. Bohanon Mfg. & Storage Co., 112 20th St., Chicago, Ill.
Buckeye Buggy Co., Columbus, O.
R. M. Stivers, 150 E. 31st St., New York.

3794. BROUGHAMS. J. B. Brewster & Co., Inc., 1615 Broadway, New York.
Buckeye Buggy Co., Columbus, O.
Tom Connolly, cor. 7th & Iowa Sts., Dubuque, Iowa.
A. T. Demarest & Co., 335 5th Av., New York.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
Hincks & Johnson, Bridgeport, Conn.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.
Manville & Dudley, New Haven, Conn.
J. M. Quimby & Co., Newark, N. J.
R. M. Stivers, 150 E. 31st St., New York.
Troy Carriage Works, Troy, N. Y.

3795. BUCKBOARDS. American Carriage Co., Kalamazoo, Mich.
H. H. Babcock Co., Watertown, N. Y.
Benicia Agricultural Works, Benicia, Cal.
Biddle & Smart Co., Amesbury, Mass.

Boston Buckboard & Carriage Co., New Haven, Conn.
Colfax Mfg. Co., South Bend, Ind.
Connersville Buggy Co., Connersville, Ind.
Tom Connolly, cor. 7th & Iowa Sts., Dubuque, Iowa.
Cortland Wagon Co., Cortland, N. Y.
Dann Bros. & Co., New Haven, Conn.
Emerson & Fisher Co., John & Findlay Sts., Cincinnati, O.
Geo. Enger & Co., Gest & Summer Sts., Cincinnati, O.
W. S. Frazier & Co., Aurora, Ill.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
J. F. Goodrich & Co., New Haven, Conn.
Keator, Wells & Co., Cortland, N. Y.
Milburn Wagon Co., Toledo, O.
Moline Wagon Co., Moline, Ill.
M. S. Shipley, Cincinnati, O.
Specialty Carriage Co., Spring Grove Av., Cincinnati, O.
Rufus M. Stivers, 150 E. 31st St., New York.
B. F. & H. L. Sweet Co., Fond Du Lac, Wis.
Troy Carriage Works, Troy, N. Y.
Union Carriage & Gear Co., Watertown, N. Y.
Ward Carriage Co., 48 1st St., Newark, O.
Waterloo Wagon Co., Ltd., Waterloo, N. Y.
Youngstown Carriage & Wagon Co., Youngstown, O.

3796. BUGGIES.

F. A. Ames & Co., Owensboro, Ky.
H. H. Babcock Co., Watertown, N. Y.
Baker Carriage Co., Des Moines, Iowa.
Birdsell Mfg. Co., South Bend, Ind.
J. B. Brewster & Co., Inc., 1615 Broadway, New York.
Brewster & Co., 1581 Broadway, New York.
Briggs Carriage Co., Amesbury, Mass.
Brown Carriage Co., 1602 Gist St., Cincinnati, O.
Buckeye Buggy Co., Columbus, O.
Buckeye Mfg. Co., Anderson, Ind.
Buffalo Spring & Gear Co., Buffalo, N. Y.
L. Burg Carriage Co., Dallas City, Ill.
Burg Wagon Co., Burlington, Iowa.
Carlisle Mfg. Co., South Bend, Ind.
Chicago Scale Co., 296 Jackson Boulevard, Chicago, Ill.
John A. Chockelt, South Bend, Ind.
Colfax Mfg. Co., South Bend, Ind.
Columbus Buggy Co., Columbus, O.
Connersville Buggy Co., Connersville, Ind.
Tom Connolly, 7th & Iowa Sts., Dubuque, Iowa.
Cortland Wagon Co., Cortland, N. Y.
Coquillard Wagon Works, South Bend, Ind.
A. T. Demarest & Co., 335 5th Av., New York.
C. N. Dennett & Co., Amesbury, Mass.
Dunlap Vehicle Co., Pontiac, Mich.
Durant-Dort Carriage Co., Flint, Mich.
R. G. Ellis, Amesbury, Mass.
Emerson & Fisher Co., John & Findlay Sts., Cincinnati, O.
Geo. Enger & Co., Gest & Summer Sts., Cincinnati, O.
Enterprise Carriage Mfg. Co., Miamisburg, O.
Eureka Co., Rock Falls, Ill.
Fisher Carriage Co., 904 Evans St., Cincinnati, O.
E. S. Fletch & Co., Amesbury, Mass.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
Fuller & Johnson Mfg. Co., Madison, Wis.
Fuller Buggy Co., Jackson, Mich.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
Hassett & Hodge, Amesbury, Mass.
T. T. Haydock Carriage Co., 12th & Plum Sts., Cinncinnati, O.
G. W. Hoover & Son, York, Pa.
Kalamazoo Wagon Co., Kalamazoo, Mich.
Kauffman Buggy Co., Miamisburg, O.
Keator, Wells & Co., Cortland, N. Y.
Keystone Buggy Co., 2105 South St., Cincinnati, O.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.
C. P. Kimball & Co., Inc., Michigan Av., c. Harmon Pl., Chic., Ill.
La Crosse Carriage Co., La Crosse, Wis.
Mansfield Buggy Co., Mansfield, O.
McFarlan Carriage Co., Connersville, Ind.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Overman Buggy Co., 10 E. 4th St., Cincinnati, O.

Owosso Carriage Co., Owosso, Mich.
Parry Mfg. Co., Indianapolis, Ind.
Piqua Wagon Co., Piqua, O.
Pontiac Buggy Co., Pontiac, Mich.
Pontiac Spring & Wagon Works, Pontiac, Mich.
J. M. Quimby & Co., Newark, N. J.
Racine Wagon & Carriage Co., Racine, Wis.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Rumsey Mfg. Co., Detroit, Mich.
D. F. Sargent & Son, Geneseo, Ill.
Sayers & Scovill, 2247 Colerain Av., Cincinnati, O.
R. D. Scott & Co., Pontiac, Mich.
Sechler & Co., Inc., 176 E. 5th St., Cincinnati, O.
D. M. Sechler Carriage Co., Moline, Ill.
Shelt Carriage Mfg. Co., Cincinnati, O.
M. S. Shipley, Cincinnati, O.
Spaulding Mfg. Co., Grinnell, Iowa.
Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati, O.
Star Carriage & Harness Co., Cincinnati, O.
Staver Carriage Co., 76th & Wallace Sts., Chicago, Ill.
Troy Carriage Works, Troy, N. Y.
Tyson & Jones Buggy Co., Carthage, N. C.
Union Carriage & Gear Co., Watertown, N. Y.
B. Veerkamp & Sons, 469 Walnut St., Cincinnati, O.
Ward Carriage Co., 48 1st St., Newark, O.
Waterloo Wagon Co., Ltd., Waterloo, N. Y.
Watertown Spring Wagon Co., Watertown, N. Y.
Youngstown Carriage & Wagon Co., Youngstown, O.
Zimmerman Mfg. Co., Auburn, Ind.

A. CONCORD BUGGIES.
Abbott-Downing Co., Concord, N. H.
M. S. Shipley, Cincinnati, O.
Specialty Carriage Co., Spring Grove Av., Cincinnati, O.

3797. BUGGY BACKS.
Kalamazoo Top Co., Kalamazoo, Mich.
Nease, McLean & McGinness, Pittsburg, Pa.
David A. Smith, 1632 Wabash Av., Chicago, Ill.

3798. BUGGY VALANCES.
Higgin Mfg. Co., 5th St. & Washington Av., Newport, Ky.

3799. CABS.
Abbott-Downing Co., Concord, N. H.
Ellis Omnibus & Cab Co., Cortland, N. Y.
Rufus M. Stivers, 150 E. 31st St., New York.

A. CABRIOLETS.
Buckeye Buggy Co., Columbus, O.
J. F. Goodrich & Co., New Haven, Conn.
Hassett & Hodge, Amesbury, Mass.
McFarlan Carriage Co., Connersville, Ind.
M. S. Shipley, Cincinnati, O.
Tyson & Jones Buggy Co., Carthage, N. C.
Watertown Spring Wagon Co., Watertown, N. Y.

3800. CARRIAGE & WAGON SPINDLES.
William R. Hartigan, Collinsville, Conn.

3801. CARRIAGE DOOR HANDLES.
C. Cowles & Co., New Haven, Conn.
Dash & Carriage Goods Co., Cincinnati, O.
English & Mersick Co., New Haven, Conn.
C. N. Lockwood & Co., Newark, N. J.
Searls Mfg. Co., 27 Mulberry St., Newark, N. J.
Standard Carriage Lamp Co., 43 S. Canal St., Chicago, Ill.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3802. CARRIAGE LOOPS.
Atwater Mfg. Co., Plantsville, Conn.
Blakeslee Forging Co., Plantsville, Conn.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
Dash & Carriage Goods Co., 1012 Wade St., Cincinnati, O.
H. B. Maxwell, Rome, N. Y.
Metal Stamping Co., 386 W. Broadway, New York.
H. D. Smith & Co., Plantsville, Conn.
Wilcox & Home Co., Birmingham, Conn.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.

3803. CARRIAGE ORNAMENTS.
Palm Bros. & Co., Inc., 114 Main St., Cincinnati, O.

A. VEHICLE ROSETTES.
Ohio Scroll & Lumber Co., Covington, Ky.

3804. CARRIAGE PNEUMATIC WHISTLES.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
W. R. Ostrander & Co., 22 Dey St., New York.

3805. CARRIAGES.

Abbott-Downing Co., Concord, N. H.
American Carriage Co., Cincinnati, O.
H. H. Babcock Co., Watertown, N. Y.
S. R. Bailey & Co., Amesbury, Mass.
Biddle & Smart Co., Amesbury, Mass.
Bingham Harness Co., Rome, N. Y.
Binghamton Wagon Co., Binghamton, N. Y.
Birdsell Mfg. Co., South Bend, Ind.
Brewster & Co., 1581 Broadway, New York.
J. B. Brewster & Co., Inc., 1615 Broadway, New York.
Briggs Carriage Co., Amesbury, Mass.
W. W. Brockway, Homer, N. Y.
Brown Carriage Co., Cincinnati, O.
Geo. L. Brownell, New Bedford, Mass.
Buckeye Buggy Co., Columbus, O.
Buffalo Spring & Gear Co., Buffalo, N. Y.
L. Burg Carriage Co., Dallas City, Ill.
Burg Wagon Co., Burlington, Iowa.
Carriage Mfg. Co., Columbus, O.
Chicago Scale Co., 296 Jackson Boulevard, Chicago, Ill.
John A. Chockelt, South Bend, Ind.
Columbus Buggy Co., Columbus, O.
Columbus Carriage Mfg. Co., Columbus, O.
Cortland Wagon Co., Cortland, N. Y.
Coquillard Wagon Works, South Bend, Ind.
Jas. Cunningham & Son Co., Rochester, N. Y.
A. T. Demarest & Co., 335 5th Av., New York.
C. N. Dennett & Co., Amesbury, Mass.
Elkhart Carriage & Harness Mfg. Co., Elkhart, Ind.
R. G. Ellis, Amesbury, Mass.
Emerson & Fisher Co., John & Findlay Sts., Cincinnati, O.
Enterprise Carriage Mfg. Co., Miamisburg, O.
Eureka Co., Rock Falls, Ill.
E. S. Feltch & Co., Amesbury, Mass.
Flint Wagon Works, Flint, Mich.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
Gate City Carriage Co., Winona, Minn.
E. B. Gaumer & Sons, Urbana, O.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
Hassett & Hodge, Amesbury, Mass.
T. T. Haydock Carriage Co., Plum St., Cincinnati, O.
Henney Buggy Co., Freeport, Ill.
Kalamazoo Wagon Co., Kalamazoo, Mich.
Kauffman Buggy Co., Miamisburg, O.
Keystone Buggy Co., Cincinnati, O.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.
La Crosse Carriage Co., La Crosse, Wis.
Ladoga Carriage Mfg. Co., Ladoga, Ind.
J. Austin Lancaster & Co., Merrimac, Mass.
La Porte Carriage Co., La Porte, Ind.
Manville & Dudley, New Haven, Conn.
McCardell, West & Co., Trenton, N. J.
McFarlan Carriage Co., Connersville, Ind.
McMurray Sulky Co., Marion, O.
Milburn Wagon Co., Toledo, O.
G. C. Miller's Sons Co., 19 W. 7th St., Cincinnati, O.
H. A. Moyer, Syracuse, N. Y.
National Wheel Co., Jackson, Mich.
North Western Mfg. Co., Fort Atkinson, Wis.
Overman Buggy Co., Cincinnati, O.
Parry Mfg. Co., Indianapolis, Ind.
Wm. A. Paterson Co., Flint, Mich.
J. M. Quimby & Co., Newark, N. J.
Racine Wagon & Carriage Co., Racine, Wis.
Richland Buggy Co., Mansfield, O.
Wm. D. Rogers, Son & Co., 329 N. Broad St., Phila., Pa.
Rumsey Mfg. Co., Detroit, Mich.
Scioto Buggy Co., Columbus, O.
Sechler & Co., Inc., 176 E. 5th St., Cincinnati, O.
D. M. Sechler Carriage Co., Moline, Ill.
Shelt Carriage Mfg. Co., Cincinnati, O.
M. S. Shipley, Cincinnati, O.
Sinker-Davis Co., Indianapolis, Ind.
Specialty Carriage Co., Spring Grove Av., Cincinnati, O.
Star Carriage Harness Co., Cincinnati, O.

Staver Carriage Co., 76th & Wallace Sts., Chicago, Ill.
Studebaker Bros. Mfg. Co., South Bend, Ind.
Sturtevant-Larrabee Co., Binghamton, N. Y.
Troy Carriage Works, Troy, N. Y.
Union Carriage & Gear Co., Watertown, N. Y.
U. S. Carriage Co., Columbus, O.
B. Veerkamp & Sons, 469 Walnut St., Cincinnati, O.
E. W. Walker & Stutz Co., Goshen, Ind.
Ward Carriage Co., 48 1st St., Newark, O.
Waterloo Wagon Co., Ltd., Waterloo, N. Y.
Watertown Spring Co., Watertown, N. Y.
C. R. & J. Wilson Carriage Co., Detroit, Mich.
Morris Woodhull, Dayton, O.
A. Wrenn & Son, Norfolk, Va.
York Carriage Co., York, Pa.
Youngstown Carriage & Wagon Co., Youngstown, O.
Zimmerman Mfg. Co., Auburn, Ind.

A. CARRIAGES IN THE WHITE.
Biddle & Smart Co., Amesbury, Mass.
F. T. Clymer Co., Wilmington, Del.
King Spring Co., Buffalo, N. Y.
La Porte Carriage Co., La Porte, Ind.
Mulholland Spring Gear Co., Dunkirk, N. Y.

3806. CARRIAGE SEAT RAILS.

Crandal, Stone & Co., Binghamton, N. Y.

3807. CARRIAGE SPEAKING TUBES.

Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Mechanical Rubber Co., 22 Murray St., New York.

3808. CARTS.

F. A. Ames & Co., Owensboro, Ky.
H. H. Babcock Co., Watertown, N. Y.
Bodley Wagon Co., Staunton, Va.
Carlisle Mfg. Co., South Bend, Ind.
Fuller & Johnson Mfg. Co., Racine, Wis.
Fuller Buggy Co., Jackson, Mich.
W. P. Horner & Co., Danville, Va.
Keystone Buggy Co., 2105 South St., Cincinnati, O.
Keystone Mfg. Co., Sterling, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Monroe Cart Co., Rochester, Mich.
D. M. Sechler Carriage Co., Moline, Ill.
Specialty Carriage Co., Spring Grove Av., Cincinnati, O
Staver Carriage Co., 76th & Wallace Sts., Chicago, Ill.
R. M. Stivers, 151 E. 31st St., New York.

A. BAGASSE CARTS.
Bodley Wagon Co., Staunton, Va.

B. BARREL CARTS.
Belle City Mfg. Co., Racine, Wis.
Bodley Wagon Co., Staunton, Va.
Geo. S. Comstock, Mechanicsburg, Pa.
Abram Ellwood Mfg. Co., De Kalb, Ill.
R. R. Howell & Co., Minneapolis, Minn.
Lansing Wheelbarrow Co., Lansing, Mich.
Milburn Wagon Co., Toledo, O.
Novelty Iron Works, Sterling, Ill.
Sandwich Mfg. Co., Sandwich, Ill.

C. COAL CARTS.
Bodley Wagon Co., Staunton, Va.
Lansing Wheelbarrow Co., Lansing, Mich.
Milburn Wagon Co., Toledo, O.
Sheffield Car Co., Three Rivers, Mich.

D. DROP BOTTOM CARTS.
Sheffield Car Co., Three Rivers, Mich.

E. DUMP CARTS.
Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
Bodley Wagon Co., Staunton, Va.
Chas. L. Bugbee, Hartford, Vt.,
Fish Bros. Wagon Co., Racine, Wis.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Owensboro Wagon Co., Owensboro, Ky.
Schuttler & Hotz, 45 W. Monroe St., Chicago, Ill.
J. N. W. Sherman, 316 5th Av., Chicago, Ill.
B. F. & H. L. Sweet, Fond-du-Lac, Wis.
Western Wheeled Scraper Co., Aurora, Ill.
White Hickory Wagon Mfg. Co., Atlanta, Ga.

F. FARM CARTS.
Ames Plow Co., Quincy Hall, Boston, Mass.

Benicia Agricultural Works, Benicia, Cal.
Bodley Wagon Co., Staunton, Va.
Columbia Wagon Co., Columbia, Pa.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Milburn Wagon Co., Toledo, O.
Olds Wagon Works, Fort Wayne, Ind.
H. H. Shaw Plow Works, Stockton, Cal.
J. N. W. Sherman, 316 5th Av., Chicago, Ill.
South Bend Wagon Co., South Bend, Ind.
B. F. & H. L. Sweet, Fond-du-Lac, Wis.
Winona Wagon Co., Winona, Minn.

G. FOLDING CARTS. Detroit Folding Cart Co., Detroit, Mich.

H. LAUNDRY CARTS. Lansing Wheelbarrow Co., Lansing, Mich.

I. LOG CARTS. Lansing Wheelbarrow Co., Lansing, Mich.
Southern Log Cart & Supply Co., Mobile, Ala.
Walter A. Zelnicker, 202 N. 3d St., St. Louis, Mo.

J. MEAT CARTS. Chas. L. Bugbee, Hartford, Vt.

K. OX CARTS. Ames Plow Co., Quincy Hall, Boston, Mass.
Bodley Wagon Co., Staunton, Va.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

L. PEDDLERS' CARTS. Milo G. Remington, Bennington, Vt.

M. PUSH CARTS. D. J. C. Arnold, New London, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
A. Meinecke & Son, Milwaukee, Wis.
R. W. Whitehurst & Co., Norfolk, Va.

N. RAILROAD CARTS. Ames Plow Co., Quincy Hall, Boston, Mass.
Bain Wagon Co., Kenosha, Wis.
Bodley Wagon Co., Staunton, Va.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Leudinghaus-Espenschield Wagon Co., St. Louis, Mo.

O. SPRING CARTS. Ames-Dean Carriage Co., Jackson, Mich.
H. H. Babcock Co., Watertown, N. Y.
Benicia Agricultural Works, Benicia, Cal.
Bingham Harness Co., Rome, N. Y.
J. B. Brewster & Co., Ltd., 1615 Broadway, New York.
Cortland Wagon Co., Cortland, N. Y.
R. G. Ellis, Amesbury, Mass.
Emerson & Fisher Co., John & Findlay Sts., Cincinnati, O.
E. S. Feltch & Co., Amesbury, Mass.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
J. F. Goodrich & Co., New Haven, Conn.
Hanford Wagon Works, Unadilla, N. Y.
Hassett & Hodge, Amesbury, Mass.
Owosso Carriage Co., Owosso, Mich.
Rumsey Mfg. Co., Detroit, Mich.
R. D. Scott & Co., Pontiac, Mich.
Geo. M. Stanwood & Co., Portland, Me.
Troy Buggy Works Co., Troy, O.

P. SPRINKLING CARTS. Lansing Wheelbarrow Co., Lansing, Mich.

Q. WATER CARTS. Lansing Wheelbarrow Co., Lansing, Mich.

3809. CASTINGS, WAGON & CARRIAGE.

Thos. Devlin & Co., N. 3d St. & Lehigh Av., Phila., Pa.
Elbel & Co., Canton, O.
Hurlbut Co., Racine, Wis.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Pratt & Letchworth, Buffalo, N. Y.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Wisconsin Malleable Iron Co., Milwaukee, Wis.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3810. CHILDREN'S CARRIAGES & PARTS.

Matthew M. Anderson, 212 S. 2d St., Philadelphia, Pa.
Chicago Willow & Rattan Works, 21 Dale Pl., Chicago, Ill.
Crandall Carriage Co., New York.
Edwin Falkingham, San Francisco, Cal.
Chas. R. Field Mfg. Co., Greenfield, Mass.
Gendron Wheel Co., Toledo, O.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Francis L. Hughes, Rochester, N. Y.
William L. Jackson, Baltimore, Md.
Jacob Kaiser & Co., 204 S. 4th St., St. Louis, Mo.
Kenosha Club Co., Kenosha, Wis.
Kinley Mfg. Co., Hoyne Av. & Van Buren St., Chicago, Ill.
L. H. Mace & Co., 111 E. Houston St., New York.

Marqua Carriage & Toy Co., Main St., Cincinnati, O.
May's Rattan Works, 1795 N. Clark St., Chicago, Ill.
McKee & Harrington, 173 Grand St., New York.
A. Meinecke & Son, Milwaukee, Wis.
Wm. H. Pettit & Co., Grand Rapids, Mich.
Scarritt-Comstock Furniture Co., St. Louis, Mo.
S. A. Smith & Co., Brattleboro, Vt.
Sweet & Johonnot, Inc., Buffalo, N. Y.
H. N. Thayer & Co., Erie, Pa.
J. Tuohey, 610 Grand St., New York.
F. A. Whitney Carriage Co., Leominster, Mass.

A. CHILDREN'S CARRIAGE RUNNERS.
South Bend Toy Mfg. Co., South Bend, Ind.

B. CHILDREN'S CARRIAGES, RATTAN BODY.
Chicago Willow & Rattan Works, 21 Dale Pl., Chicago, Ill.
Crandall Carriage Co., New York.
Chas. R. Field Mfg. Co., Greenfield, Mass
Gendron Wheel Co., Toledo, O.
Heywood Bros. & Wakefield Co., Gardner, Mass.
May's Rattan Works, 1795 N. Clark St., Chicago, Ill.

C. CHILDREN'S CARRIAGE STRAPS.
J. J. Warren Co., 8 Washington Sq., Worcester, Mass.

3811. CLIPS.
Atwater Mfg. Co., Plantsville, Conn.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works, Columbus, O.
C. Cowles & Co., Inc., New Haven, Conn.
Richard Eccles, Auburn, N. Y.
E. B. Lanman, Columbus, O.
Franklin Moore Co., Winsted, Conn.
Moses Seward & Son Co., New Haven, Conn.
H. D. Smith & Co., Plantsville, Conn.
Upson Nut Co., Unionville, Conn.
Wilcox & Howe Co., Birmingham, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3812. COACH BLINDS.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.

3813. COACHES.
Abbott-Downing Co., Concord, N. H.
J. B. Brewster & Co., Inc., 1619 Broadway, New York.
Ferd. F. French & Co., 14 Sudbury St., Boston, Mass.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
Hincks & Johnson, Bridgeport, Conn.
C.P.Kimball & Co.,Inc.,Michigan Av.& Harmon Pl.,Chic.,Ill.
J. M. Quimby & Co., Newark, N. J.
R. M. Stivers, 150 E. 31st St., New York.
Troy Carriage Works, Troy, N. Y.

A. CONCORD COACHES.
Abbott-Downing Co., Concord, N. H.

B. HOTEL COACHES.
Abbott-Downing Co., Concord, N. H.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.

C. TALLY HO COACHES.
Abbott-Downing Co., Concord, N. H.
A. T. Demarest & Co., 335 5th Av., New York.
James Goold Co., Albany, N. Y.

3814. COACH FRONTS.
Butler & Ward Co., Newark, N. J.
Gilliam Mfg. Co., Canton, O.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.

3815. COACH ROOFS.
Dann Bros. & Co., New Haven, Conn.

3816. COTTON FLOATS.
Kentucky Wagon Mfg. Co., Louisville, Ky.

3817. COVERS, WAGON.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
Richard A. Humphrys, 1015 Ridge Av., Philadelphia, Pa.
Hutchings Bros., 31 South St., New York.
Iroquois Bag & Oil Co., 275 Main St., Springfield, Mass.
F. J. Kloes, 153 Centre St., New York.
John F. McHugh, 54 W. 31st St., New York.
Missouri Tent & Awning Co., 218 Chestnut St., St. Louis,Mo.
Neville & Co., 31 California St., San Francisco, Cal.
Seinsheimer Paper Co., 104 E. Pearl St., Cincinnati, O.

3818. CROSS-SEATERS.
Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati,O.

3819. CURTAIN FASTENERS.
C. Cowles & Co., Inc., New Haven, Conn.
English & Mersick Co., New Haven, Conn.
C. N. Lockwood & Co., Newark, N. J.
Metal Stamping Co., 386 W. Broadway, New York.
Wilcox & Howe Co., Birmingham, Conn.

3820. CURTAIN FRAMES.
C. Cowles & Co., Inc., New Haven, Conn.
Metal Stamping Co., 386 W. Broadway, New York.

3821. CURTAIN LIGHTS.
Crandal, Stone & Co., Binghamton, N. Y.

Dash & Carriage Goods Co., 1012 Wade St., Cincinnati, O.
Higgins Mfg. Co., 5th St. & Washington Av., Newport, Ky.
Metal Stamping Co., 386 W. Broadway, New York.
Monarch Carriage Goods Co., Spring Grove Av., Cinn., O.

3822. CURTAIN STRAPS. Crandal, Stone & Co., Binghamton, N. Y.

3823. CUSHIONS.

A. CARRIAGE CUSHIONS.
Kalamazoo Top Co., Kalamazoo, Mich.
C. Z. Kroh Co., Toledo, O.
Nease, McLean & McGinness, Pittsburg, Pa.
Racine General Mfg. Co., Racine, Wis. *27
David A. Smith, 1632 Wabash Av., Chicago, Ill.
Tyer Rubber Co., Andover, Mass.

B. WAGON CUSHIONS.
Chicago Top & Cushion Co., 92 E. Ohio St., Chicago, Ill.
John F. McHugh, 54 N. 31st St., New York.

3824. DASHES.
Columbus Buggy Co., Columbus, O.
Cortland Carriage Goods Co., Cortland, N. Y.
Cortland Leather Goods Co., Cortland, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
E. Z. Kroh Co., Toledo, O.
McKinnon Dash Co., Buffalo, N. Y.
Nease, McLean & McGinness, Pittsburg, Pa.
Peters & Herron Dash Co., Columbus, O.
Peters Harness & Saddlery Co., Newark, N. J.
M. Seward & Son Co., New Haven, Conn.
David A. Smith, 1632 Wabash Av., Chicago, Ill.
Wilcox & Howe Co., Birmingham, Conn.

A. DASH CORNERS.
Cleveland Hardware Co., Cleveland, O.

B. DASH FEET.
Cleveland Hardware Co., Cleveland, O.
M. Seward & Son Co., New Haven, Conn.

C. DASH RAILS.
Buescher Mfg. Co., Elkhart, Ind.
Thos. H. Corcoran's Sons, Cincinnati, O.
Peters Dash Co., Columbus, O.
Searles Mfg. Co., Newark, N. J.
Wilcox & Howe Co., Birmingham, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

D. DASH SCREENS.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3825. DOG CARTS.
Ames-Dean Carriage Co., Jackson, Mich.
H. H. Babcock Co., Watertown, N. Y.
Biddle & Smart Co., Amesbury, Mass.
J. B. Brewster & Co., 1619 Broadway, New York.
Detroit Folding Cart Co., Detroit, Mich.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
Kimball Bros. Co., Boston, Mass.
Milburn Wagon Co., Toledo, O.
Sechler & Co., Inc., Cincinnati, O.
M. S. Shipley, Cincinnati, O.
Chauncey Thomas & Co., Boston, Mass.

3826. DRAYS.
Bodley Wagon Co., Staunton, Va.
W. P. Homer & Co., Danville, Va.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Moline Wagon Co., Moline, Ill.
Owensboro Wagon Co., Owensboro, Ky.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
White Hickory Wagon Mfg. Co., Atlanta, Ga.
Winona Wagon Co., Winona, Minn.

3827. END GATES.
Cortland Carriage Goods Co., Cortland, N. Y.
Hurlbut Co., Racine, Wis.

A. END GATE IRONS.
Selle Gear Co., Akron, O.
C. E. Sovereign, Rockford, Ill.

B. END GATES & SHOVELING BOARDS COMBINED.
Hayes Pump & Planter Co., Galva, Ill.

3828. FENDERS.
Columbus Buggy Co., Columbus, O.
Dash & Carriage Goods Co., Cincinnati, O.
McKinnon Dash Co., Buffalo, N. Y.
Peters & Herron Dash Co., Columbus, O.
David A. Smith, 1632 Wabash Av., Chicago, Ill.

3829. FIFTH WHEELS.
Atwater Mfg. Co., Plantsville, Conn.
Buffalo Spring & Gear Co., Buffalo, N. Y.
L. Burg Carriage Co., Dallas City, Ill.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Columbus Bolt Works, Columbus, O.
C. Cowles & Co., New Haven, Conn.
Dayton Malleable Iron Co., Dayton, O.

Everhard Mfg. Co., Cleveland, O.
Herbrand Co., Fremont, O.
National Mfg. Co., Lancaster, Pa.
Pratt & Letchworth, Buffalo, N. Y.
Queen City Forging Co., Cincinnati, O.
Selle Gear Co., Akron, O.
M. Seward & Son Co., New Haven, Conn.
Sperry Mfg. Co., Ansonia, Conn.
Standard Axle Works, Millersburg, Pa.
Wilcox & Howe Co., Birmingham, Conn.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.
Yaryan Fifth Wheel Co., Indianapolis, Ind.

3830. FLAPPERS, CARRIAGE.
English & Mersick Co., New Haven, Conn.
C. Cowles & Co., Inc., New Haven, Conn.
Wilcox & Howe Co., Birmingham, Conn.

3831. FOOT RAILS, CARRIAGE.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Pratt & Letchworth, Buffalo, N. Y.
M. Seward & Son Co., New Haven, Conn.
Wilcox & Howe Co., Birmingham, Conn.
Worcester Ferrule & Mfg. Co., Worcester, Mass.

3832. FOOT WARMERS, CARRIAGE.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.

3833. FORGINGS, CARRIAGE.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Columbus Bolt Works, Columbus, O.
Queen City Forging Co., Cincinnati, O.
Sperry Mfg. Co., Ansonia, Conn.
Strieby & Foote, Newark, N. J.
Wilcox & Howe Co., Birmingham, Conn.

3834. GEAR IRONS.
Buffalo Spring & Gear Co., Buffalo, N. Y.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Eberhard Mfg. Co., Cleveland, O.
M. Seward & Son Co., New Haven, Conn.
Wilcox & Howe Co., Birmingham, Conn.
C. R. Wilson Carriage Co., Detroit, Mich.

3835. GEARS.

A. BUGGY GEARS.
S. R. Bailey & Co., Amesbury, Mass.
Buffalo Spring & Gear Co., Buffalo, N. Y.
M. S. Shipley, Cincinnati, O.

B. CARRIAGE GEARS.
S. R. Bailey & Co., Amesbury, Mass.
Biddle & Smart Co., Amesbury, Mass.
Buffalo Spring & Gear Co., Buffalo, N. Y.
F. T. Clymer Co., Wilmington, Del.
Currier & Cameron Co., Amesbury, Mass.
Dann Bros. & Co., New Haven, Conn.
Fitch Gear Co., Rome, N. Y.
Flint Gear & Top Co., Flint, Mich.
La Porte Carriage Co., La Porte, Ind.
Meeker Mfg. Co., Dayton, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Pell Gear Works, Rome, New York.
Powitzki & Collins Carriage Woodwork Co., St. Louis, Mo.
Rumsey Mfg. Co., Detroit, Mich.
Selle Gear Co., Akron, O.
M. S. Shipley, Cincinnati, O.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.
C. R. Wilson Carriage Co., Detroit, Mich.

C. CHILDREN'S CARRIAGE GEARS.
Chas. R. Field Mfg. Co., Greenfield, Mass.
Gendron Wheel Co., Toledo, O.
S. A. Smith & Co., Brattleboro, Vt.
Whitney Reed Chair Co., Leominster, Mass.

D. LOG GEARS.
Holt Bros. Mfg. Co., Concord, N. H.

E. LUMBER GEARS.
Bain Wagon Co., Kenosha, Wis.
Milburn Wagon Co., Toledo, O.

F. OMNIBUS GEARS.
Holt Bros. Mfg. Co., Concord, N. H.
Selle Gear Co., Akron, O.

G. SPLIT AXLE GEARS FOR MOTOR CARS.
Duquesne Forge Co., Rankin, Pa.

H. TRUCK GEARS.
Bain Wagon Co., Kenosha, Wis.
Moline Wagon Co., Moline, Ill.
Selle Gear Co., Akron, O.

I. WAGON GEARS.
Allentown Platform Co., Allentown, Pa.
Bain Wagon Co., Kenosha, Wis.
J. A. & D. P. Copper Co., Struthers, O.

H. M. Curtis, Ypsilanti, Mich.
Dann Bros. & Co., New Haven, Conn.
Fish Bros. Wagon Co., Racine, Wis.
Flint Gear & Top Co., Flint, Mich.
Holman Gear Co., 315 Clinton St., Chicago, Ill.
J. Jackson & Co., Columbus, Wis.
Mulholland Spring Co., Dunkirk, N. Y.
Pell Gear Works, Rome, N. Y.
Rumsey Mfg. Co., Detroit, Mich.
Selle Gear Co., Akron, O.
M. S. Shipley, Cincinnati, O.

3836. GIGS.
H. H. Babcock Co., Watertown, N. Y.
J. B. Brewster & Co., 1619 Broadway, New York.
Currier & Cameron Co., Amesbury, Mass.
C. N. Dennett & Co., Amesbury, Mass.
J. F. Goodrich & Co., 684 Broadway, New York.
Kimball Bros. Co., Boston, Mass.

3837. HACKS, LIVERY.
Specialty Carriage Co., Cincinnati, O.

3838. HANSOMS.
R. M. Stivers, 150 E. 31st St., New York.

3839. HARDWARE, CARRIAGE & WAGON.
Atwater Mfg. Co., Plantsville, Conn.
S. R. Bailey & Co., Amesbury, Mass.
Baker Chain & Wagon Iron Mfg. Co., Allegheny, Pa.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works, Columbus, O.
Dash & Carriage Goods Co., Cincinnati, O.
Dayton Malleable Iron Co., Dayton, O.
Thos. Devlin & Co., N. 3d & Lehigh Av., Philadelphia, Pa.
Eberhards Mfg. Co., Cleveland, O.
Richard Eccles, Auburn, N. Y.
English & Mersick Co., New Haven, Conn.
Herbrand Co., Fremont, O.
Higgin Mfg. Co., Newport, Ky.
Hurlbut Co., Racine, Wis.
McKinnon Dash Co., Ltd., Buffalo, N. Y.
Metal Stamping Co., 386 W. Broadway, New York.
Phila. Coach Material Co., Ltd., 126 N. 3d St., Phila., Pa.
Pratt & Letchworth, Buffalo, N. Y.
Racine General Mfg. Co., Racine, Wis. *27
John C. Schmidt & Co., York, Pa.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Scranton Forging Co., Scranton, Pa.
Scranton Hardware Co., Scranton, Pa.
C. E. Sovereign, Rockford, Ill.
Strieby & Foote, Newark, N. J.
Ten Eick & Kent, 1555 Broadway, New York.
I. N. Topliff Mfg. Co., Cleveland, O.
Union Hardware Co., Union, N. Y.
Upson Nut Co., Cleveland, O.
Wheeling Hinge Co., Wheeling, W. Va.
Wilcox & Howe Co., Birmingham, Conn.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.
Chas. Wing Co., Amesbury, Mass.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3840. HEAD BLOCKS.
Dann Bros. & Co., New Haven, Conn.
Richard Eccles, Auburn, N. Y.
Sinker-Davis Co., Indianapolis, Ind.
Standard Saw Mill Machinery Co., Erie, Pa.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.

3841. HEARSES.
Geo. L. Brownell, New Bedford, Mass.
Crane & Breed Mfg. Co., Cincinnati, O.
James Cunningham & Son Co., Rochester, N. Y.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
J. M. Quimby & Co., Newark, N. J.
Riddle Coach & Hearse Co., Ravenna, O.
Rock Falls Mfg. Co., Sterling, Ill.
Sayers & Scovill, Cincinnati, O.

A. HEARSES IN THE WHITE.
F. T. Clymer Co., Wilmington, Del.

3842. HUB BANDS.
Buescher Mfg. Co., Elkhart, Ind.
C. Cowles & Co., Inc., New Haven, Conn.
Dash & Carriage Goods Co., Cincinnati, O.
C. N. Lockwood & Co., Newark, N. J.
Metal Stamping Co., 386 W. Broadway, New York.
Naugatuck Malleable Iron Co., Naugatuck, Conn.

Pratt & Letchworth, Buffalo, N. Y.
Wilcox & Howe Co., Birmingham, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3843. IRONS, CARRIAGE & WAGON.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Wm. Clark Sons Co., Pittsburg, Pa.
Cleveland Hardware Co., Cleveland, O.
English & Mersick Co., New Haven, Conn.
Erie Malleable Iron Co., Ltd., Erie, Pa.
Willis M. Farr, Dowagiac, Mich.
Forsyth Mfg. Co., Buffalo, N. Y.
Ganon & Trow Mfg. Co., Indianapolis, Ind.
Higgin Mfg. Co., Newport, Ky.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Pratt & Letchworth, Buffalo, N. Y.
Selle Gear Co., Akron, O.
Strieby & Foote, Newark, N. J.
Syracuse Malleable Iron Works, Syracuse, N. Y.
Wilcox & Howe Co., Birmingham, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

A. CORNER IRONS.
C. Cowles & Co., Inc., New Haven, Conn.
Dicke Tool Co., Downers Grove, Ill.
Schoen Pressed Steel Co., Pittsburg, Pa.
Wheeling Hinge Co., Wheeling, W. Va.

3844. JOINTS & JOINT ENDS.

A. CONCEALED HINGES.
Spring Perch Co., Bridgeport, Conn.

B. CONCEALED JOINTS.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

C. JOINT ENDS.
Atwater Mfg. Co., Plantsville, Conn.
Blakeslee Forging Co., Plantsville, Conn.
E. D. Clapp Mfg. Co., Auburn, N. Y.
C. Cowles & Co., Inc., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
H. D. Smith & Co., Plantsville, Conn.
Wilcox & Howe Co., Birmingham, Conn.

D. PERCH ENDS.
Blakeslee Forging Co., Plantsville, Conn.
H. D. Smith & Co., Plantsville, Conn.

E. STUMP JOINTS.
Atwater Mfg. Co., Plantsville, Conn.
Blakeslee Forging Co., Plantsville, Conn.
E. D. Clapp Mfg. Co., Auburn, N. Y.
C. Cowles & Co., Inc., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
Metal Stamping Co., 386 W. Broadway, New York.
H. D. Smith & Co., Plantsville, Conn.
Wilcox & Howe Co., Birmingham, Conn.

3845. JUMP SEAT CARRIAGES.
Emerson & Fisher Co., Cincinnati, O.
J. F. Goodrich & Co., New Haven, Conn.
P. P. Mast & Co., n. w. cor. 13th & Willow Sts., Phila., Pa.
M. S. Shipley, Cincinnati, O.
Youngstown Carriage & Wagon Co., Youngstown, O.

3846. KNOBS, CARRIAGE.
C. Cowles & Co., Inc., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
Higgin Mfg. Co., Newport, Ky.
Metal Stamping Co., 386 W. Broadway, New York.
Monarch Carriage Goods Co., Cincinnati, O.

A. KNOBS & EYELETS.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
Monarch Carriage Goods Co., Cincinnati, O.

B. KNOBS & PATCHES.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
Metal Stamping Co., 386 W. Broadway, New York.

3847. LANDAUS.
H. H. Babcock Co., Watertown, N. Y.
Biddle & Smart Co., Amesbury, Mass.
J. B. Brewster & Co., 1619 Broadway, New York.
Tom Connolly, Dubuque, Iowa.
A. T. Demarest & Co., 335 5th Av., New York.
Ferd. F. French & Co., Ltd., Boston, Mass.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
Hinckes & Johnson, Bridgeport, Conn.
P. P. Mast & Co., n. w. cor. 13th & Willow Sts., Phila., Pa.
J. M. Quimby & Co., Newark, N. J.
Rock Falls Mfg. Co., Sterling, Ill.

Troy Carriage Works, Troy, N. Y.
Youngstown Carriage & Wagon Co., Youngstown, O.

A. LANDAU FIXTURES. English & Mersick Co., New Haven, Conn.

3848. LEATHER BILLET & BACK STAY STRAPS.
Higgin Mfg. Co., Newport, Ky.

3849. LIGHTERS & HEATERS, VEHICLE.
Higgin Mfg. Co., Newport, Ky.

3850. LITTERS.
Wm. H. Armstrong & Co., Indianapolis, Ind.
David Bradley Mfg. Co., Bradley, Ill.

3851. LOGGING WHEELS & AXLES.
Butterworth & Lowe, Grand Rapids, Mich.
J. E. Randle & Co., Memphis, Tenn.
Tuttle & Lyons, Shorter's Depot, Ala.

3852. MOULDINGS, CARRIAGE.
English & Mersick Co., New Haven, Conn.
C. N. Lockwood & Co., Newark, N. J.
Metal Stamping Co., 386 W. Broadway, New York.
Ohio Scroll & Lumber Co., Covington, Ky.
Randolph & Clowes, Waterbury, Conn.
Standard Carriage Lamp Co., 43 S. Canal St., Chicago, Ill.

A. CARVED CARRIAGE SPINDLES. Ohio Scroll & Lumber Co., Covington, Ky.

B. RATTAN MOULDINGS. C. Cowles & Co., Inc., New Haven, Conn.

3853. MOUNTINGS.

A. COACH & CARRIAGE MOUNTINGS.
Atwood Mfg. Co., Amesbury, Mass.
Thos. H. Corcoran's Sons, Cincinnati, O.
M. T. Gleeson, Columbus, O.
Gray & Davis, Amesbury, Mass.
Walter Greacen & Co., Newark, N. J.
C. N. Lockwood & Co., Newark, N. J.
Monarch Carriage Goods Co., Cincinnati, O.
Searls Mfg. Co., Newark, N. J.
White Mfg. Co., Bridgeport, Conn.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

B. HEARSE MOUNTINGS.
Thos. H. Corcoran's Sons, Cincinnati, O.
Rock Falls Mfg. Co., Sterling, Ill.
White Mfg. Co., Bridgeport, Conn.

3854. NAME PLATES, CARRIAGE.
Atwood Bros. Mfg. Co., Amesbury, Mass.
S. D. Childs & Co., 140 Monroe St., Chicago, Ill.
Dash & Carriage Goods Co., Cincinnati, O.
English & Mersick Co., New Haven, Conn.
Walter Greacen & Co., Newark, N. J.
John Robbins Mfg. Co., Boston, Mass.
Schwerdth & Siebert, Bridgeport, Conn.

3855. OFFSETS.
E. D. Clapp Mfg. Co., Auburn, N. Y.
H. D. Smith & Co., Plantsville, Conn.
Wilcox & Howe Co., Birmingham, Conn.

3856. OMNIBUSES.
Abbott-Downing Co., Concord, N. H.
J. G. Brill Co., Woodland Av. & S. 62d St., Phila., Pa.
A. T. Demarest & Co., 335 5th Av., New York.
Ellis Omnibus & Cab Co., Cortland, N. Y.
Flandrau & Co., 372 Broome St., New York.
Fulton & Walker Co., 33 N. 20th St., Phila., Pa.
Harlan & Hollingsworth Co., Wilmington, Del.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
John Stephenson Co., Ltd., 95 Liberty St., New York.

3857. PANELS, CARRIAGE.
Cooper Bros., Newport, Me.
Dann Bros. & Co., New Haven, Conn.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Ohio Scroll & Lumber Co., Covington, Ky.

3858. PHAETONS.
F. A. Ames & Co., Owensboro, Ky.
H. H. Babcock Co., Watertown, N. Y.
Birdsall Mfg. Co., South Bend, Ind.
J. B. Brewster & Co., Inc., 1619 Broadway, New York.
Briggs Carriage Co., Amesbury, Mass.
Brown Carriage Co., Cincinnati, O.
Geo. L. Brownell, New Bedford, Mass.
Buckeye Buggy Co., Columbus, O.
Buckeye Mfg. Co., Anderson, Ind.
L. Burg Carriage Co., Dallas City, Ill.
Colfax Mfg. Co., South Bend, Ind.
Columbus Buggy Co., Columbus, O.
Connersville Buggy Co., Connersville, Ind.

Tom Connolly, Dubuque, Iowa.
Cortland Wagon Co., Cortland, N. Y.
A. T. Demarest & Co., 335 5th Av., New York.
R. G. Ellis, Amesbury, Mass.
Emerson-Fisher Co., Cincinnati, O.
Geo. Enger & Co., Cincinnati, O.
Enterprise Carriage Mfg. Co., Miamisburg, O.
E. S. Feltch & Co., Amesbury, Mass.
Fisher Carriage Co., Cincinnati, O.
Ferd. F. French & Co., Ltd., Boston, Mass.
Fuller & Johnson Mfg. Co., Racine, Wis.
Fuller Buggy Co., Jackson, Mich.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
T. T. Haydock Carriage Co., Cincinnati, O.
Kauffman Buggy Co., Miamisburg, O.
Keator, Wells & Co., Cortland, N. Y.
Keystone Buggy Co., Cincinnati, O.
Kimball Bros. Co., Boston, Mass.
La Crosse Carriage Co., La Crosse, Wis.
Manville & Dudley, New Haven, Conn.
McFarlan Carriage Co., Connersville, Ind.
Milburn Wagon Co., Toledo, O.
Overman Bubby Co., Cincinnati, O.
Parry Mfg. Co., Indianapolis, Ind.
J. M. Quimby & Co., Newark, N. J.
Racine Wagon & Carriage Co., Racine, Wis.
D. F. Sargent & Son, Geneseo, Ill.
Sayers & Scovill, Cincinnati, O.
Sechler & Co., Inc., Cincinnati, O.
Shelt Carriage Mfg. Co., Cincinnati, O.
M. S. Shipley, Cincinnati, O.
Specialty Carriage Co., Cincinnati, O.
Star Carriage & Harness Co., Cincinnati, O.
R. M. Stivers, 150 E. 31st St., New York.
Troy Carriage Works, Troy, N. Y.
Tyson & Jones Buggy Co., Carthage, N. C.
Union Carriage & Gear Co., Watertown, N. Y.
B. Veerkamp & Sons, Cincinnati, O.
E. W. Walker & Stutz Co., Goshen, Ind.
Ward Carriage Co., Newark, O.
Waterloo Wagon Co., Ltd., Waterloo, N. Y.
Watertown Spring Wagon Co., Watertown, N. Y.
Youngstown Carriage & Wagon Co., Youngstown, O.

A. BASKET PHAETONS.
Emerson & Fisher Co., Cincinnati, O.
J. F. Goodrich & Co., New Haven, Conn.
J. M. Quimby & Co., Newark, N. J.

3859. PLATES, CARRIAGE.

A. BED PLATES.
E. D. Clapp Mfg. Co., Auburn, N. Y.
C. Cowles & Co., New Haven, Conn.
E. S. Feltch & Co., Amesbury, Mass.
Holyoke Bar Co., Holyoke, Mass.
Pratt & Letchworth, Buffalo, N. Y.
H. D. Smith & Co., Plantsville, Conn.
Taylor, Stiles & Co., Riegelsville, N. Y.
Wilcox & Howe Co., Birmingham, Conn.

B. BOLSTER PLATES.
Cleveland Hardware Co., Cleveland, O.
Giblin & Co., Utica, N. Y.
Jas. L. Haven Co., Cincinnati, O.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Stover Mfg. Co., Freeport, Ill.

C. FELLOE PLATES.
Atwater Mfg. Co., Plantsville, Conn.
Avery Stamping Co., Cleveland, O.
W. J. Clark Co., Salem, O.
Cleveland Hardware Co., Cleveland, O.
English & Mersick Co., New Haven, Conn.
McKinney Mfg. Co., Allegheny, Pa.
Upson Nut Co., Unionville, Conn.
Wheeling Hinge Co., Wheeling, W. Va.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

D. STEP PLATES.
Cleveland Hardware Co., Cleveland, O.
Pratt & Letchworth, Buffalo, N. Y.
Rubber Step Mfg. Co., Exeter, N. H.

E. STEP SHANKS.
Pratt & Letchworth, Buffalo, N. Y.
H. D. Smith & Co., Plantsville, Conn.

3860. POLE & SHAFT TRIMMINGS.

Atwater Mfg. Co., Plantsville, Conn.
Atwood Mfg. Co., Amesbury, Mass.
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works, Columbus, O.
C. Cowles & Co., New Haven, Conn.
English & Mersick Co., New Haven, Conn.
D. M. Lane's Sons, 707 Chestnut St., Philadelphia, Pa.
C. N. Lockwood & Co., Newark, N. J.
Pratt & Letchworth, Buffalo, N. Y.
Valley Iron Works, Williamsport, Pa.
Wilcox & Howe Co., Birmingham, Conn.

A. POLE & SHAFT COUPLINGS.

S. R. Bailey & Co., Amesbury, Mass.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works, Columbus, O.
Richard Eccles, Auburn, N. Y.
G. H. Hutton & Co., Baltimore, Md.
H. D. Smith & Co., Plantsville, Conn.
Valley Iron Works, Williamsport, Pa.
Wilcox & Howe Co., Birmingham, Conn.

B. POLE & SHAFT HOLD-BACKS.

Cleveland Hardware Co., Cleveland, O.
Metal Stamping Co., 386 W. Broadway, New York.
Pratt & Letchworth, Buffalo, N. Y.
Searls Mfg. Co., 27 Mulberry St., Newark, N. J.

C. POLE CRABS.

English & Mersick Co., New Haven, Conn.
Standard Carriage Lamp Co., 43 S. Canal St., Chicago, Ill.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

D. POLE SOCKETS.

Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

E. SHAFT TIPS.

Automatic Grip Neck Yoke Co., Indianapolis, Ind.
Buescher Mfg. Co., Elkhart, Ind.
Cleveland Hardware Co., Cleveland, O.
Covert's Saddlery Works, Farmers, N. Y.
C. Cowles & Co., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
Metal Stamping Co., 386 W. Broadway, New York.
Racine General Mfg. Co., Racine, Wis. *27
Racine Malleable & Wrought Iron Co., Racine, Wis.
Searls Mfg. Co., 27 Mulberry St., Newark, N. J.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3861. POLES & SHAFTS.

Anderson Pole & Shaft Co., Anderson, Ind.
S. R. Bailey & Co., Amesbury, Mass.
C. C. Bradley & Son, Syracuse, N. Y.
S. N. Brown & Co., Dayton, O.
Buckeye Mfg. Co., Anderson, Ind.
W. T. Craft, Trenton, N. J.
Currier & Cameron Co., Amesbury, Mass.
Dann Bros. & Co., New Haven, Conn.
Downey Bros., Lancaster, Pa.
Durant-Dort Carriage Co., Flint, Mich.
Flint Wagon Works, Flint, Mich.
Oscar S. Gillett, Indianapolis, Ind.
J. A. Gleason & Bro., Van Wert, O.
Wm. H. Gray, 61 Wooster St., New York.
Lambertville Spoke Mfg. Co., Lambertville, N. J.
Jacob A. Leippe's Sons, Reading, Pa.
Parry Mfg. Co., Indianapolis, Ind.
Racine General Mfg. Co., Racine, Wis. *27
Springer Bros. Mfg. Co., Edwardsville, Ill.
Toledo Carriage Woodwork Co., Toledo, O.
Van Wert Spoke & Bending Works, Van Wert, O.
Wayne Works, Richmond, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.
Wilkinsen Mfg. Co., Binghamton, N. Y.
John J. Wright, Bremen, Ind.

3862. PONY CARTS.

H. H. Babcock Co., Watertown, N. Y.
Bingham Harness Co., Rome, N. Y.
Boston Buckboard & Carriage Co., New Haven, Conn.
J. B. Brewster & Co., 1619 Broadway, New York.
W. S. Frazier & Co., Aurora, Ind.
J. F. Goodrich & Co., New Haven, Conn.
C. P. Kimball & Co., Mich. Av. & Harmon Pl., Chicago, Ill.
Paris Mfg. Co., South Paris, Me.
Chauncey Thomas & Co., Boston, Mass.
Walborn & Riker, South Paris, O.

3863. PROP BLOCKS.

American Supply Mfg. Co., 20 Warren St., New York.

Dash & Carriage Goods Co., Cincinnati, O.
Empire Rubber Mfg. Co., 58 Reade St., New York.
Goodyear Rubber Co., 787 Broadway, New York.
Metal Stamping Co., 386 W. Broadway, New York.
Trenton Rubber Co., Trenton, N. J.

3864. PROP RESTS.
Dash & Carriage Goods Co., Cincinnati, O.

3865. PROPS, CARRIAGE.
C. Cowles & Co., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
Dash & Carriage Goods Co., Cincinnati, O.
English & Mersick Co., New Haven, Conn.
Higgin Mfg. Co., Newport, Ky.
Monarch Carriage Goods Co., Cincinnati, O.
Searles Mfg. Co., 27 Mulberry St., Newark, N. J.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3866. REIN HOLDERS.
E. E. Brewster Mfg. Co., Holly, Mich.
Eberhard Mfg. Co., Cleveland, O.
English & Mersick Co., New Haven, Conn.
Racine Malleable & Wrought Iron Co., Racine, Wis.
B. F. Sturtevant Co., Boston, Mass.
Wheel & Wood Bending Co., Bridgeport, Conn.

3867. ROAD CARTS.
American Carriage Co., Kalamazoo, Mich.
Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
B. F. Avery & Sons, Louisville, Ky.
H. H. Babcock Co., Watertown, N. Y.
Benjamin F. Bard, Coatesville, Pa.
Boston Buckboard & Carriage Co., New Haven, Conn.
Briggs Carriage Co., Amesbury, Mass.
L. Burg Carriage Co., Dallas City, Ill.
Chas. E. Chadwick Co., Chadwick, N. Y.
Columbus Buggy Co., Columbus, O.
Cortland Wagon Co., Cortland, N. Y.
Jacob J. Deal & Son, Jonesville, Mich.
Durant-Dort Carriage Co., Flint, Mich.
Emerson & Fisher Co., Cincinnati, O.
Eureka Co., Rock Falls, Ill.
E. S. Feltch & Co., Amesbury, Mass.
Fish Bros. Wagon Co., Racine, Wis.
Flint Buggy Co., Flint, Mich.
Flint Wagon Works, Flint, Mich.
W. S. Frazier & Co., Aurora, Ill.
T. T. Haydock Carriage Co., Cincinnati, O.
W. B. Holton Mfg. Co., Indianapolis, Ind.
T. Hooker & Co., San Francisco, Cal.
Kalamazoo Wagon Co., Kalamazoo, Mich.
Kauffman Buggy Co., Miamisburg, O.
Keator, Wells & Co., Cortland, N. Y.
Mason Carriage Co., Mason, Mich.
P. P. Mast & Co., Philadelphia, Pa.
Michigan Buggy Co., Kalamazoo, Mich.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Overman Buggy Co., Cincinnati, O.
Parry Mfg. Co., Indianapolis, Ind.
Racine Wagon & Carriage Co., Racine, Wis.
D. F. Sargent & Son, Geneseo, Ill.
R. D. Scott & Co., Pontiac, Mich.
Sechler & Co., Cincinnati, O.
M. S. Shipley, Cincinnati, O.
Troy Carriage Works, Troy, N. Y.
E. W. Walker & Stutz Co., Goshen, Ind.
Wayne Works, Richmond, Ind.
A. Wrenn & Son, Norfolk, Va.
Youngstown Carriage & Wagon Co., Youngstown, O.

A. ROAD CARTS IN THE WHITE.
Mulholland Spring Gear Co., Dunkirk, N. Y.

3868. ROCKAWAYS.
H. H. Babcock Co., Watertown, N. Y.
Biddle & Smart Co., Amesbury, Mass.
Boston Buckboard & Carriage Co., New Haven, Conn.
J. B. Brewster & Co., 1619 Broadway, New York.
Buckeye Buggy Co., Columbus, O.
Tom Connolly, Dubuque, Iowa.
E. S. Feltch & Co., Amesbury, Mass.
Ferd. F. French & Co., Ltd., Boston, Mass.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
C. P. Kimball & Co., Mich. Av. & Harmon Pl., Chicago, Ill.

P. P. Mast & Co., 13th & Willow Sts., Philadelphia, Pa.
J. M. Quimby & Co., Newark, N. J.
M. S. Shipley, Cincinnati, O.
Rufus M. Stivers, 150 E. 31st St., New York.
Troy Carriage Works, Troy, N. Y.

3869. RODS.

A. CARPET RODS.
Dann Bros. & Co., New Haven, Conn.
Dash & Carriage Goods Co., Cincinnati, O.
English & Mersick Co., New Haven, Conn.
Gould-Mersereau Co., 259 Canal St., New York.

B. CARRIAGE PARASOL RODS, CHILDREN'S.
C. J. Smith & Sons Co., Milwaukee, Wis.

C. END BOARD RODS.
Hurlbut Co., Racine, Wis.

D. WAGON BOX RODS.
Cleveland Hardware Co., Cleveland, O.
J. F. Goodrich & Co., New Haven, Conn.
Hurlbut Co., Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
C. J. Smith & Sons Co., Milwaukee, Wis.

3870. ROLL UP STRAPS.
Peters & Herron Dash Co., Columbus, O.

3871. RUBBER CARRIAGE GOODS.

A. CARRIAGE DRILL AND DUCK.
Rubber Step Mfg. Co., Exeter, N. H.
Empire Rubber Co., Trenton, N. J.
Fairfield Rubber Co., Fairfield, Conn.
Mechanical Rubber Co., 22 Murray St., New York.
Trenton Rubber Co., Trenton, N. J.

B. RUBBER CARRIAGE TIRES.
Diamond Rubber Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Gormully & Jeffery Mfg. Co., 226 N. Franklin St., Chic., Ill.
Hartford Rubber Works Co., Hartford, Conn.
Newton Rubber Works, Newton Upper Falls, Mass.
Victor Rubber Tire Co., Springfield, O.

3872. RUNABOUTS.
Buckeye Buggy Co., Columbus, O.
C. N. Dennett & Co., Amesbury, Mass.
Durant-Dort Carriage Co., Flint, Mich.
J. F. Goodrich & Co., 684 Broadway, New York.
Hassett & Hodge, Amesbury, Mass.
R. M. Stivers, 150 E. 31st St., New York.

3873. SEATS.

A. CARRIAGE SEATS.
Dann Bros. & Co., New Haven, Conn.
Excelsior Seat Co., Columbus, O.
Hartford Woven Wire Mattress Co., Hartford, Conn.
G. H. Hutton & Co., Baltimore, Md.
C. Z. Kroh Co., Toledo, O.
Osgood Morrill, Amesbury, Mass.
Racine General Mfg. Co., Racine, Wis. *27
Rumsey Mfg. Co., Detroit, Mich.

B. CART SEATS.
Unadilla Machine Works, Unadilla, N. Y.

C. JUMP SEATS.
J. W. Dann Mfg. Co., Columbus, O.

D. SEAT FASTENERS.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

E. SEAT HANDLES.
Dash & Carriage Goods Co., Cincinnati, O.
Metal Stamping Co., 386 W. Broadway, New York.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

F. SEAT RAILS, BENT WOOD.
Dann Bros. & Co., New Haven, Conn.

G. SEAT SPINDLES, WOOD.
Dann Bros. & Co., New Haven, Conn.

H. THIRD PASSENGER ADJUSTABLE SEATS.
Shelt Carriage Mfg. Co., Cincinnati, O.

I. TRUCK SEATS.
Pratt & Letchworth, Buffalo, N. Y.

J. WAGON SEATS.
Dann Bros. & Co., New Haven, Conn.
Chas. Hallenbeck, Cobleskill, N. Y.
Toledo Carriage Woodwork Co., Toledo, O.

3874. SHAFT HOLDERS.
American Shaft Holder Co., Wabash, Ind.
Chas. Hallenbeck, Cobleskill, N. Y.

3875. SHIFTING RAILS.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Crandal, Stone & Co., Binghamton, N. Y.
Metal Stamping Co., 386 W. Broadway, New York.
Pratt & Letchworth, Buffalo, N. Y.

3876. SKEINS, WAGON.
Bain Wagon Co., Kenosha, Wis.
Belleville Pump & Skein Works, Belleville, Ill.
Defiance Machine Works, Defiance, O.
Giblin & Co., Utica, N. Y.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Sandage Steel Skein Co., South Bend, Ind.

A. THIMBLE SKEINS.
Jas. L. Haven Co., Cincinnati, O.

Illinois Iron & Bolt Co., Carpentersville, Ill.
South Bend Wagon Co., South Bend, Ind.

B. THIMBLE SKEINS, STEEL. Columbus Mfg. Co., Columbus, O.
Illinois Iron & Bolt Co., Carpentersville, Ill.
South Bend Wagon Co., South Bend, Ind.

3877. SLAT RINGS. H. D. Smith & Co., Plantsville, Conn.

3878. SLED & SLEIGH RUNNERS.
J. A. Gleason & Bro., Van Wert, O.
Shelt Carriage Mfg. Co., Cincinnati, O.
Van Wert Spoke & Bending Works, Van Wert, O.

A. RUNNER ATTACHMENTS. J. A. Gleason & Bro., Van Wert, O.
Lansing Wheelbarrow Co., Lansing, Mich.

3879. SLEIGHS. H. H. Babcock Co., Watertown, N. Y.
S. R. Bailey & Co., Amesbury, Mass.
Benjamin F. Bard, Coatesville, Pa.
Belknap Wagon Co., Grand Rapids, Mich.
Bingham Harness Co., Rome, N. Y.
J. B. Brewster & Co., Inc., 1619 Broadway, New York.
City Carriage Works, Fort Wayne, Ind.
Cortland Wagon Co., Cortland, N. Y.
Nathaniel H. Folger, Amesbury, Mass.
Forbes Sleigh Co., Westboro, Mass.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
Fuller Buggy Co., Jackson, Mich.
Gate City Carriage Co., Winona, Minn.
J. F. Goodrich & Co., New Haven, Conn.
James Goold & Co., Albany, N. Y.
Kalamazoo Wagon Co., Kalamazoo, Mich.
Keator, Wells & Co., Cortland, N. Y.
Kimball Bros. & Co., 110 Sudbury St., Boston, Mass.
J. Austin Lancaster & Co., Marrimac, Mass.
La Porte Carriage Co., La Porte, Ind.
A. Meinecke & Son, Milwaukee, Wis.
Munnesville Plow Co., Munnesville, N. Y.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Rumsey Mfg. Co., Detroit, Mich.
R. M. Stivers, 150 E. 31st St., New York.
Sturtevant-Larrabee Co., Binghamton, N. Y.
B. F. & H. L. Sweet Co., Fond-du-Lac, Wis.
Troy Carriage Works, Troy, N. Y.
Union Carriage & Gear Co., Watertown, N. Y.
Arthur Wood Carriage Co., Grand Rapids, Mich.
York Carriage Co., York, Pa.

A. BOB SLEDS. E. Bement & Sons, Lansing, Mich.
David Bradley Mfg. Co., Bradley, Ill.
Chas. L. Bugbee, Hartford, Vt.
John A. Chockelt, South Bend, Ind.
G. D. Colton & Co., Galesburg, Ill.
Columbia Wagon Co., Columbia, Pa.
Coquillard Wagon Works, South Bend, Ind.
A. P. Dickey Mfg. Co., Racine, Wis.
Fuller & Johnson Mfg. Co., Madison, Wis.
R. R. Howell & Co., Minneapolis, Minn.
Hurlbut Co., Racine, Wis.
Keller Mfg. Co., Sauk Center, Minn.
Lansing Wagon Works, Lansing, Mich.
Marseilles Mfg. Co., Marseilles, Ill.
McDonald & Taylor, West Superior, Wis.
Neal, Johns & Co., Lake City, Minn.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Ewald Over, Indianapolis, Ind.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Peter Sames, Rockford, Ill.
Staver Carriage Co., W. 76th & Wallace Sts., Chicago, Ill.
Sterling Mfg. Co., Sterling, Ill.
Stoughton Wagon Co., Stoughton, Wis.
Sutton Bros. & Bell, Indiana, Pa.
B. F. & H. L. Sweet Co., Fond-du-Lac, Wis.
Tiffin Agricultural Works, Tiffin, O.
Union Carriage & Gear Co., Watertown, N. Y.
Weber Wagon Co., W. 81st & Wallace Sts., Chicago, Ill.
Theo. Weyher & Son, Whitewater Wis.
Winona Wagon Co., Winona, Minn.
John J. Wright, Bremen, Ind.

B. CUTTERS. H. H. Babcock Co., Watertown, N. Y.

Biddle & Smart Co., Amesbury, Mass.
Bingham Harness Co., Rome, N. Y.
Chas. H. Bohanon Mfg. & Storage Co., 112 20th St.,Chic., Ill.
Brewster & Co., 1581 Broadway, New York.
Tom Connolly, Dubuque, Iowa.
Cortland Wagon Co., Cortland, N. Y.
A. T. Demarest & Co., 335 5th Av., New York.
Gate City Carriage Co., Winona, Minn.
J. F. Goodrich & Co., 684 Broadway, New York.
Kalamazoo Wagon Co., Kalamazoo, Mich.
Keator, Wells & Co., Cortland, N. Y.
Michigan Buggy Co., Kalamazoo, Mich.
Harvey A. Moyer, Syracuse, N. Y.
Pontiac Buggy Co., Pontiac, Mich.
Rufus M. Stivers, 150 E. 31st St., New York.
Troy Carriage Works, Troy, N. Y.
Union Carriage & Gear Co., Watertown, N. Y.
Watertown Spring Wagon Co., Watertown, N. Y.
Arthur Wood Carriage Co., Grand Rapids, Mich.

C. HAND SLEDS.
Benton Mfg. Co., Charlotte, Mich.
Rumsey Mfg. Co., Detroit, Mich.

D. HUB RUNNERS.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.

E. PONY SLEIGHS.
Binghamton Harness Co., Rome, N. Y.

F. RAILROAD SLEIGHS.
Ellis Omnibus & Cab Co., Cortland, N. Y.

G. RUSSIAN SLEIGHS.
A. E. & J. H. Christie, Nyack, N. Y.
Troy Carriage Works, Troy, N. Y.

3880. SLEIGH SHOES.
Cambria Iron Co., Johnstown, Pa.
A. P. Dickey Mfg. Co., Racine, Wis.
Hurlbut Co., Racine, Wis.
E.P.Kimball & Co.,Inc.,Wabash Av. & Harrison St.,Chic.,Ill.

3881. SLEIGH STOCK.
Oscar S. Gillett, Indianapolis, Ind.
Christian Knoepfle, Bremen, Ind.
John J. Wright, Bremen, Ind.

3882. SPIDERS.
Boston Buckboard & Carriage Co., New Haven, Conn.
Buckeye Buggy Co., Columbus, O.

3883. SPRINGS.

A. CARRIAGE SPRINGS.
Algis Mfg. Co., Marshalltown, Iowa.
Ansted-Higgins Spring Co., Racine, Wis.
Buffalo Spring & Gear Co., Buffalo, N. Y.
Cincinnati Spring Works, 8th & Gest Sts., Cincinnati, O.
D. Delaney & Son, Newark, N. J.
W. & E. T. Fitch Co., New Haven, Conn.
Fostor Bros. Mfg. Co., Utica, N. Y.
Henry Spring Co., Winsted, Conn.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
King Spring Co., Buffalo, N. Y.
Racine General Mfg. Co., Racine, Wis. *27
William & Harvey Rowland, Inc., Frankford, Phila., Pa.
C. J. Smith & Sons Co., Milwaukee, Wis.
Spring Perch Co., Bridgeport, Conn.
Edward Storm Spring Co., Ltd., Poughkeepsie, N. Y.
Sweets Mfg. Co., Syracuse, N. Y.
Tomlinson Spring Co., 233 N. J. R. R. Av., Newark, N. J.
Tuthill Spring Co., 315 S. Clinton St., Chicago, Ill.
Weston & Wells Mfg. Co., 1116 Noble St., Phila., Pa.
C. R. & J. Wilson Carriage Co., Detroit, Mich.
F. W. Wurster & Co., 375 Kent Av., Brooklyn, N. Y.
Wood, Smith & Co., Inc., Fort Plain, N. Y.

B. CHILDREN'S CARRIAGE SPRINGS.
C. J. Smith & Sons Co., Milwaukee, Wis.

C. COACH SPRINGS.
Betts Spring Co., San Francisco, Cal.
Edward J. Hayes, Troy, N. Y.
E. R. Merrill Spring Co., 530 W. 28th St., New York.
William & Harvey Rowland, Frankford, Phila., Pa.
Davis W. Shuler & Son, Amsterdam, N. Y.
Spring Perch Co., Bridgeport, Conn.
Wood, Smith & Co., Inc., Fort Plain, N. Y.

D. COIL SPRINGS.
Wallace Barnes Co., Bristol, Conn.
Buffalo Spring & Gear Co., Buffalo, N. Y.
Cleveland Wire Spring Co., Cleveland, O.
Crescent Steel Co., Pittsburg, Pa.
A. French Spring Co., Ltd., Pittsburg, Pa.
Harrow Spring Co., Kalamazoo, Mich.
Morgan Spring Co., Worcester, Mass.

E. WAGON SPRINGS.
Abbot-Downing Co., Concord, N. H.
E. B. Adams & Son, Racine, Wis.

Allentown Platform Co., Allentown, Pa.
Ansted-Higgins Spring Co., Racine, Wis.
Cincinnati Spring Works, 8th & Gest Sts., Cincinnati, O.
Empire Rubber Mfg. Co., 58 Reade St., New York.
W. E. T. Fitch Co., New Haven, Conn.
A. French Spring Co., Ltd., Pittsburg, Pa.
Haggard Wagon Spring Co., Lafayette, Ind.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
E. R. Merrill Spring Co., 530 W. 28th St., New York.
Mulholland Spring Co., Dunkirk, N. Y.
Ewald Over, Indianapolis, Ind.
Pontiac Spring & Wagon Works, Pontiac, Mich.
Racine Bolster & Spring Co., Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
William & Harvey Rowland Co., Inc., Frankford, Phila., Pa
Tuthill Spring Co., 315 S. Clinton St., Chicago, Ill.
Weber Wagon Co., W. 81st & Wallace Sts., Chicago, Ill.
Wood, Smith & Co., Inc., Fort Plain, N. Y.
F. W. Wurster & Co., 375 Kent Av., Brooklyn, N. Y.

F. WAGON SPRINGS, RUBBER.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Connecticut Rubber Co., Hartford, Conn.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Hodgman Rubber Co., 593 Broadway, New York.
Mechanical Rubber Co., 22 Murray St., New York.
New Jersey Car Spring Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park Pl., New York.
United Rubber Co., Trenton, N. J.

3884. SPRING SHACKLES.
Richard Eccles, Auburn, N. Y.
Pratt & Letchworth, Buffalo, N. Y.
H. D. Smith & Co., Plantsville, Conn.

3885. STAGES.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
J. F. Goodrich & Co., New Haven, Conn.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

3886. STANHOPES.
Buckeye Buggy Co., Columbus, O.
C. N. Dennett & Co., Amesbury, Mass.
Durant-Dort Carriage Co., Flint, Mich.
Hassett & Hodge, Amesbury, Mass.
Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati, O
Watertown Spring Wagon Co., Watertown, N. Y.

3887. STAY ENDS.
Abbot-Downing Co., Concord, N. H.
Cleveland Hardware Co., Cleveland, O.
Crandal, Stone & Co., Binghamton, N. Y.
H. D. Smith & Co., Plantsville, Conn.
Wilcox & Howe Co., Birmingham, Conn.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.

3888. STEPS.

A. CARRIAGE STEPS.
Atwater Mfg. Co., Plantsville, Conn.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
E. L. Goodrich & Co., Fair Haven, Vt.
Pratt & Letchworth, Buffalo, N. Y.
Rubber Step Mfg. Co., Exeter, N. H.
H. D. Smith & Co., Plantsville, Conn.
Strieby & Foote, Newark, N. J.
Wilcox & Howe Co., Birmingham, Conn.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.

B. STEP HEADS.
H. D. Smith & Co., Plantsville, Conn.

C. STEP PADS.
Atwater Mfg. Co., Plantsville, Conn.
Blakeslee Forging Co., Plantsville, Conn.
Cleveland Hardware Co., Cleveland, O.
E. D. Clapp Mfg. Co., Auburn, N. Y.
C. Cowles & Co., Inc., New Haven, Conn.
Monarch Carriage Goods Co., Spring Grove Av., Cinn., O.
Pratt & Latchworth, Buffalo, N. Y.
H. D. Smith & Co., Plantsville, Conn.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.

3889. SULKIES.
Tom Connolly, c. 7th & Iowa Sts., Dubuque, Iowa.
W. S. Frazier & Co., Aurora, Ill.
J. F. Goodrich & Co., New Haven, Conn.
McMurray Sulky Co., Marion, O.
Parry Mfg. Co., Indianapolis, Ind.
Watertown Spring Wagon Co., Watertown, N. Y.
Morris Woodhull, Dayton, O.

3890. SURREYS.

F. A. Ames & Co., Owensboro, Ky.
H. H. Babcock Co., Watertown, N. Y.
Baker Carriage Co., Des Moines, Iowa.
J. B. Brewster & Co., Ins., 1619 Broadway, New York.
Brown Carriage Co., 1602 Gest St., Cincinnati, O.
Buckeye Buggy Co., Columbus, O.
Buckeye Mfg. Co., Anderson, Ind.
L Burg Carriage Co., Dallas City, Ill.
Colfax Mfg. Co., South Bend, Ind.
Columbus Buggy Co., Columbus, O.
Connersville Buggy Co., Connersville, Ind.
Tom Connolly, c. 7th & Iowa Sts., Dubuque, Iowa.
Cortland Wagon Co., Cortland, N. Y.
A. T. Demarest & Co., 335 5th Av., New York.
C. N. Dennett & Co., Amesbury, Mass.
Dunlap Vehicle Co., Pontiac, Mich.
Durant-Dort Carriage Co., Flint, Mich.
R. G. Ellis, Amesbury, Mass.
Geo. Enger & Co., Gest & Summer Sts., Cincinnati, O.
Enterprise Carriage Mfg. Co., Miamisburg, O.
E. S. Feltch & Co., Amesbury, Mass.
Flint Wagon Works, Flint, Mich.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
Fuller & Johnson Mfg. Co., Racine, Wis.
Fuller Buggy Co., Jackson, Mich.
J. F. Goodrich & Co., New Haven, Conn.
Hassett & Hodge, Amesbury, Mass.
Kauffman Buggy Co., Miamisburg, O.
Keator, Wells & Co., Cortland, N. Y.
Keystone Buggy Co., 2105 South St., Cincinnati, O.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.
Mansfield Buggy Co., Mansfield, O.
McFarlan Carriage Co., Connersville, Ind.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Overman Buggy Co., 10 E. 4th St., Cincinnati, O.
Owosso Carriage Co., Owosso, Mich.
Parry Mfg. Co., Indianapolis, Ind.
Pontiac Buggy Co., Pontiac, Mich.
J. M. Quimby & Co., Newark, N. J.
Racine Wagon & Carriage Co., Racine, Wis.
D. F. Sargent & Son, Geneseo, Ill.
R. D. Scott & Co., Pontiac, Mich.
M. S. Shipley, Cincinnati, O.
Spaulding Mfg. Co., Grinnell, Iowa.
Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati, O.
R. M. Stivers, 150 E. 31st St.. New York.
Troy Buggy Works Co., Troy, O.
Troy Carriage Works, Troy, N. Y.
Tyson & Jones Buggy Co., Carthage, N. C.
Union Carriage & Gear Co., Watertown, N. Y.
B. Veerkamp & Sons, 469 Walnut St., Cincinnati, O.
E. W. Walker & Stutz Co., Goshen, Ind.
Watertown Spring Wagon Co., Watertown, N. Y.
Watertown Wagon Co., Ltd., Waterloo, N. Y.
Youngstown Carriage & Wagon Co., Youngstown, O.

3891. "T" CARTS.

H. H. Babcock Co., Watertown, N. Y.
Boston Buckboard & Carriage Co., New Haven, Conn.
J. B. Brewster & Co., Inc., 1619 Broadway, New York.
Buffalo Spring & Gear Co., Buffalo, N. Y.
A. T. Demarest & Co., 335 5th Av., New York.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
J. F. Goodrich & Co., New Haven, Conn.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.
Manville & Dudley, New Haven, Conn.
J. M. Quimby & Co., Newark, N. J.
Rufus M. Stiver, 150 E. 31st St., New York.
Troy Carriage Works, Troy, N. Y.

3892. TONGUE SUPPORTS.

Haggard Wagon Spring Co., Lafayette, Ind.
Tuthill Spring Co., 315 S. Clinton St., Chicago, Ill.
Weber Wagon Co., W. 81st & Wallace Sts., Chicago, Ill.

3893. TOPS.

A. CANOPY TOPS & TRIMMINGS.

D. G. Beers & Co., Newtown, Conn.
Buckeye Mfg. Co., Anderson, Ind.
I. E. Palmer, Middletown, Conn.

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David A. Smith, 1632 Wabash Av., Chicago, Ill.

B. CANOPY STANDARDS & SOCKETS.
E. D. Clapp Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
C. Cowles & Co., Inc., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
M. Seward & Son, New Haven, Conn.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.

C. CARRIAGE TOPS.
D. G. Beers & Co., Newtown, Conn.
Flint Gear & Top Co., Flint, Mich.
C. A. Halliday, Oneida, N. Y.
Kalamazoo Top Co., Kalamazoo, Mich.
C. Z. Kroh Co., Toledo, O.
La Porte Carriage Co., La Porte, Ind.
Missouri Tent & Awning Co., 218 Chestnut St., St. Louis, Mo.
Rumsey Mfg. Co., Detroit, Mich.
David A. Smith, 1632 Wabash Av., Chicago, Ill.
Warner Pole & Top Co., Cincinnati, O.
Joel H. Woodman, Hoboken, N. J.

D. TOP TRIMMINGS.
Crandal, Stone & Co., Binghamton, N. Y.

E. WAGON TOPS.
Chicago Top & Cushion Co., Chicago, Ill.
Flint Gear & Top Co., Flint, Mich.
David A. Smith, 1632 Wabash Av., Chicago, Ill.

3894. TRACE ATTACHMENTS.
Pratt & Letchworth Co., Buffalo, N. Y.

3895. TRAPS.
F. A. Ames & Co., Owensboro, Ky.
Brown Carriage Co., 1602 Gest St., Cincinnati, O.
Buckeye Buggy Co., Columbus, O.
Colfax Mfg. Co., South Bend, Ind.
J. F. Goodrich & Co., 684 Broadway, New York.
Tyson & Jones Buggy Co., Carthage, N. C.

3896. TRIMMINGS, CARRIAGE.
Bridgeport Coach Lace Co., Bridgeport, Conn.
Butler & Ward Co., Newark, N. J.
City Carriage Works, Fort Wayne, Ind.
Dash & Carriage Goods Co., Cincinnati, O.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Knox-Hill Co., Warsaw, Ill.
C. Z. Kroh Co., Toledo, O.
La Porte Carriage Co., La Porte Ind.
C. N. Lockwood & Co., Newark, N. J.
Metal Stamping Co., 386 W. Broadway, New York.
Nease, McLean & McGinness, Pittsburg, Pa.
Rumsey Mfg. Co., Detroit, Mich.
D. Wilcox Mfg. Co., Mechanicsburg, Pa.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

A. WAGON TRIMMINGS.
Racine General Mfg. Co., Racine, Wis. *27

3897. UPHOLSTERY, CARRIAGE.

A. CARRIAGE BUTTONS.
C. Cowles & Co., Inc., New Haven, Conn.
Tockwotton Co., Providence, R. I.
L. C. White Co., Waterbury, Conn.

B. CARRIAGE FRINGES.
Bridgeport Coach Lace Co., Bridgeport, Conn.
A. B. Fiedler & Sons, 234 Franklin St., Chicago, Ill.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.

C. CARRIAGE SEAMING CORD.
Wortendyke Mfg. Co., Richmond, Va.

D. CARRIAGE TASSELS.
Bridgeport Coach Lace Co., Bridgeport, Conn.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Schrack & Sherwood, 233 Market St., Philadelphia, Pa.

E. COACH LACE.
Booth Coach Lace Co., New Haven, Conn.
Bridgeport Coach Lace Co., Bridgeport, Conn.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

F. LEATHER BUTTON HOLES.
Harris Button Hole Co., 18 Dunham Pl., Brooklyn, N. Y.

G. METAL BUTTON HOLES.
Dash & Carriage Goods Co., 1012 Wade St., Cincinnati, O.
Harris Button Hole Co., 18 Dunham Pl., Brooklyn, N. Y.

3898. VANS, FURNITURE.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.

3899. VICTORIAS.
H. H. Babcock Co., Watertown, N. Y.
J. B. Brewster & Co., Inc., 1619 Broadway, New York.
Geo. L. Brownell, New Bedford, Mass.
Buckeye Buggy Co., Columbus, O.
A. T. Demarest & Co., 335 5th Av., New York.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
J. F. Goodrich & Co., 684 Broadway, New York.
James Goold Co., Albany, N. Y.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.
J. M. Quimby & Co., Newark, N. J.

Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati, O.
R. M. Stivers, 150 E. 31st St., New York.
Chauncey Thomas & Co., 101 Chestnut St., Boston, Mass.
Troy Carriage Works, Troy, N. Y.
Tyson & Jones Buggy Co., Carthage, N. C.

3900. VILLAGE CARTS.
H. H. Babcock Co., Watertown, N. Y.
Biddle & Smart Co., Amesbury, Mass.
Boston Buckboard & Carriage Co., New Haven, Conn.
J. B. Brewster & Co., 1619 Broadway, New York.
A. T. Demarest & Co., 335 5th Av., New York.
J. F. Goodrich & Co., New Haven, Conn.
Kimball Bros. Co., 110 Sudbury St., Boston, Mass.
J. M. Quimby & Co., Newark, N. J.
Rufus M. Stivers, 150 E. 31st St., New York.

3901. VIS-À-VIS CARRIAGES.
Brewster & Co., 1581 Broadway, New York.
J. B. Brewster & Co., 1619 Broadway, New York.
A. T. Demarest & Co., 335 5th Av., New York.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
J. F. Goodrich & Co., New Haven, Conn.
James Goold Co., Albany, N. Y.
Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati, O.
Troy Carriage Works, Troy, N. Y.

3902. WAGON BRAKE RATCHETS.
Cleveland Hardware Co., Cleveland, O.

3903. WAGON BUMPERS.
American Supply Co., 467 Broadway, New York.
Chicago Rubber & Belting Co., 312 Dearborn St., Chic., Ill.
Home Rubber Co., Trenton, N. J.

3904. WAGON CIRCLES.
Van Wert Spoke & Bending Works, Van Wert, O.

3905. WAGON CURTAIN PATCHES.
Crandal, Stone & Co., Binghamton, N. Y.

3906. WAGON DUMPS.
Nordyke & Marmon Co., Indianapolis, Ind.

3907. WAGONS.
H. H. Babcock Co., Watertown, N. Y.
Bettendorf Axle Co., 400 W. Front St., Davenport, Iowa.
Chas. L. Bugbee, Hartford, Vt.
Thomas Carlin's Sons, Allegheny, Pa.
Flint Wagon Works, Flint, Mich.
Fuller & Johnson Mfg. Co., Madison, Wis.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Leudinghaus-Espenschield Wagon Co., N. B'way, St. Louis, Mo.
Look & Lincoln, Marion, Va.
Shelt Carriage Mfg. Co., Cincinnati, O.
Williams Bros., 104 W. State St., Ithaca, N. Y.

A. ARMY WAGONS.
Bodley Wagon Co., Staunton, Va.
Columbia Wagon Co., Columbia, Pa.
Oscar S. Gillett, Indianapolis, Ind.
Kentucky Wagon Mfg. Co., Louisville, Ky.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

B. AUTOMATIC DUMPING WAGONS.
P. P. Mast & Co., Springfield, O.

C. BAGGAGE WAGONS.
Buda Foundry & Mfg. Co., Harvey, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

D. BAKERS' WAGONS.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Burg Wagon Co., Burlington, Iowa.
G. W. Hoover & Son, York, Pa.
Keystone Wagon Co., Reading, Pa.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

E. BREWERS' WAGONS.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

F. BUSINESS WAGONS.
C. N. Dennett & Co., Amesbury, Mass.
Fulton & Walker Co., 33 N. 29th St., Philadelphia, Pa.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

G. BUTCHERS' WAGONS.
Burg Wagon Co., Burlington, Iowa.
G. W. Hoover & Son, York, Pa.
Keystone Wagon Co., Reading, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

Philip Klopp & Son, 565 Race St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

H. CANE WAGONS.
Bodley Wagon Co., Staunton, Va.

I. COAL WAGONS.
Bodley Wagon Co., Staunton, Va.
Kilbourne & Jacobs Mfg. Co., Calumbus, O.
Leudinghaus-Espenschield Wagon Co.,N.B'way,St.Louis,Mo.
Milbourne Wagon Co., Toledo, O.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
Winona Wagon Co,, 1009 W. 5th St., Winona, Minn.

J. CONTRACTORS' WAGONS.
Columbia Wagon Co., Columbia, Pa.
Columbus Vehicle Co., Columbus, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

K. DELIVERY WAGONS.
Abbot-Downing Co., Concord, N. H.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Birdsell Mfg. Co., South Bend, Ind.
Briggs Carriage Co., Amesbury, Mass.
Chas. L. Bugbee, Hartford, Conn.
Daimler Mfg. Co., 925 Steinway Av., Long Island City, N. Y.
Durant-Dort Carriage Co., Flint, Mich.
Ellis Omnibus & Cab Co., Cortland, N. Y.
Ferd. F. French & Co., Ltd., 14 Sudbury St., Boston, Mass.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
J. F. Goodrich & Co., New Haven, Conn.
G. W. Hoover & Son, York, Pa.
W. P. Horner & Co., Danville, Va.
Keystone Wagon Co., Reading, Pa.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Moline Wagon Co., Moline, Ill.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
M. S. Shipley, Cincinnati, O.
Shipman, Bradt & Co., De Kalb, Ill.
Sturtevant-Larrabee Co., Binghamton, N. Y.
Union Carriage & Gear Co., Watertown, N. Y.
Waterloo Wagon Co., Ltd., Waterloo, N. Y.
Watertown Spring Wagon Co., Watertown, N. Y.
Wayne Works, Richmond, Ind.
Whitman Agricultural Co., 8th St. & Clark Av.,St. Louis,Mo.

L. DUMPING WAGON BEDS.
H. L. Bennett & Co., Westerville, O.

M. DUMPING WAGONS.
H. L. Bennett & Co., Westerville, O.
Bodley Wagon Co., Staunton, Va.
Columbia Wagon Co., Columbia, Pa.
Fish Bros. Wagon Co., Racine, Wis.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Keystone Wagon Co., Reading, Pa.
Leudinghaus-Espenschield Wagon Co.,N.B'way,St.Louis,Mo.
P. P. Mast & Co., Springfield, O.
E. H. Pease Mfg. Co., Racine, Wis.

N. EXPRESS WAGONS.
Abbot-Downing Co., Concord, N. H.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Belknap Wagon Co., Grand Rapids, Mich.
Benicia Agricultural Works, Benicia, Cal.
Fenton & Dunn, Holyoke, Mass.
Fish Bros. Wagon Co. Racine, Wis.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
G. W. Hoover & Son, York, Pa.
Keystone Wagon Co., Reading. Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
H. N. Thayer & Co., Erie, Pa.
York Carriage Co., York, Pa.

O. FARM WAGONS.
Ames Plow Co., Quincy Hall, Boston, Mass.
Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
Bain Wagon Co., Kenosha, Wis.
Belknap Wagon Co., Grand Rapids, Mich.
Benicia Agricultural Works, Benicia, Cal.
H. L. Bennett & Co., Westerville, O.
Bettendorf Axle Co., Davenport, Iowa.
Birdsell Mfg. Co., South Bend, Ind.
Bodley Wagon Co., Staunton, Va.

Briggs Carriage Co., Amesbury, Mass.
Brown Mfg. Co., Zanesville, O.
Burg Wagon Co., Burlington, Iowa.
Champion Wagon Co., Oswego, N. Y.
John A. Chockelt, South Bend, Ind.
Columbia Wagon Co., Columbia, Pa.
A. A. Cooper, Dubuque, Iowa.
Coquillard Wagon Works, South Bend, Ind.
Davidson, Blount & Co., Evansville, Ind.
Farmers' Handy Wagon Co., Saginaw, Mich.
Fish Bros. Wagon Co., Racine, Wis.
Flint Wagon Works, Flint, Mich.
Florence Wagon Works, Florence, Ala.
Fuller & Johnson Mfg. Co., Madison, Wis.
Harrison Wagon Co., Grand Rapids, Mich.
W. P. Horner & Co., Danville, Va.
Kentucky Wagon Mfg. Co., Louisville, Ky.
King & Hamilton Co., Ottawa, Ill.
Lang & Bro., Farmington, Mo.
Lansing Wagon Works, Lansing, Mich.
Leudinghaus-Espenschield Wagon Co., N.B'way, St. Louis, Mo.
Marshall Bros., Pittsburg, Pa.
McCardell, West & Co., Trenton, N. J.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Moline Wagon Co., Moline, Ill.
Neal, Johns & Co., Lake City, Minn.
Newton Wagon Co., Batavia, Ill.
North Western Mfg. Co., Fort Atkinson, Wis.
Olds Wagon Works, Fort Wayne, Ind.
Owensboro Wagon Co., Owensboro, Ky.
Owosso Carriage Co., Owosso, Mich.
Piqua Wagon Co., Piqua, O.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Peter Sames, Rockford, Ill.
Schuttler & Hotz, 45 W. Monroe St., Chicago, Ill.
Shunk Plow Co., Bucyrus, O.
T. & H. Smith & Co., Inc., Pekin, Ill.
South Bend Wagon Co., South Bend, Ind.
Stoughton Wagon Co., Stoughton, Wis.
B. F. & H. L. Sweet, Fond-du-Lac, Wis.
Turnbull Wagon Co., Defiance, O.
O. C. Vaughn Mfg. Co., Jefferson, Wis.
Waterloo Wagon Co., Ltd., Waterloo, N. Y.
Weber Wagon Co., 81st & Wallace Sts., Chicago, Ill.
White Hickory Wagon Mfg. Co., Atlanta, Ga.
Williams Bros., 104 W. State St., Ithaca, N. Y.
Winona Wagon Co., 1009 W. 5th St., Winona, Minn.
A. Wrenn & Son, Norfolk, Va.

P. FOUNDRY WAGONS.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.

Q. FREIGHT WAGONS.
Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
Bain Wagon Co., Kenosha, Wis.
Bodley Wagon Co., Staunton, Va.
Burg Wagon Co., Burlington, Iowa.
A. A. Cooper, Dubuque, Iowa.
Fish Bros. Wagon Co., Racine. Wis.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
S. D. Gedney, 317 W. 13th St., New York.
Harrison Wagon Co., Grand Rapids, Mich.
W. P. Horner & Co., Danville, Va.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Moline Wagon Co., Moline, Ill.
Owensboro Wagon Co., Owensboro, Ky.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
South Bend Wagon Co., South Bend, Ind.
Winona Wagon Co., 1009 W. 5th St., Winona, Minn.

R. FRUIT WAGONS.
San Jose Agricultural Works, San Jose, Cal.

S. FURNITURE WAGONS.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
John H. Michael, 25 E. 8th St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Racine Wagon & Carriage Co., Racine, Wis.

I. N. W. Sherman, 316 5th Av., Chicago, Ill.
M. S. Shipley, Cincinnati, O.

T. GARBAGE WAGONS.
F. C. Austin Mfg. Co., Harvey, Ill.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.

U. GRAIN WAGONS.
A. A. Cooper, Dubuque, Iowa.
Fish Bros. Wagon Co., Racine, Wis.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Winona Wagon Co., 1009 W. 5th St., Winona, Minn.

V. GROCERS' WAGONS.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Burg Wagon Co., Burlington, Iowa.
Fish Bros. Wagon Co., Racine, Wis.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
G. W. Hoover & Son, York, Pa.
W. P. Horner & Co., Danville, Va.
Keystone Wagon Co., Reading, Pa.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

W. ICE WAGONS.
Ellis Omnibus & Cab Co., Cortland, N. Y.
Keystone Wagon Co., Reading, Pa.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
Knickerbocker Ice Co., 6th & Arch Sts., Phila., Pa.
Milburn Wagon Co., Toledo, O.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

X. LAUNDRY WAGONS.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
G. W. Hoover & Son, York, Pa.
Keystone Wagon Co., Reading, Pa.
Koenig & Luhrs Wagon Co., Quincy, Ill.
John H. Michael, 25 E. 8th St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
M. S. Shipley, Cincinnati, O.

Y. LIVE STOCK WAGONS.
Studebaker Bros. Mfg. Co., South Bend, Ind.

Z. LOG WAGONS.
Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
Bodley Wagon Co., Staunton, Va.
Fish Bros. Wagon Co., Racine, Wis.
Florence Wagon Works, Florence, Ala.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Leudinghaus-Espenscheild Wagon Co., N.B'way, St. Louis, Mo.
Mitchell & Lewis Co., Ltd., Racine, Wis.
South Bend Wagon Co., South Bend, Ind.
White Hickory Wagon Mfg. Co., Atlanta, Ga.

AA. LUMBER WAGONS.
Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
Birdsall Mfg. Co., South Bend, Ind.
Bodley Wagon Co., Staunton, Va.
Burg Wagon Co., Burlington, Iowa.
Champion Wagon Co., Oswego, N. Y.
A. A. Cooper, Dubuque, Iowa.
Fish Bros. Wagon Co., Racine, Wis.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Leudinghaus-Espenscheild Wagon Co., N.B'way, St. Louis, Mo.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Williams Bros., 104 W. State St., Ithaca, N. Y.
Winona Wagon Co., 1009 W. 5th St., Winona, Minn.

BB. MAIL WAGONS.
Abbott-Downing Co., Concord, N. H.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

CC. MARKET WAGONS.
A. A. Cooper, Dubuque, Iowa.
Fish Bros. Wagon Co., Racine, Wis.
Keystone Wagon Co., Reading, Pa.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
M. S. Shipley, Cincinnati, O.

DD. MILK WAGONS.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Burg Wagon Co., Burlington, Iowa.

Columbia Wagon Co., Columbia, Pa.
A. A. Cooper, Dubuque, Iowa.
Ellis Omnibus & Cab Co., Cortland, N. Y.
Farmers' Handy Wagon, Saginaw, Mich.
Fish Bros. Wagon Co., Racine, Wis.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
G. W. Hoover & Son, York, Pa.
Keystone Wagon Co., Reading, Pa.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Racine Wagon & Carriage Co., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.

EE. ORE WAGONS.
Bain Wagon Co., Kenosha, Wis.
Dickson Mfg. Co., Scranton, Pa.
Fish Bros. Wagon Co., Racine, Wis.

FF. OVERLAND WAGONS.
Abbott-Downing Co., Concord, N. H.
Fish Bros. Wagon Co., Racine, Wis.

GG. PIANO MOVING WAGONS.
Shipman, Bradt & Co., De Kalb, Ill.

HH. PLATFORM WAGONS.
American Clay Working Machinery Co., Bucyrus, O.
Baker Carriage Co., Des Moines, Iowa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

II. SKELETON WAGONS.
W. S. Frazier & Co., Aurora, Ill.
McMurray Sulky Co., Marion, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.

JJ. STREET SPRINKLING WAGONS.
Winship Mfg. Co., Racine, Wis.

KK. TRUCK WAGONS.
Bodley Wagon Co., Staunton, Va.
Ellis Omnibus & Cab Co., Cortland, N. Y.
Fish Bros. Wagon Co., Racine, Wis.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
S. D. Gedney, 317 W. 13th St., New York.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Philip Klopp & Son, 565 Race St., Cincinnati, O.
Mecklenburg Iron Works, Charlotte, N. C.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
National Wheel Co., Jackson, Mich.
Racine Wagon & Carriage Co., Racine, Wis.
Studebaker Bros. Mfg. Co., South Bend, Ind.
B. F. & H. L. Sweet, Fond-du-Lac, Wis.

LL. TRUCK WAGONS, SPRING.
Benicia Agricultural Works, Benicia, Cal.
Birdsall Mfg. Co., South Bend, Ind.
Coquillard Wagon Works, South Bend, Ind.
S. D. Gedney, 317 W. 13th St., New York.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Mitchell & Lewis Co., Ltd., Racine, Wis.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
Studebaker Bros. Mfg. Co., South Bend, Ind.
B. F. & H. L. Sweet, Fond-du-Lac, Wis.
Williams Bros., Ithaca, N. Y.
Winona Wagon Co., 1009 W. 5th St., Winona, Minn.

MM. TURPENTINE WAGONS.
Bodley Wagon Co., Staunton, Va.
Kentucky Wagon Mfg. Co., Louisville, Ky.
White Hickory Wagon Mfg. Co., Atlanta, Ga.

NN. UNDERTAKERS' WAGONS.
O. Armleder Co., 324 Longworth St., Cincinnati, O.
Geo. L. Brownell, New Bedford, Mass.
Crane & Breed Mfg. Co., Cincinnati, O.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
James Goold Co., Albany, N. Y.
Rock Falls Mfg. Co., Sterling, Ill.
M. S. Shipley, Cincinnati, O.

OO. WAGONS IN THE WHITE.
Selle Gear Co., Akron, O.

PP. WAREHOUSE WAGONS.
S. D. Gedney, 317 W. 13th St., New York.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

QQ. WATER & FUEL WAGONS.
Buffalo-Pitts Co., Buffalo, N. Y.
J. I. Case Threshing Machinery Co., Racine, Wis.
Frick Co., Waynesboro, Pa. *9
New Birdsall Co., Auburn, N. Y.
Orrville Machine Co., Orrville, O.
Westinghouse Co., Schenectady, N. Y.

3908. WAGON SEAT RISERS.
Pratt & Letchworth, Buffalo, N. Y.

3909. WAGON SIDES & GATES.
Hopkins & Co., 198 W. Broadway, New York.

3910. WAGONS, PASSENGER.

A. AMBULANCE WAGONS.	Abbott-Downing Co., Concord, N. H.
	Crane & Breed Mfg. Co., Cincinnati, O.
	Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
	Rock Falls Mfg. Co., Sterling, Ill.
	I. N. W. Sherman, 316 5th Av., Chicago, Ill.
B. AUSTRALIAN WAGONS.	Abbott-Downing Co., Concord, N. H.
C. BEACH WAGONS.	C. N. Dennett & Co., Amesbury, Mass.
	J. F. Goodrich & Co., New Haven, Conn.
	Mitchell & Lewis Co., Ltd., Racine, Wis.
	M. S. Shipley, Cincinnati, O.
D. CONCORD WAGONS.	Abbott-Downing Co., Concord, N. H.
	Buckeye Buggy Co., Columbus, O.
	Dunlap Vehicle Co., Pontiac, Mich.
	R. G. Ellis, Amesbury, Mass.
	J. F. Goodrich & Co., New Haven, Conn.
	Mitchell & Lewis Co., Ltd., Racine, Wis.
E. DEPOT WAGONS.	J. B. Brewster & Co., 1619 Broadway, New York.
	Buckeye Buggy Co., Columbus, O.
	C. N. Dennett & Co., Amesbury, Mass.
	J. F. Goodrich & Co., 684 Broadway, New York.
	Hassett & Hodge, Amesbury, Mass.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Mitchell & Lewis Co., Ltd., Racine, Wis.
	Racine Wagon & Carriage Co., Racine, Wis.
	I. N. W. Sherman, 316 5th Av., Chicago, Ill.
	Spaulding Mfg. Co., Grinnell, Iowa.
F. FLORIDA WAGONS.	Abbott-Downing Co., Concord, N. H.
G. MOUNTAIN WAGONS.	Abbott-Downing Co., Concord, N. H.
	Bodley Wagon Co., Staunton, Va.
	Burg Wagon Co., Burlington, Iowa.
	Fish Bros. Wagon Co., Racine, Wis.
	Mitchell & Lewis Co., Ltd., Racine, Wis.
	I. N. W. Sherman, 316 5th Av., Chicago, Ill.
	M. S. Shipley, Cincinnati, O.
H. PARK WAGONS.	L. Burg Carriage Co., Dallas City, Ill.
	W. P. Horner & Co., Danville, Va.
	Mitchell & Lewis Co., Ltd., Racine, Wis.
	M. S. Shipley, Cincinnati, O.
I. PATROL WAGONS.	Ellis Omnibus & Cab Co., Cortland, N. Y.
	Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
	I. N. W. Sherman, 316 5th Av., Chicago, Ill.
J. PLANTATION WAGONS.	Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
	Bodley Wagon Co., Staunton, Va.
	Fish Bros. Wagon Co., Racine, Wis.
	Mitchell & Lewis Co., Ltd., Racine, Wis.
K. PONY WAGONS.	H. H. Babcock Co., Watertown, N. Y.
	Bingham Harness Co., Rome, N. Y.
	Mitchell & Lewis Co., Ltd., Racine, Wis.
	Paris Mfg. Co., South Paris, Me.
L. ROAD WAGONS.	American Carriage Co., Kalamazoo, Mich.
	F. A. Ames Co., Owensboro, Ky.
	H. H. Babcock Co., Watertown, N. Y.
	S. R. Bailey & Co., Amesbury, Mass.
	Baker Carriage Co., Des Moines, Iowa.
	Benicia Agricultural Works, Benicia, Cal.
	J. B. Brewster & Co., 1619 Broadway, New York.
	Brown Carriage Co., 1602 Gest St., Cincinnati, O.
	L. Burg Carriage Co., Dallas City, Ill.
	Carlisle Mfg. Co., South Bend, Ind.
	Columbus Buggy Co., Columbus, O.
	Columbus Vehicle Co., Columbus, O.
	Tom Connolly, Dubuque, Iowa.
	Cortland Wagon Co., Cortland, N. Y.
	Dunlap Vehicle Co., Pontiac, Mich.
	Durant-Dort Carriage Co., Flint, Mich.
	Emerson & Fisher Co., John & Findley Sts., Cincinnati, O.
	Enterprise Carriage Mfg. Co., Miamisburg, O.
	E. S. Feltch & Co., Amesbury, Mass.
	Fish Bros. Wagon Co., Racine, Wis.
	Fisher Carriage Co., 904 Evans St., Cincinnati, O.
	Flint Wagon Works, Flint, Mich.
	W. S. Frazier & Co., Aurora, Ill.
	Fuller & Johnson Mfg. Co., Madison, Wis.
	Fuller Buggy Co., Jackson, Mich.
	J. F. Goodrich & Co., 684 Broadway, New York.

Kauffman Buggy Co., Miamisburg, O.
McFarlan Carriage Co., Connersville, Ind.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Overman Buggy Co., 10 E. 4th St., Cincinnati, O.
Owosso Carriage Co., Owosso, Mich.
Parry Mfg. Co., Indianapolis, Ind.
Piqua Wagon Co., Piqua, O.
Pontiac Buggy Co., Pontiac, Mich.
Pontiac Spring & Wagon Works, Pontiac, Mich.
R. D. Scott & Co., Pontiac, Mich.
M. S. Shipley, Cincinnati, O.
Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati, O.
R. M. Stivers, 150 E. 31st St., New York.
Troy Carriage Works, Troy, N. Y.
B. Veerkamp & Sons, 469 Walnut St., Cincinnati, O.
E. W. Walker & Stutz Co., Goshen, Ind.
Youngstown Carriage & Wagon Co., Youngstown, O.

M. SPEED WAGONS.

W. S. Frazier & Co., Aurora, Ill.
C. P. Kimball & Co., Michigan & Harmon Pl., Chicago, Ill.
McFarlan Carriage Co., Connersville, Ind.
Overman Buggy Co., 10 E. 4th St., Cincinnati, O.
R. M. Stivers, 150 E. 31st St., New York.

N. SPRING WAGONS.

H. H. Babcock Co., Watertown, N. Y.
Bain Wagon Co., Kenosha, Wis.
Benicia Agricultural Works, Benicia, Cal.
Biddle & Smart Co., Amesbury, Mass.
Bingham Harness Co., Rome, N. Y.
Birdsell Mfg. Co., South Bend, Ind.
Boston Buckboard & Carriage Co., New Haven, Conn.
Brown Carriage Co., 1602 Gest St., Cincinnati, O.
Geo. L. Brownell, New Bedford, Mass.
L. Burg Carriage Co., Dallas City, Ill.
Burg Wagon Co., Burlington, Iowa.
John A. Chockelt, South Bend, Ind.
Colfax Mfg. Co., South Bend, Ind.
Columbus Buggy Co., Columbus, O.
Columbus Vehicle Co., Columbus, O.
Cortland Wagon Co., Cortland, N. Y.
Coquillard Wagon Works, South Bend, Ind.
C. N. Dennett & Co., Amesbury, Mass.
Dunlap Vehicle Co., Pontiac, Mich.
Durant-Dort Carriage Co., Flint, Mich.
Elkhart Carriage & Harness Mfg. Co., Elkhart, Ind.
Emerson & Fisher Co., John & Findlay Sts., Cincinnati, O.
Geo. Enger & Co., Gest & Summer Sts., Cincinnati, O.
Enterprise Carriage Mfg. Co., Miamisburg, O.
Eureka Co., Rock Falls, Ill.
E. S. Feltch & Co., Amesbury, Mass.
Fish Bros. Wagon Co., Racine, Wis.
Flint Wagon Works, Flint, Mich.
Fuller Buggy Co., Jackson, Mich.
Gate City Carriage Co., Winona, Minn.
J. F. Goodrich & Co., 684 Broadway, New York.
Haydock Bros. Carriage Co., Papin, cor. 14th St., St. Louis, Mo.
T. T. Haydock Carriage Co., 12th & Plum Sts., Cincinnati, O.
Henney Buggy Co., Freeport, Ill.
Highland Buggy Co., Elmwood Place, O.
Kalamazoo Wagon Co., Kalamazoo, Mich.
Keator, Wells & Co., Cortland, N. Y.
Kentucky Wagon Mfg. Co., Louisville, Ky.
Keystone Wagon Co., Reading, Pa.
Lansing Wagon Works, Lansing, Mich.
Mansfield Buggy Co., Mansfield, O.
P. P. Mast & Co., 134 Willow St., Philadelphia, Pa.
McCardell, West & Co., Trenton, N. J.
McFarlan Carriage Co., Connersville, Ind.
McMurray Sulky Co., Marion, O.
Michigan Buggy Co., Kalamazoo, Mich.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Ltd., Racine, Wis.
Moline Wagon Co., Moline, Ill.
H. A. Moyer, Syracuse, N. Y.
National Wheel Co., Jackson, Mich.
Newton Wagon Co., Batavia, Ill.
North Western Mfg. Co., Fort Atkinson, Wis.
Overman Buggy Co., 10 E. 4th St., Cincinnati, O.

Owosso Carriage Co., Owosso, Mich.
Parry Mfg. Co., Indianapolis, Ind.
Piqua Wagon Co., Piqua, O.
Pontiac Buggy Co., Pontiac, Mich.
Pontiac Spring & Wagon Works, Pontiac, Mich.
Racine Wagon & Carriage Co., Racine, Wis.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Rumsey Mfg. Co., Detroit, Mich.
Peter Sames, Rockford, Ill.
San Jose Agricultural Works, San Jose, Cal.
D. F. Sargent & Son, Geneseo, Ill.
Schuttler & Hotz, 45 W. Monroe St., Chicago, Ill.
Scioto Buggy Co., Columbus, O.
R. D. Scott & Co., Pontiac, Mich.
D. M. Sechler Carriage Co., Moline, Ill.
Selle Gear Co., Akron, O.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
M. S. Shipley, Cincinnati, O.
T. & H. Smith & Co., Pekin, Ill.
Spaulding Mfg. Co., Grinnell, Iowa.
Stoughton Wagon Co., Stoughton, Wis.
Studebaker Bros. Mfg. Co., South Bend, Ind.
B. F. & H. L. Sweet, Fond-du-Lac, Wis.
Union Carriage & Gear Co., Watertown, N. Y.
O. C. Vaughan Mfg. Co., Jefferson, Wis.
B. Veerkamp & Sons, 469 Walnut St., Cincinnati, O.
Waterloo Wagon Co., Ltd., Waterloo, N. Y.
Watertown Spring Wagon Co., Watertown, N. Y.
Wayne Works, Richmond, Ind.
Weber Wagon Co., W. 81st & Wallace Sts., Chicago, Ill.
A. Wrenn & Son, Norfolk, Va.
Youngstown Carriage & Wagon Co., Youngstown, O.

O. WAGONETTES.

H. H. Babcock Co., Watertown, N. Y.
R. G. Ellis, Amesbury, Mass.
Ellis Omnibus & Cab Co., Cortland, N. Y.
E. S. Feltch & Co., Amesbury, Mass.
Fulton & Walker Co., 33 N. 20th St., Philadelphia, Pa.
J. F. Goodrich & Co., 684 Broadway, New York.
W. P. Horner & Co., Danville, Va.
C. P. Kimball & Co., Michigan & Harmon Pl., Chicago, Ill.
J. M. Quimby & Co., Newark, N. J.
I. N. W. Sherman, 316 5th Av., Chicago, Ill.
M. S. Shipley, Cincinnati, O.
Specialty Carriage Co., 2727 Spring Grove Av., Cincinnati, O.

3911. WASHERS, CARRIAGE.

A. AXLE WASHERS.

Chicago Rawhide Mfg. Co., 75 E. Ohio St., Chicago, Ill.
R. Hoffeld & Co., Buffalo, N. Y.
I. G. Marston & Co., 226 Ruggles St., Boston, Mass.
Metal Stamping Co., 386 W. Broadway, New York.
Vulcanized Fibre Co., Wilmington, Del.
Weaver Bardall Co., Moundsville, W. Va.

B. PROP BLOCK WASHERS.

Dash & Carriage Goods Co., 1012 Wade St., Cincinnati, O.
Higgins Mfg. Co., 5th St. & Washington Av., Newport, Va.
Monarch Carriage Goods Co., Spring Grove Av., Cinn., O.

3912. WHEEL PARTS.

A. FELLOES.

S. N. Brown & Co., Dayton, O.
W. T. Craft, Trenton, N. J.
Crane & MacMahon, 18 South St., New York.
Downey Bros., Lancaster, Pa.
J. A. Gleason & Bro., Van Wert, O.
Holt Bros. Mfg. Co., Concord, N. H.
New Haven Wheel Co., New Haven, Conn.
Toledo Carriage Woodwork Co., Toledo, O.
Van Wert Spoke & Bending Works, Van Wert, O.
Weaver Bending Co., Galion, O.
Wheel & Wood Bending Co., Bridgeport, Conn.
Zwick & Greenwald Wheel Co., Dayton, O.

B. HUB BLOCKS.

J. A. Gleason & Bro., Van Wert, O.
Ludlow Bros., Peapack, N. J.

C. HUBS & SPOKES.

S. N. Brown, Inc., Dayton, O.
E. A. & L. G. Catchpole, Geneva, N. Y.
Cato Wagon Hub Mfg. Co., Cato, N. Y.
Clark Mfg. Co., Cadott, Wis.
W. T. Craft, Trenton, N. J.
Fairbanks-Boston Rim Co., Bradford, Pa.
Fleming & Gordon, Harrington, Del.

Fulton, Conway & Co., Louisville, Ky.
J. A. Gleason & Bro., Van Wert, O.
Thos. Graham & Co., Madison, Ind.
Hagerstown Spoke & Bending Co., Hagerstown, Ind.
Holt Bros. Mfg. Co., Concord, N. H.
Hooper Bros. & Darlington, West Chester, Pa.
Howard Mfg. Co., Mount Holly, N. J.
Phineas Jones & Co., Newark, N. J.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lambertville Spoke Mfg. Co., Lambertville, N. J.
Look & Lincoln, Marion, Va.
Louisville Spoke Co., Louisville, Ky.
Ludlow Bros., Peapack, N. J.
New Haven Wheel Co., New Haven, Conn.
Niles & Scott Co., La Porte, Ind.
Ohio Wheel Co., Delphos, O.
Parry Mfg. Co., Indianapolis, Ind.
Phila. Coach Material Co., 126 N. 3d St., Philadelphia, Pa.
Rochester Wheel Co., Rochester, N. Y.
Seymour Mfg. Co., Seymour, Ind.
Edward Stinson & Co., Baltimore, Md.
Stockton Mfg. Co., Newark, N. J.
Toledo Carriage Wood Work Co., Toledo, O.
Turnbull Wagon Co., Defiance, O.
Van Wert Spoke & Bending Works, Van Wert, O.
Von Behren Mfg. Co., Evansville, Ind.
Weaver Bending Co., Galion, O.
I. A. Weston Co., Inc., Syracuse, N. Y.
Wheel & Wood Bending Co., Bridgeport, Conn.
Zwick & Greenwald Wheel Co., Dayton, O.

D. HUBS, BALL BEARING.
Chas. H. Sieg Mfg. Co., Kenosha, Wis.

E. RIMS.
Boston Wood Rim Co., 320 Broadway, New York.
W. T. Craft, Trenton, N. J.
Dunn Bros. & Co., New Haven, Conn.
Fairbanks-Boston Rim Co., Bradford, Pa.
Oscar S. Gillett, Indianapolis, Ind.
J. A. Gleason & Bros., Van Wert, O.
Hagerstown Spoke & Bending Co., Hagerstown, Ind.
Holt Bros. Mfg. Co., Concord, N. H.
Hooper Bros. & Darlington, West Chester, Pa.
Phineas Jones & Co., Newark, N. J.
Jacob A. Leippe's Sons, Reading, Pa.
New Haven Wheel Co., New Haven, Conn.
Niles & Scott Co., La Porte, Ind.
Parry Mfg. Co., Indianapolis, Ind.
J. H. Polsdorfer & Sons, Evansville, Ind.
Rochester Wheel Co., Rochester, N. Y.
Edward Stinson & Co., Baltimore, Md.
Toledo Carriage Woodwork Co., Toledo, O.
Turnbull Wagon Co., Defiance, O.
Van Wert Spoke & Bending Works, Van Wert, O.
West Falmouth Mfg. Co., West Falmouth, Me.

F. SPOKE SOCKETS.
Automatic Grip Neck Yoke Co., Indianapolis, Ind.

G. STEEL TIRES, CARRIAGE & WAGON.
Cleveland Hardware Co., Cleveland, O.
Overman Wheel Co., Chicopee Falls, Mass.
Union Carriage & Gear Co., Watertown, N. Y.

3913. WHEELS.

A. CARRIAGE WHEELS.
Abbot-Downing Co., Concord, N. H.
Batavia Carriage Wheel Co., Batavia, N. Y.
Columbus Buggy Co., Columbus, O.
W. T. Craft, Trenton, N. J.
Downey Bros., Lancaster, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Holt Mfg. Co., Stockton, Cal.
Hooper Bros. & Darlington, West Chester, Pa.
Phineas Jones & Co., Newark, N. J.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Meeker Mfg. Co., Dayton, O.
New Haven Wheel Co., New Haven, Conn.
Parry Mfg. Co., Indianapolis, Ind.
Rochester Wheel Co., Rochester, N. Y.
Shortsville Wheel Co., Shortsville, N. Y.
Edward Stinson & Co., Baltimore, Md.
J. A. Weston, Inc., Syracuse, N. Y.
Weston-Mott Co., 501 West St., New York.
Zwick & Greenwald Wheel Co., Dayton, O.

B. CARRIAGE WHEELS, PNEUMATIC TIRED.
S. R. Bailey & Co., Amesbury, Mass.
George P. Clark, Windsor Locks, Conn.
Lansing Wheelbarrow Co., Lansing, Mich.
Stockton Mfg. Co., Newark, N. J.
Weston-Mott Co., 501 West St., New York.

C. CHILDREN'S CARRIAGE WHEELS.
Royer Wheel Co., Cincinnati, O.
S. A. Smith & Co., Brattleboro, Vt.

D. IRON HUB WHEELS.
Archibald Wheel Co., Lawrence, Mass.
New Haven Wheel Co., New Haven, Conn.
Niles & Scott Co., La Porte, Ind.

E. SARVEN WHEELS.
W. T. Craft, Trenton, N. J.
Holt Bros. Mfg. Co., Concord, N. H.
Holt Mfg. Co., Stockton, Cal.
Hoopes Bro. & Darlington, West Chester, Pa.
Muncie Wheel Co., Muncie, Ind.
National Wheel Co., Jackson, Mich.
New Haven Wheel Co., New Haven, Conn.
Royer Wheel Co., Cincinnati, O.
Wheel & Wood Bending Co., Bridgeport, Conn.

F. WAGON WHEELS.
Allentown Platform Co., Allentown, Pa.
Batavia Carriage Wheel Co., Batavia, N. Y.
Bettendorf Metal Wheel Co., Davenport, Iowa.
S. N. Brown & Co., Inc., Dayton, O.
Eberly & Orris, Mechanicsburg, Pa.
Farmers' Handy Wagon Co., Saginaw, Mich.
Fish Bros. Wagon Co., Racine, Wis.
Holt Bros. Mfg. Co., Concord, N. H.
Holt Mfg. Co., Stockton, Cal.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lembertville Spoke Mfg. Co., Lambertville, N. J.
Leudinghaus-Espenschield Wagon Co., St. Louis, Mo.
New Haven Wheel Co., New Haven, Conn.
Niles & Scott Co., La Porte, Ind.
Olds Wagon Works, Fort Wayne, Ind.
Rochester Wheel Co., Rochester, N. Y.
Royer Wheel Co., Cincinnati, O.
Shortsville Wheel Co., Shortsville, N. Y.
Henry Stinson & Co., Baltimore, Md.
Wheel & Wood Bending Co., Bridgeport, Conn.
Zwick & Greenwald Wheel Co., Dayton, O.

G. WAGON WHEELS, METAL.
Arnold Metal Wheel Co., New London, O.
Bettendorf Metal Wheel Co., Davenport, Iowa.
Lansing Wheelbarrow Co., Lansing, Mich.

H. WOOD HUB WHEELS.
W. T. Craft, Trenton, N. J.
Holt Bros. Mfg. Co., Concord, N. H.
Holt Mfg. Co., Stockton, Cal.
Muncie Wheel Co., Muncie, Ind.
New Haven Wheel Co., New Haven, Conn.
A. E. Stevens & Co., Portland, Me.
Wheel & Wood Bending Co., Bridgeport, Conn.

3914. WHIFFLETREES.
E. B. Adams & Son, Racine, Wis.
Automatic Grip Neck Yoke Co., Indianapolis, Ind.
W. T. Craft, Trenton, N. J.
Morrison Mfg. Co., Fort Madison, Iowa.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Racine General Mfg. Co., Racine, Wis. *27
Winona Wood Rim Co., Winona, Minn.

A. SINGLETREES.
Automatic Grip Neck Yoke Co., Indianapolis, Ind.
S. N. Brown & Co., Dayton, O.
Cleveland Hardware Co., Cleveland, O.
J. A. Gleason & Bro., Van Wert, O.
Hartwell Bros., Vincennes, Ind.
Hartwell Mfg. Co., Huntingburg, Ind.
Kerr Bros. & Co., Hicksville, O.
Nixdorff-Krein Mfg. Co., St. Louis, Mo.
Racine General Mfg. Co., Racine, Wis. *27
Toledo Carriage Woodwork Co., Toledo, O.
Towers & Sullivan Mfg. Co., Rome, Ga.
Van Wert Spoke & Bending Works, Van Wert, O.
John J. Wright, Bremen, Ind.

B. DOUBLETREES.
Hartwell Bros., Vincennes, Ind.
Racine General Mfg. Co., Racine, Wis. *27
Racine Malleable & Wrought Iron Co., Racine, Wis.
Towers & Sullivan Mfg. Co., Rome, Ga.
Van Wert Spoke & Bending Works, Van Wert, O.

C. SPRING WHIFFLETREES.
Jeffrey Mfg. Co., Columbus, O.

D. STEEL WHIFFLETREES.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

E. WHIFFLETREE HOOKS.
Giblin & Co., Utica, N. Y.
Metal Stamping Co., 388 W. Broadway, New York.
Pratt & Letchworth, Buffalo, N. Y.

F. WHIFFLETREE IRONS.
C. Cowles & Co., Inc., New Haven, Conn.
Dash & Carriage Goods Co., Cincinnati, O.
English & Mersick Co., New Haven, Conn.
Pratt & Letchworth, Buffalo, N. Y.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

3915. WHIP SOCKETS.
C. Cowles & Co., Inc., New Haven, Conn.
Dash & Carriage Goods Co., Cincinnati, O.
W. & E. T. Fitch Co., New Haven, Conn.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Metal Stamping Co., 388 W. Broadway, New York.
Pratt & Letchworth, Buffalo, N. Y.
Racine Malleable & Wrought Iron Co., Racine, Wis.
E. W. Scott, Danielsonville, Conn.
Searles Mfg. Co., Newark, N. J.

3916. WOOD STOCK.

A. CARRIAGE WOOD STOCK.
Hall & Munson Co., Bay Mills, Mich. *4
O. S. Gillett, Indianapolis, Ind.
J. A. Gleason & Bro., Van Wert, O.
Robert Rowe's Sons, Brentwood, N. H.
Toledo Carriage Woodwork Co., Toledo, O.

B. WAGON WOOD STOCK.
Crane & MacMahon, 18 South St., New York.
Oscar S. Gillett, Indianapolis, Ind.
Hurlbut Co., Racine, Wis.
Kansas City & Southern Lumber Co., Kansas City, Mo.
F. Muhlhauser Co., Clinton, O.
Toledo Bending Co., Toledo, O.

C. WHEEL STOCK.
Coss & Stinebaugh, Lima, O.
Crane & MacMahon, 18 South St., New York.
Oscar S. Gillett, Indianapolis, Ind.
Holt Bros. Mfg. Co., Concord, N. H.

3917. WOODWORK.

A. BENT WOODWORK.
E. A. & L. G. Catchpole, Geneva, N. Y.
Dann Bros. & Co., New Haven, Conn.
Fairbanks-Boston Rim Co., Bradford, Pa.
Ohio Wheel Co., Delphos, O.
J. H. Polsdorfer & Sons, Evansville, Pa.
Portsmouth Veneer Works, Portsmouth, O.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Joseph Schwartz Co., Ltd., New Orleans, La.
H. G. Shepard & Sons, New Haven, Conn.
Snyder & Son Co., Piqua, O.
Toledo Bending Co., Toledo, O.
Toledo Carriage Woodwork Co., Toledo, O.
Van Wert Spoke & Bending Works, Van Wert, O.
Von Behren Mfg. Co., Evansville, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.
John J. Wright, Bremen, Ind.

B. CARRIAGE WOODWORK.
Biddle & Smart Co., Amesbury, Mass.
Cincinnati Panel Co., Cincinnati, O.
F. T. Clymer Co., Wilmington, Del.
Dann Bros. & Co., New Haven, Conn.
Oscar S. Gillett, Indianapolis, Ind.
Ruka Bros. Mfg. Co., Ltd., Boscobel, Wis.
Toledo Carriage Woodwork Co., Toledo, O.
Van Wert Spoke & Bending Works, Van Wert, O.
Wheel & Wood Bending Co., Bridgeport, Conn.

C. HEARSE WOODWORK.
F. T. Clymer Co., Wilmington, Del.

D. SLEIGH WOODWORK.
Dann Bros. & Co., New Haven, Conn.
Toledo Bending Co., Toledo, O.
Van Wert Spoke & Bending Works, Van Wert, O.
John J. Wright, Bremen, Ind.

E. WAGON WOODWORK.
Bradley-Ramsay Lumber Co., Lake Charles, La.
Dann Bros. & Co., New Haven, Conn.
Oscar S. Gillett, Indianapolis, Ind.
Hartwell Bros., Vincennes, Ind.
Leudinghaus-Espenschield Wagon Co., St. Louis, Mo.
Van Wert Spoke & Bending Works, Van Wert, O.
Winona Wood Rim Co., Winona, Minn.
John J. Wright, Bremen, Ind.

3918. YOKES.
Atwater Mfg. Co., Plantsville, Conn.
Oscar S. Gillett, Indianapolis, Ind.

M. Seward & Son Co., New Haven, Conn.
Upson Nut Co., Cleveland, O.
Walter W. Woodruff & Sons, Mount Carmel, Conn. *23

XLIII. WEARING APPAREL.

9. APRONS.
Cheney Mfg. Co., Portland, Me.
G. M. Hitchins & Co., Albany, N. Y.
J. H. Hollingsworth & Co., 596 Broadway, New York.
Kursheedt Mfg. Co., 358 W. Broadway, New York.
S. L. Munson, Albany, N. Y.
Rosenthal Bros. & Co., 46 Greene St., New York.
United Shirt & Collar Co., Troy, N. Y.

A. BUTCHERS' APRONS.
F. Carter Co., Beverly, Mass.
Overdier Mfg. Co., 297 5th Av., Chicago, Ill.

B. ICE APRONS.
B. F. Goodrich Co., Akron, Summit Co., O.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N.Y.
Hodgman Rubber Co., 593 Broadway, New York.
Stoughton Rubber Co., Boston, Mass.

C. LADIES' RUBBER APRONS.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

D. LINEN APRONS.
Samuel L. Munson, Albany, N. Y.
Rosenthal Bros. & Co., 46 Greene St., New York.
United Shirt & Collar Co., Troy, N. Y.

E. LUMBER MEN'S APRONS.
Berlin Glove & Mitten Co., Berlin, Wis.

F. MECHANICS' APRONS.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

G. RUBBER APRONS.
Boston Belting Co., 256 Devonshire St., Boston, Mass.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

H. TANNERS' APRONS.
F. Carter Co., Beverly, Mass.
B. F. Goodrich Co., Akron, Summit Co., O.

3920. ATHLETIC CLOTHING.
A. G. Spaulding & Bros., 132 Nassau St., New York.
Willard Mfg. Co., St. Albans, Vt.

3921. BATHING SUITS.
American Hosiery Co., New Britain, Conn.
A. G. Spaulding & Bros., Inc., 132 Nassau St., New York.

3922. BATH ROBES.
Alfred Benjamin & Co., 51 Lafayette Place, New York.
Macullar-Packer Co., Boston, Mass.
Wm. H. Richardson Co., Boston, Mass.
Rogers, Peet & Co., 569 Broadway, New York.
Star & Crescent Mills Co., Lehigh Av. & Hancock, Phila.,Pa

3923. BELT FASTENERS.
Cory & Reynolds, Providence, R. I.

3924. BELTS.

A. ATHLETES' BELTS.
Peck & Snyder, 132 Nassau St., New York.
A. G. Spaulding & Bros., Inc., 132 Nassau St., New York.

B. FIRE BELTS.
Anderson & Jones, 190 Grand St., New York.
Cairns & Bro., 143 Grand St., New York.
Vagen-Baden Co., Indianapolis, Ind.
Martin Weydig & Son, New Orleans, La.

C. LADIES' BELTS.
Bates Bros. Co., Athol, Mass.
Bunker Saddle Co., 208 Lake St., Chicago, Ill.
Chapman Mfg. Co., Meriden, Conn.
A. Hahn & Co., 296 Broadway, New York.
L. Livingston & Co., 537 Broadway, New York.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.
Maas, Blum & Co., 370 Broadway, New York.
John Mehl & Co., Inc., Jersey City, N. J.
Bernard Rice's Sons, 518 Broadway, New York.
Scheuer & Bro., 329 Canal St., New York.

D. LEATHER BELTS.
Brown Bros. & Co., Providence, R. I.
H. W. Heineman, San Francisco, Cal.
Wm. H. Horstmann Co., Cherry & N. 5th St., Phila., Pa.
Lehman & Raudwitz, Hoboken, N. J.
Maas, Blum & Co., 370 Broadway, New York.
John Mehl & Co., Inc., Jersey City, N. J.

	Peters Harness & Saddlery Co., Newark, N. J.
	Scheuer & Bro., 329 Canal St., New York.
E. MANILLA BELTS.	American Novelty Straw Works, 721 Arch St., Phila., Pa.
F. SWORD BELTS.	Ames Sword Co., Chicopee, Mass.
	Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
	Mesinger Bicycle Saddle Co., 1320 Av. A, New York.
	J. J. Warren Co., Worcester, Mass.
3925. BIBS.	Canfield Rubber Co., Bridgeport, Conn.
	G. Sidenberg & Co., 49 Mercer St., New York.
A. RUBBER BIBS.	Goodyear Rubber Co., 787 Broadway, New York.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Hodgman Rubber Co., 593 Broadway, New York.
3926. BLAZERS.	Alfred Benjamin & Co., 51 Lafayette Place, New York.
	Geo. P. Ide & Co., Troy, N. Y.
	Rogers, Peet & Co., 569 Broadway, New York.
3927. BLOUSES, FLANNEL.	Geo. P. Ide & Co., Troy, N. Y.
	Weil, Haskell & Co., 483 Broadway, New York.
	Weld, Colburn & Wilckens, 806 Broadway, New York.
A. WORKINGMEN'S BLOUSES.	Freeman Overall Co., Binghamton, N. Y.
3928. BUSTLES.	Akron Rubber Works, Akron, O.
	Armour Glue Works, 205 Lasalle St., Chicago, Ill.
	Benjamin Bros., Newark, N. J.
	Canfield Rubber Co., Bridgeport, Conn.
	Ferris Bros. Co., 341 Broadway, New York.
	Thomas P. Taylor, Bridgeport, Conn.
	Warner Bros. Co., 359 Broadway, New York.
	Warren-Featherbone Co., Three Oaks, Mich.
	Weston & Wells Mfg. Co., 1116 Noble St., Philadelphia, Pa.
3929. CAPES, CLOTH.	American Buffalo Robe Co., Buffalo, N. Y.
3930. CAPS.	
A. ATHLETES' CAPS.	Frank P. Heid & Co., N. 13th & Wood Sts., Phila., Pa.
	Montgomery, Ward & Co., 120 Michigan Av., Chicago, Ill.
	A. G. Spaulding & Bros., Inc., 132 Nassau St., New York.
B. BATHING CAPS.	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Hodgman Rubber Co., 593 Broadway, New York.
C. CAPE CAPS.	Goodyear Rubber Co., 787 Broadway, New York.
	Mechanical Rubber Co., 22 Murray St., New York.
D. CHILDREN'S CAPS.	Bowman & Wachtel, Cincinnati, O.
	J. H. Hollingsworth, 596 Broadway, New York.
	Lasky & Levy, 24 W. 4th St., New York.
E. CLOTH CAPS.	American Buffalo Robe Co., Buffalo, N. Y.
	Bowman & Wachtel, Cincinnati, O.
	Lasky & Levy, 24 W. 4th St., New York.
	Mohawk Valley Cap Factory, Utica, N. Y.
	S. Simonson, 197 Greene St., New York.
	Spear & Co., 596 Broadway, New York.
F. FIREMEN'S CAPS.	Anderson & Jones, 190 Grand St., New York.
	Cairns & Bro., 143 Grand St., New York.
G. FUR CAPS.	Aron & Spitzer, 23 W. 3d St., New York.
	Frederick Booss & Bro., 26 Mercer St., New York.
	Solomon Cohen, 140 Greene St., New York.
	Freundlich & Greenblatt, 28 Waverly Place, New York.
	C. G. Gunther's Sons, 184 5th Av., New York.
	Hansen's Empire Fur Factory, Milwaukee, Wis.
	Kessler Bros. & Schachter, 67 W. Houston St., New York.
	Lasky & Levy, 24 W. 4th St., New York.
	H. Lichtenstein & Sons, 51 W. 3d St., New York.
	Mischo & Mueller, 722 Broadway, New York.
H. GOLF CAPS.	F. C. Huych & Sons, Albany, N. Y.
I. HUNTING CAPS.	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Hodgman Rubber Co., 593 Broadway, New York.
	F. C. Huych & Sons, Albany, N. Y.
J. INFANTS' CAPS.	Herman Bornemann, Newark, N. J.
	Bowman & Wachtel, Cincinnati, O.
	S. C. Cahn & Co., 512 Broadway, New York.
	Frank P. Heid & Co., N. 13th & Wood Sts., Phila., Pa.
	L. Hertzig & Co., 113 Prince St., New York.
	J. H. Hollingsworth & Co., 596 Broadway, New York.
	Kursheedt Mfg. Co., 358 Broadway, New York.
	Rosenthal Bros. & Co., 46 Greene St., New York.
	Schapiro & Anderson, 56 Prince St., New York.
	Shoninger Bros. Mfg. Co., 270 5th Av., Chicago, Ill.
	Wightman & Co., 21 Waverly Pl., New York.
K. KNIT CAPS.	Cooper, Wells & Co., San Jose, Mich.
	Great Western Knitting Co., Milwaukee, Wis.
	Mohawk Valley Cap Factory, Utica, N. Y.

L. LADIES' CAPS.
S. L. Munson, Albany, N. Y.
Abraham Rosenblatt, 501 Market St., Philadelphia, Pa.
Rubin Bros. & Baron, 127 Bleecker St., New York.

M. RUBBER CAPS.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Mechanical Rubber Co., 22 Murray St., New York.
Tyer Rubber Co., Andover, Mass.

N. SCOTCH CAPS.
Hatheway & Reynolds, Oriskany Falls, N. Y.
Lynch Scotch Cap Co., Utica, N. Y.
Mohawk Valley Cap Factory, Utica, N. Y.
D. W. Northrup, Utica, N. Y.
Shoninger Bros. Mfg. Co., 270 5th Av., Chicago, Ill.
Van Dyke Knitting Co., Milwaukee, Wis.

O. SEALSKIN CAPS.
Rubin Bros. & Baron, 127 Bleecker St., New York.
C. C. Shayne & Co., 124 W. 42d St., New York.

P. TOBOGGAN CAPS.
Great Western Knitting Co., Milwaukee, Wis.

3931. CLOAKS & SUITS.
Joseph Beifield & Co., 253 Jackson Boulevard, Chicago, Ill.
Benjamin & Caspary, 502 Broadway, New York.
B. Bischof's Sons, Cincinnati, O.
Gustave Blum & Bro., 84 Greene St., New York.
Blumenthal Bros. & Co., 12 W. 3d St., New York.
Danzig & Co., 130 Greene St., New York.
Edelbrock, Lyon & Co., 256 Market St., Chicago, Ill.
Freedman Bros., 565 Broadway, New York.
A. Friedlander & Co., 3 Bond St., New York.
Louis Graner & Co., 66 E. 11th St., New York.
Griswold, Palmer & Co., 197 Adams St., Chicago, Ill.
L. Heilprin & Co., 248 Market St., Chicago, Ill.
Herman Cloak Co., 324 Canal St., New York.
G. M. Hitchins & Co., Albany, N. Y.
Jeffras Cloak Co., Cincinnati, O.
Thomas J. Johnston & Co., 715 Broadway, New York.
H. & I. Loeb, Cincinnati, O.
Mayfield Woolen Mills, Mayfield, Ky.
Meyer, Jonasson & Co., 358 Broadway, New York.
Oppenheim, Collins & Co., 33 W. Houston St., New York.
A. Popkin & Co., 459 Broadway, New York.
Randler & Cruikshank, Ogdensburg, N. Y.
Richman & Goldstein, 7 Washington Pl., New York.
Carl Rosenbaum & Co., 136 Greene St., New York.
H. Rosenbaum & Co., Cincinnati, O.
S. Rothschild & Bro., 670 Broadway, New York.
M. & L. F. Rothschild, 25 Waverly Pl., New York.
Philip Scheyer, 627 Broadway, New York.
Shoninger Bros. Mfg. Co., 270 5th Av., Chicago, Ill.
F. Siegel & Bro., 235 Franklin St., Chicago, Ill.
Springer Bros., Boston, Mass.
J. C. Stratton & Co., 7 Waverly Pl., New York.
Ullman Cloak & Suit Co., Baltimore, Md.
Williard Mfg. Co., St. Albans, Vt.

A. CHILDREN'S CLOAKS.
Alsberg & Moritz, 20 Waverly Pl., New York.
Balkind, Frank & Co., 35 Bond St., New York.
Bamberger Bros., 3 Waverly Pl., New York.
Joseph Beifeld & Co., 253 Jackson Boulevard, Chicago, Ill.
M. Berg & Co., 220 Greene St., New York.
Jacob Bernstein, 49½ Division St., New York.
Bernstein Bros., 199 Greene St., New York.
S. C. Cahn & Co., 512 Broadway, New York.
J. Cohn & Co., 101 Bleecker St., New York.
Myer Gans' Sons & Co., 151 Spring St., New York.
L. Heilprin & Co., 248 Market St., Chicago, Ill.
H. Rosenbaum & Co., Cincinnati, O.
Philip Scheyer, 627 Broadway, New York.
John Shillito & Co., Cincinnati, O.
F. Siegel & Bro., 235 Franklin St., Chicago, Ill.
J. C. Stratton & Co., 7 Waverly Pl., New York.

B. CHILDREN'S WASH SUITS.
Willard Mfg. Co., St. Albans, Vt.

C. INFANTS' CLOAKS.
Best & Co., 60 W. 23d St., New York.
Herman Bornemann, Newark, N. J.
Myer Gans' Sons & Co., 151 Spring St., New York.
L. Hertzig & Co., 113 Prince St., New York.
J. H. Hollingsworth & Co., 596 Broadway, New York.
Siegel, Goldberg & Co., 79 Mercer St., New York.
M. Silver & Co., 97 Bleecker St., New York.
Simon & Epstein, 149 E. Broadway, New York.
J. C. Stratton & Co., 7 Waverly Pl., New York.
Wightman & Co., 21 Waverly Pl., New York.

D. LADIES' CLOAKS.

Jos. Beifeld & Co., 253 Jackson Boulevard, Chicago, Ill.
Benjamin & Caspary, 502 Broadway, New York.
Blum Bros., 155 Market St., Philadelphia, Pa.
Blumenthal Bros & Co., 12 W. 3d St., New York.
Danzig & Co., 130 Greene St., New York.
Edelbrock, Lyons & Co., 256 Market St., Chicago, Ill.
Feingold & Lebowich, Boston, Mass.
Louis Graner & Co., 66 E. 11th St., New York.
L. Heilprin & Co., 248 Market St., Chicago, Ill.
Samuel D. Isaacson, 670 Broadway, Brooklyn, N. Y.
Loewenthal & Co., San Francisco, Cal.
Oppenheim, Collins & Co., 33 W. Houston St., New York.
A. Popkin & Co., 459 Broadway, New York.
Carl Rosenbaum & Co., 136 Greene St., New York.
H. Rosenbaum & Co., Cincinnati, O.
S. Rothschild & Bro., 670 Broadway, New York.
Philip Scheyer, 627 Broadway, New York.
John Shillito & Co., Cincinnati, O.
F. Siegel & Bro., 235 Franklin St., Chicago, Ill.
J. C. Stratton & Co., 7 Waverly Pl., New York.
H. Zimmerman & Co., 29 Eldridge St., New York.
A. Ziskind, 103 E. Broadway, New York.

E. MISSES' CLOAKS.

Jos. Beifeld & Co., 253 Jackson Boulevard, Chicago, Ill.
Danzig & Co., 130 Greene St., New York.
Edelbrock, Lyons & Co., 256 Market St., Chicago, Ill.
Myer Gans' Sons & Co., 151 Spring St., New York.
H. Gershel & Son, 21 W. 4th St., New York.
H. Heilprin & Co., 248 Market St., Chicago, Ill.
Herman Cloak Co., 324 Canal St., New York.
Samuel D. Isaacson, 670 Broadway, Brooklyn, N. Y.
H. Rosenbaum & Co., Cincinnati, O.
Philip Scheyer, 627 Broadway, New York.
John Shillito & Co., Cincinnati, O.
F. Siegel & Bros., 235 Franklin St., Chicago, Ill.
H. Zimmerman & Co., 29 Eldridge St., New York.

3932. CLOTHING.

David Adler & Sons Clothing Co.
Babcock & Shannon Co., Albany, N. Y.
M. Bacharach & Co., 533 Market St., Philadelphia, Pa.
Julius Banner & Sons, 64 Park Row, New York.
Barron Woolen Mills Co., Barron, Wis.
Edwin Bates & Co., 81 Spring St., New York.
Becker, Mayer & Co., 216 Vanburen St., Chicago, Ill.
Alfred Benjamin & Co., 51 Lafayette Pl., New York.
Best & Co., 60 W. 23d St., New York.
Bloom, Cohn & Co., Cincinnati, O.
Brock & Wiener, Buffalo, N. Y.
Browning, King & Co., 408 Broome St., New York.
Cahn, Wampold & Co., 204 Monroe St., Chicago, Ill.
J. Capps & Sons, Ltd., Jacksonville, Ill.
Cauffman Bros., Rochester, N. Y.
Detwiler & Scattergood, 436 Market St., Philadelphia, Pa.
Ederheimer, Stein & Co., Market & Jackson Sts., Chic., Ill.
A. Gans' Sons & Co., 45 N. 3d St., Philadelphia, Pa.
Geismar Bros. & Bissinger, Chattanooga, Tenn.
Goldman, Beckman & Co., Cincinnati, O.
F. Hahn & Son, Baltimore, Md.
Isaac Hart & Co., Cincinnati, O.
Hexter Bros., 434 Market St., Philadelphia, Pa.
Hull & Co., Poughkeepsie, N. Y.
Lewis Jacobs & Sons, 712 Broadway, New York.
Jacksonville Woolen Mills, Jacksonville, Ill.
Jacoby Bros., Los Angeles, Cal.
Chas. P. Kellogg Co., 233 Market St., Chicago, Ill.
Henry W. King & Co., Market & Adams Sts., Chicago, Ill.
Liveright, Greenwald & Son, 1013 Market St., Phila., Pa.
L. Loeb's Sons, Cincinnati, O.
Lyon & Sworoski, 41 North St., Boston, Mass.
Macullar-Parker Co., Boston, Mass.
Mayfield Woolen Mills, Mayfield, Ky.
Melrose Woolen Co., Auburn, N. Y.
John G. Miller & Co., 276 Franklin St., Chicago, Ill.
Jacob Miller's Sons & Co., 926 Market St., Philadelphia, Pa.
Nathan Bros., 702 Broadway, New York.
M. Newburger & Sons, 714 Market St., Philadelphia, Pa.
New Method Suit Co., 234 5th Av., Chicago, Ill.
Park Woolen Mills, Rossville, Ga.

Reinach, Ullmann & Co., 264 5th Av., Chicago, Ill.
Schmitz & Shroder, St. Charles & 6th Sts., St. Louis, Mo.
Seaman Bros & Co., 153 Market St., Chicago, Ill.
John Shillito Co., Cincinnati, O.
A. Shuman & Co., Boston, Mass.
Snyder, Harris, Bassett & Co., Inc., 525 Market St., Phila., Pa.
Somerville Woolen Mills, Somerville, N. J.
Stein, Block & Co., Rochester, N. Y.
Sweet, Orr & Co., 625 Broadway, New York.
John Wanamaker, Chestnut & S. 13th Sts., Philadelphia, Pa.
Weiss & Segal, 721 Broadway, New York.
Work Bros. & Co., 5th Av. & Jackson Boul., Chicago, Ill.

A. CHILDREN'S CLOTHING.
Browning, King & Co., 408 Broome St., New York.
Ederheimer, Stein & Co., Market & Jackson Sts., Chicago, Ill.
Herman Cloak Co., 324 Canal St., New York.
John G. Miller & Co., 276 Franklin St., Chicago, Ill.
E. Rothschild & Co., 218 Market St., Chicago, Ill.
John Shillito Co., Cincinnati, O.
Stein-Bloch Co., Rochester, N. Y.
A. L. Ullnick & Co., 716 Broadway, New York.
Vogel & Levy, 727 Broadway, New York.
Walcoff, Goodman & Co., 9 E. 4th St., New York.
R. W. Warner & Co., 112 Bleecker St., New York.
Waterman & Mittelman, New York.
M. Weinberg & Co., 628 Broadway, New York.
Weiss & Segal, 721 Broadway, New York.
Welcher Underwear Co., Rochester, N. Y.
Work Bros. & Co., 5th Av. & Jackson Boul., Chicago, Ill.
Young & Rutherford, 441 Broadway, New York.

B. DUCK CLOTHING.
Rankin Mfg. Co., Nashville, Tenn.

C. GOSSAMER CLOTHING.
Chicago Rubber Clothing Co., Racine, Wis.
Connecticut Rubber Co., Hartford, Conn.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Mechanical Rubber Co., 22 Murray St., New York.
Stoughton Rubber Co., Boston, Mass.
Trenton Rubber Mfg. Co., Trenton, N. J.

D. HUNTERS' CLOTHING.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.

E. JEAN CLOTHING.
Eclipse Mfg. Co., Nashville, Tenn.
Kaminer Pants Mfg. Co., St. Louis, Mo.
Van B. Nelson Clothing Co., Louisville, Ky.
O'Bryan Bros., Nashville, Tenn.
Rankin Mfg. Co., Nashville, Tenn.
M. Rosenstreter & Co., St. Louis, Mo.
Tapp, Leathers & Co., Inc., Louisville, Ky.
B. J. Wolf & Sons, New Orleans, La.

F. OILED CLOTHING.
J. F. Carter Co., Beverly, Mass.
H. M. Sawyer & Son, East Cambridge, Mass.
Standard Oiled Clothing Co., 52 Leonard St., New York.
A. J. Tower, 18 Simmons St., Boston, Mass.
A. R. Underdown, 202 Market St., Philadelphia, Pa.
Zittlosen Mfg. Co., St. Louis, Mo.

G. RUBBER CLOTHING.
American Rubber Co., 37 Bedford St., Boston, Mass.
Boston Gossamer Rubber Co., Boston, Mass.
Cable Rubber Co., 150 Franklin St., Boston, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
Clifton Mfg. Co., 65 Franklin St., Boston, Mass.
Connecticut Rubber Co., Hartford, Conn.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Home Rubber Co., Trenton, N. J.
La Crosse Rubber Mills Co., La Crosse, Wis.
Mechanical Rubber Co., 22 Murray St., New York.
Monarch Rubber Co., Campello, Mass.
National India Rubber Co., Bristol, R. I.
Plymouth Rubber Co., Stoughton, Mass.
M. F. Reese Supply Co., Setauket, N. Y.
Seamless Rubber Co., New Haven, Conn.
Standard Rubber Co., Brockton, Mass.
Standard Rubber Corporation, Boston, Mass.
Stoughton Rubber Co., Boston, Mass.

H. SPORTSMEN'S RUBBER CLOTHING.
Chicago Rubber Clothing Co., Racine, Wis.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

	Hodgman Rubber Co., 593 Broadway, New York.
	La Crosse Rubber Mills Co., La Crosse, Wis.
I. SUMMER CLOTHING.	S. Eisner, Red Bank, N. J.
	Willard Mfg. Co., St. Albans, Vt.
J. VULCANIZED RUBBER CLOTHING.	American Rubber Co., Boston, Mass.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Stoughton Rubber Co., Boston, Mass.
K. WORKINGMEN'S CLOTHING.	Freeman Overall Co., Binghamton, N. Y.
	M. W. Kahn & Co., Chillicothe, Ill.

3933. COATS.

A. BARTENDERS' & WAITERS' COATS.	Willard Mfg. Co., St. Albans, Vt.
B. COTTON COATS.	Fowle & Pearson, 65 Bedford St., Boston, Mass.
	V. Henry Rothschild & Co., 43 Leonard St., New York.
	Seaman Bros. & Co., 153 Market St., Chicago, Ill.
	Sweet, Orr & Co., 625 Broadway, New York.
	Willard Mfg. Co., St. Albans, Vt.
C. DRIVING COATS.	American Buffalo Robe Co., Buffalo, N. Y.
D. DUCK COATS.	Chas. Alshuler Mfg. Co., Racine, Wis.
	Freeman Overall Co., Binghamton, N. Y.
	Hoosier Mfg. Co., Fort Wayne, Ind.
	Michigan Clothing Co., Lonia, Mich.
	Park Woolen Mills, Rossville, Ga.
	Sweet, Orr & Co., 625 Broadway, New York.
E. FIREMEN'S COATS.	Goodyear Rubber Co., 787 Broadway, New York.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Hodgman Rubber Co., 593 Broadway, New York.
F. FUR COATS.	Asch & Jaeckel, 37 Union Square, New York.
	Frederick Booss & Bro., 449 Broadway, New York.
	J. Brzezinski, Minneapolis, Minn.
	Dyer, Rice & Co., Boston, Mass.
	Gem Hammock & Fly Net Co., Milwaukee, Wis.
	Gordon & Furguson, St. Paul, Minn.
	C. G. Gunther's Sons, 184 5th Av., New York.
	Albert Herzig, Sons & Co., 614 Broadway, New York.
	La Grange Robe & Tanning Co., La Grange, Ind.
	L. Loewus & Co., 36 W. 4th St., New York.
	McKibbin & Co., St. Paul, Minn.
	Moore, Smith & Co., Boston, Mass.
	Patterson & Stevenson, Minneapolis, Minn.
	Plymouth Clothing House, Inc., Minneapolis, Minn.
	Spaulding & Co., Boston, Mass.
	Straw & Ellsworth Mfg. Co., Milwaukee, Wis.
G. FUR COATS, MEN'S.	Hansen's Empire Fur Factory, Milwaukee, Wis.
H. LEATHER COATS.	H. S. Johnson, Lynn, Mass.
I. OILED COATS.	J. F. Carter Co., Beverly, Mass.
	H. M. Sawyer & Son, Cambridge, Mass.
	A. J. Tower, 18 Simmons St., Boston, Mass.
	Zittlosen Mfg. Co., 106 N. Broadway, St. Louis, Mo.
J. RUBBER COATS.	American Rubber Co., Boston, Mass.
	Cable Rubber Co., 150 Franklin St., Boston, Mass.
	E. H. Clapp Rubber Co., 7 Otis St., Boston, Mass.
	Goodyear Rubber Co., 787 Broadway, New York.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Hodgman Rubber Co., 593 Broadway, New York.
	La Crosse Rubber Mills Co., La Crosse, Wis.
K. WATERPROOF COATS.	Willard Mfg. Co., St. Albans, Vt.

3934. COLLARS & CUFFS.

A. CELLULOID COLLARS & CUFFS.	Celluloid Co., Newark, N. J.
B. LACE COLLARS & CUFFS.	Corliss, Coon & Co., Troy, N. Y.
	S. L. Munson, Albany, N. Y.
	United Shirt & Collar Co., Troy, N. Y.
C. LADIES' COLLARS & CUFFS.	American Shirt & Collar Co., Waterford, N. Y.
	Corliss, Coon & Co., Troy, N. Y.
	Cluett, Peabody & Co., Troy, N. Y.
	S. L. Munson, Albany, N. Y.
	G. Sidenberg & Co., 49 Mercer St., New York.
	Tim & Co., Troy, N. Y.
	United Shirt & Collar Co., Troy, N. Y.
	Wilbur Shirt & Collar Co., Troy, N. Y.
D. LINEN COLLARS & CUFFS.	American Shirt & Collar Co., Waterford, N. Y.
	William Barker, Troy, N. Y.
	Joseph Bowman & Sons, Troy, N. Y.
	Cluett, Peabody & Co., Troy, N. Y.
	Corliss, Coon & Co., Troy, N. Y.

H. C. Curtis & Co., Troy, N. Y.
Earl & Wilson, 33 E. 17th St., New York.
Fellows & Co., Troy, N. Y.
Holmes & Ide, Troy, N. Y.
Keep Mfg. Co., 809 Broadway, New York.
Miller-Hale Shirt & Collar Co., Troy, N. Y.
S. L. Munson, Albany, N. Y.
C. A. Ormsby, Malone, N. Y.
Reversible Collar Co., Boston, Mass.
Rosenthal Bros. & Co., 46 Greene St., New York.
A. S. Rugge, Glens Falls, N. Y.
Tim & Co., Troy, N. Y.
United Shirt & Collar Co., Troy, N. Y.
Weil, Haskell & Co., 483 Broadway, New York.
Wilbur Shirt & Collar Co., Troy, N. Y.

E. PAPER COLLARS & CUFFS. Reversible Collar Co., Boston, Mass.
United Mfg. Co., 638 Broadway. New York.
Ward Mfg. Co., 52 Howard St., New York.

F. WHITE COMPOSITION COLLARS & CUFFS. Arlington Collar & Cuff Co., 475 Broadway, New York.
Windsor Collar & Cuff Co., Windsor, Conn.

G. WHITE RUBBER COLLARS & CUFFS. Thread City Collar Co., Willimantic, Conn.

3935. CORSET COVERS. Welcher Underwear Co., Rochester, N. Y.

3936. CORSETS. Bay State Corset Co., Springfield, Mass.
Joseph Beckel & Co., 438 Broadway, New York.
Jas. Bowers & Co., Newark, N. J.
Bridgeport Corset Co., Bridgeport, Conn.
Chicago Corset Co., 402 Broadway, New York.
M. Cohn & Co., 214 W. 26th St., New York.
Coronet Corset Co., Jackson, Mich.
Ferris Bros. Co., Newark, N. J.
Heilner & Hertzog, Newark, N. J.
T. W. Jackson & Co., Newark, N. J.
Jackson Corset Co., Jackson, Mich.
Langdon, Batcheller & Co., Bridgeport, Conn.
Wm. Littauer & Co., 388 2d Av., New York.
I. Newman & Sons, New Haven, Conn.
Philadelphia Corset Co., 70 N. 4th St., Philadelphia, Pa.
R. & G. Corset Co., 361 Broadway, New York.
Schilling Corset Co., Detroit, Mich.
Strouse, Adler & Co., 412 Broadway, New York.
Warner Bros. Co., 350 Broadway, New York.
Williamson Corset & Brace Co., St. Louis, Mo.
Worcester Corset Co., Worcester, Mass.

A. ABDOMINAL CORSETS. Bridgeport Corset Co., Bridgeport, Conn.
Ferris Bros. Co., 341 Broadway, New York.
Langdon, Batcheller & Co., 345 Broadway, New York.
Schilling Corset Co., Detroit, Mich.
Strouse, Adler & Co., 412 Broadway, New York.
Warner Bros. Co., 359 Broadway, New York.
Worcester Corset Co., Worcester, Mass.

B. ELECTRIC CORSETS. Geo. A. Scott, 842 Broadway, New York.

C. NURSING CORSETS. Bridgeport Corset Co., Bridgeport, Conn.
Ferris Bros. Co., 341 Broadway New York.
Langdon, Batcheller & Co., 345 Broadway, New York.
Schilling Corset Co., Detroit, Mich.
Strouse, Adler & Co., 412 Broadway, New York.
Warner Bros. Co., 359 Broadway, New York.
Worcester Corset Co., Worcester, Mass.

3937. COSTUMES. Jose Alabau, New Orleans, La.
Wm. Beck & Sons, Cincinnati, O.
Curtis & Weld, 10 Hayward St., Boston, Mass.
W. Dazian, 26 Union Sq., E., New York.
A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.

3938. COTTON TROUSERS. Alfred Benjamin & Co., 51 Lafayette Pl., New York.
Fowle & Pearson, 65 Bedford St., Boston, Mass.
Hoosier Mfg. Co., Fort Wayne, Ind.
V. Henry Rothschild & Co., 43 Leonard St., New York.

A. DUCK TROUSERS. Alfred Benjamin & Co., 51 Lafayette Pl., New York.
Hoosier Mfg. Co., Fort Wayne, Ind.
Park Woolen Mills, Rossville, Ga.
Willard Mfg. Co., St. Albans, Vt.

B. KERSEY TROUSERS. Hoosier Mfg. Co., Fort Wayne, Ind.

C. SATINET TROUSERS. Hoosier Mfg. Co., Fort Wayne, Ind.

3939. CUFF HOLDERS. Frank & Gutmann, 272 W. Broadway, New York.
Geo. Frost & Co., Boston, Mass.

Thomas W. Lind, Providence, R. I.
New England Novelty Mfg. Co., Boston, Mass.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

3940. DRESSES.

B. Altman & Co., 301 6th Av., New York.
Best & Co., 60 W. 23d St., New York.
Cheney Mfg. Co., Portland, Me.
Crippen, Reid & Coon, Saratoga Springs, N. Y.
Forbes & Wallace, Springfield, Mass.
J. H. Hollingsworth & Co., 596 Broadway, New York.
Jordan, Marsh & Co., Boston, Mass.
R. H. Macy & Co., 200 6th Av., New York.
John Shillito & Co., Cincinnati, O.
Stern Bros., 32 W. 23d St., New York.
J. C. Stratton & Co., 112 Greene St., New York.
John Wanamaker, Chestnut & S. 13th Sts., Phila., Pa.
R. H. White Co., 518 Washington St., Boston, Mass.
Whitehead & Asiel, 133 Wooster St., New York.
Wightman & Co., 21 Waverly Pl., New York.

A. INFANTS' DRESSES.

Best & Co., 60 W. 23d St., New York.
Herman Bornemann, 78 Shipman St., Newark, N. J.
Myer Gans' Sons & Co., 151 Spring St., New York.
J. H. Hollingsworth & Co., 596 Broadway, New York.
John Shillito & Co., Cincinnati, O.
J. C. Stratton & Co., 7 Waverly Pl., New York.
Welcher Underwear Co., Rochester, N. Y.
Whitehead & Asiel, 133 Wooster St., New York.
Wightman & Co., 21 Waverly Pl., New York.

3941. DRESSING GOWNS.

Alfred Benjamin & Co., 51 Lafayette Pl., New York.
Brokaw Mfg. Co., Newburg, N. Y.
Rogers, Peet & Co., 569 Broadway, New York.

3942. DRESS PADS.

Ferris Bros. Co., 341 Broadway, New York.
Warner Bros. Co., 359 Broadway, New York.

3943. DRESS SHIELDS.

Canfield Rubber Co., Bridgeport, Conn.
Frank & Gutmann, 156 W. Broadway, New York.
B. F. Goodrich & Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co. 593 Broadway, New York.
I. B. Kleinert Rubber Co., 727 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
Parker, Stearns & Sutton, 228 South St., New York.
S. Rauh & Co., 310 6th Av., New York.
Rindskopf Bros., 397 Sumner Av., Brooklyn, N. Y.
Thos. P. Taylor, Bridgeport, Conn.
Warner Bros. Co., 359 Broadway, New York.

A. BREAST SHIELDS.

Davol Rubber Co., Providence, R. I.
Mattson Rubber Co., 11 Broadway, New York.

3944. DRESS STAYS.

Robert N. Barrett Co., 377 Broadway, New York.
F. T. Blum & Co., 515 Broadway, New York.
James Bowers & Co., Newark, N. J.
Chicago Corset Co., 402 Broadway, New York.
Thomas P. Taylor, Bridgeport, Conn.
Warner Bros. Co., 359 Broadway, New York.
Warren Featherbone Co., Three Oaks, Mich.

3945. DRESS WAISTS.

Geo. Frost Co., Boston, Mass.
G. M. Hitchins & Co., Albany, N. Y.

3946. DUSTERS.

Hoosier Mfg. Co., Fort Wayne, Ind.
Star & Crescent Mills Co., Lehigh Av., c. N. Hancock, Phila., Pa.
Willard Mfg. Co., St. Albans, Vt.

3947. EMBROIDERED FLANNELS.

Cylindrograph Embroidery Co., Bridgeport, Conn.
Kursheedt Mfg. Co., 358 W. Broadway, New York.
Myer Gans' Sons Co., 151 Spring St., New York.

3948. EQUIPMENTS.

A. BAND EQUIPMENTS.

Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Chas. H. Koster, 5 Park Pl., New York.
Pettibone Bros. Mfg. Co., Cincinnati, O.

B. FIRE DEPARTMENT EQUIPMENTS.

Anderson & Jones, 190 Grand St., New York.
J. H. Clay, 1320 Ridge Av., Philadelphia, Pa.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

C. MILITARY EQUIPMENTS.

Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
M. C. Lilley & Co., Columbus, O.
Peters Harness & Saddlery Co., 11 Greene St., Newark, N. J.
Pettibone Bros. Mfg. Co., Cincinnati, O.
Wm. H. Wiley & Son, Hartford, Conn.

D. MILITARY LEATHER GOODS.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Augustus Thomas & Co., 225 Market St., Philadelphia, Pa.

E. POLICE EQUIPMENTS.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Augustus Thomas & Co., 225 Market St., Philadelphia, Pa.

F. RAILROAD UNIFORM EQUIPMENTS.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

3949. FANCY KNIT GOODS. L. Hertzig & Co., 113 Prince St., New York.

3950. FISHING STOCKINGS.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.

3951. FUR GOODS.
E. Albrecht & Sons, St. Paul, Minn.
Asch & Jaeckel, 37 Union Sq., New York.
S. Bloom & Co., 105 Bleecker St., New York.
Frederick Booss & Bro., 26 Mercer St., New York.
H. Broughton & Co., Troy, N. Y.
M. Cohen & Bros., 37 E. 12th St., New York.
Cotrell & Leonard, Albany, N. Y.
M. Freytag, 158 5th Av., New York.
Georger & Son, Buffalo, N. Y.
Samuel Glass, 221 State St., Chicago, Ill.
C. G. Gunther's Sons, 184 5th Av., New York.
Hansen's Empire Fur Factory, Milwaukee, Wis.
Wm. Jackman & Sons, Cleveland, O.
Jonas & Naumburg, 7 Washington Pl., New York.
Henry Kraus, 59 Bleecker St., New York.
La Grange Robe & Tanning Co., La Grange, Ind.
Loeb, Lipper & Co., 317 N. Darien St., Phila., Pa.
L. Loewus & Co., 24 W. 4th St., New York.
A. Reinemann, 160 Mercer St., New York.
John Ruszits Fur Co., 77 Mercer St., New York.
C. C. Shayne & Co., 124 W. 42d St., New York.
M. J. Sternberg Hat & Fur Co., St. Louis, Mo.
Jos. Ullmann, 165 Mercer St., New York.
Leopold Weil & Bros., 83 Mercer St., New York.

3952. GLOVES.
Berlin Glove and Mitten Co., Berlin, Wis.
Buffalo Glove & Whip Mfg.
Enterprise Knitting Mills, Toledo, O.
Daniel Hays & Co., Gloversville, N. Y.
Hitchcock & Curtiss Knitting Co., Hartford, Conn.
Kalamazoo Knitting Co., Milwaukee, Wis.

A. BUCKSKIN GLOVES.
John C. Allen, Gloversville, N. Y.
James H. Burr, Gloversville, N. Y.
P. H. Conroy & Co., Northville, N. Y.
Daniel Hays & Co., Gloversville, N. Y.
H. M. Heineman, San Francisco, Cal.
Ida A. Leonard, Gloversville, N. Y.
Littauer Bros., 520 Broadway, New York.
J. M. Lyons, Northville, N. Y.
Mason, Campbell & Co., Johnstown, N. Y.
J. P. Miller & Co., Johnstown, N. Y.
Wilson & Heath, Northville, N. Y.

B. CASHMERE GLOVES.
Clark Fabric Co., Sidney, N. Y.

C. CASTOR GLOVES.
P. H. Conroy & Co., Northville, N. Y.
Daniel Hays & Co., Gloversville, N. Y.
Littauer Bros., 520 Broadway, New York.
Louis Meyers & Son, Gloversville, N. Y.
Northrup Glove Mfg. Co., Johnstown, N. Y.
Wilson & Heath, Northville, N. Y.

D. CHAMOIS GLOVES.
Daniel Hays & Co., Gloversville, N. Y.
Littauer Bros., 520 Broadway, New York.
Temple Glove Mfg. Co., Jamaica Plains, Mass.

E. CORN HUSKING GLOVES.
Blair Husking Glove Co., Bucyrus, O.

F. DOESKIN GLOVES.
Daniel Hays & Co., Gloversville, N. Y.
Littauer Bros., 520 Broadway, New York.
Mason, Campbell & Co., Johnstown, N. Y.
Louis Meyers & Son, Gloversville, N. Y.
Northrup Glove Mfg. Co., Johnstown, N. Y.
Frank Pauley & Son, Gloversville, N. Y.

G. DRIVING GLOVES.
American Buffalo Robe Co., Buffalo, N. Y.
J. P. Miller & Co., Johnstown, N. Y.
Raymond & Williams, Napa, Cal.

H. ELASTIC GLOVES.
Hub Gore Makers, 91 Bedford St., Boston, Mass.

I. FUR GLOVES.
Frederick Booss & Co., 26 Mercer St., New York.
Gordon & Ferguson, St. Paul, Minn.
C. G. Gunther's Sons, 184 5th Av., New York.
Hansen's Empire Fur Factory, Milwaukee, Wis.

J. GAUNTLETS.	Richard Evans & Sons, Johnstown, N. Y.
	Hutchens & Potter, Johnstown, N. Y.
	Littauer Bros., 520 Broadway, New York.
	Mason, Campbell & Co., Johnstown, N. Y.
	Louis Meyers & Son, Gloversville, N. Y.
K. HORSE HIDE GLOVES.	Brockton Mitten & Glove Co., Brockton, Mass.
L. KID GLOVES.	John C. Allen, Gloversville, N. Y.
	Fisk, Clark & Flagg, 5 Washington Place, New York.
	Daniel Hays & Co., Gloversville, N. Y.
	Littauer Bros., 520 Broadway, New York.
	Mason, Campbell & Co., Johnstown, N. Y.
	Louis Meyers & Son, Gloversville, N. Y.
	J. P. Miller & Co., Johnstown, N. Y.
	Northrup Glove Mfg. Co., Johnstown, N. Y.
	Perrin Freres & Co., 484 Broome St., New York.
	Charles W. Phillips, Gloversville, N. Y.
	Charles Tannert Co., 432 Broome St., New York.
M. LEATHER GLOVES.	P. P. Argersinger & Co., Johnstown, N. Y.
	John H. Decker, Son & Co., Johnstown, N. Y.
	Richard Evans & Sons, Johnstown, N. Y.
	Ireland Bros., Johnstown, N. Y.
	Littauer Bros., 520 Broadway, New York.
	Jacob P. Miller & Co., Johnstown, N. Y.
N. LINED GLOVES.	Brockton Mitten & Glove Co., Brockton, Mass.
O. MOCHA GLOVES.	Daniel Hays & Co., Gloversville, N. Y.
	Littauer Bros., 520 Broadway, New York.
	Mason, Campbell & Co., Johnstown, N. Y.
	Charles W. Phillips, Gloversville, N. Y.
	Temple Glove Mfg. Co., Jamaica Plains, Mass.
P. RUBBER GLOVES.	Davidson Rubber Co., 19 Milk St., Boston, Mass.
	B. F. Goodrich Co., Akron, O.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
	Goodyear Rubber Co., 787 Broadway, New York.
	Mattson Rubber Co., 11 Broadway, New York.
	Miller Rubber Mfg. Co., Akron, O.
	Seamless Rubber Co., New Haven, Conn.
	Tyer Rubber Co., Andover, Mass.
Q. SCOTCH WOOL GLOVES.	E. B. Sudbury & Co., 343 Broadway, New York.
R. SHEEP SKIN GLOVES.	Brockton Mitten & Glove Co., Brockton, Mass.
S. SILK GLOVES.	Clark Fabric Co., Sidney, N. Y.
	Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
	J. H. Lowenstine, 75 Greene St., New York.
	Nonotuck Silk Co., Florence, Mass.
	Starin Silk Fabric Co., Fultonville, N. Y.
	E. B. Sudbury & Co., 343 Broadway, New York.
T. STEEL PROTECTED GLOVES.	Steel Glove Mfg. Co., 2528 Quarry St., Chicago, Ill.
U. SWEDE GLOVES.	Daniel Hays, Gloversville, N. Y.
	Littauer Bros., 520 Broadway, New York.
V. WOOLEN GLOVES.	Why Bros. & Co., 5130 Wakefield St., Germantown, Phila., Pa.
3953. GYMNASIUM GOODS.	Dr. F. C. Jones, New York.
	Peck & Snyder, 132 Nassau St., New York.
	A. G. Spaulding & Bros., Inc., 132 Nassau St., New York.
	Wright & Ditson, Inc., Boston, Mass.
3954. HANDKERCHIEFS.	
A. BANDANNAS.	Herrmann, Aukam & Co., 31 Thomas St., New York.
B. COTTON HANDKERCHIEFS.	Herrmann, Aukam & Co., 31 Thomas St., New York.
	S. M. Schwab, Jr., & Co., 288 Church St., New York.
	Social Mfg. Co., Woonsocket, R. I.
C. CRÊPE HANDKERCHIEFS.	Cheney Bros., Inc., South Manchester, Conn.
	Dexter, Lambert & Co., Paterson, N. J.
	Hamil & Booth Co., Paterson, N. J.
D. SILK HANDKERCHIEFS.	Anderson Bros., Paterson, N. J.
	Ashley & Bailey, Paterson, N. J.
	Cheney Bros., Inc., South Manchester, Conn.
	Dexter, Lambert & Co., Paterson, N. J.
	Doherty & Wadsworth, Paterson, N. J.
	Holmes Silk Co., Paterson, N. J.
	Phoenix Mfg. Co., Paterson, N. J.
	John N. Stearns & Co., 68 Greene St., New York.
	Taylor Silk Mfg. Co., Paterson, N. J.
3955. HATS.	
A. BATHING HATS.	S. Rauh & Co., 310 6th Av., New York.
B. CASSIMERE HATS.	Alexander R. Brower, 68 Greene St., New York.
	Dunlap & Co., 180 5th Av., New York.
	J. Rummell Co., Newark, N. J.

C. CHILDREN'S HATS.
J. H. Hollingsworth & Co., 596 Broadway, New York.
Lasky & Levy, 24 W. 4th St., New York.
Maynard & Co., 716 Broadway, New York.
Max Mindheim, 67 Prince St., New York.
Pocasset Flat Co., Fall River, Mass.

D. CHILDREN'S STRAW HATS.
Comey & Co., Mansfield, Mass.
Estate of R. M. Reynolds, Monson, Mass.
Hirsh & Park, Midway, Mass.
Levering & Smith, Baltimore, Md.
Maynard & Co., 716 Broadway, New York.
G. P. Muller & Co., 133 N. 7th St., Philadelphia, Pa.
H. F. Sawyer & Co., 706 Broadway, New York.
Townsend, Grace & Co., Baltimore, Md.

E. CLOTH HATS.
Bowman & Wacklet, Cincinnati, O.
L. Corn & Co., 3 Union Square, New York.
Laskey & Levy, 24 W. 4th St., New York.
Mohawk Valley Cap Factory, Utica, N. Y.
S. Simonson, 197 Greene St., New York.
Spear & Co., 596 Broadway, New York.

F. DERBY HATS.
E. V. Connett & Co., 25 Waverly Place, New York.
Dunlap & Co., 180 5th Av., New York.
E. M. Knox, 212 Broadway, New York.
E. A. Mallory & Son, Danbury, Conn.
Maynard & Co., 716 Broadway, New York.
Meyer Mercy, Newark, N. J.
W. B. Thom & Co., Haverhill, Mass.
J. B. Stetson & Co., 1748 N. 4th St., Philadelphia, Pa.
Waring Hat Mfg. Co., Yonkers, N. Y.

G. FANCY HATS.
Oscar E. A. Wiessner, 131 Bleecker St., New York.

H. FELT HATS.
F. Berg & Co., Orange Valley, N. J.
Brennan & Carr, Orange, N. J.
Cummings, Matthews & Co., Orange Valley, N. J.
Dunlap & Co., 180 5th Av., New York.
Eagle Hat Factory, Yonkers, N. Y.
Guyer Hat Co., Boston, Mass.
E. M. Knox, 212 Broadway, New York.
E. A. Mallory & Sons, Danbury, Conn.
Maynard & Co., 716 Broadway, New York.
McGall Hat Co., Orange Valley, N. J.
Meyer Mercy, Newark, N. J.
No Name Hat Mfg. Co., Orange Valley, N. J.
Pocasset Hat Co., Fall River, Mass.
Henry H. Roelofs & Co., Brown & 12th Sts., Phila., Pa.
J. Rummell Co., Dawson St., Newark, N. J.
J. B. Stetson & Co., 1748 N. 4th St., Philadelphia, Pa.

I. FIRE HATS.
Anderson & Jones, 190 Grand St., New York.
Cairns & Bro., 143 Grand St., New York.
Martin Weydig & Son, New Orleans, La.

J. FUR HATS.
G. W. Alexander & Co., Reading, Pa.
Ayer, Houston & Co., Portland, Me.
Baird, Untied & Penfield Co., Bethel, Conn.
Bayley Hat Co., Newburyport, Mass.
Beltaire, Lurch & Co., Danbury, Conn.
Brigham, Hopkins Co., Baltimore, Md.
E. V. Connett & Co., 25 Waverly Pl., New York.
Crofut-Knapp Co., South Norwalk, Conn.
Cummings, Matthews & Co., Orange Valley, N. J.
Ferry & Napier, 21 W. 4th St., New York.
E. E. Francis & Co., 16 Waverly Pl., New York.
G. S. Guyer & Co., Boston, Mass.
Clarence M. Hedden & Co., Newark, N. J.
Geo. Hendel & Sons, Reading, Pa.
Jarvis-Kearcher Hat Mfg. Co., Newark, N. J.
Judd & Co., Bethel, Conn.
Judd & Dunning Hat Co., Bethel, Conn.
D. E. Loewe & Co., Danbury, Conn.
E. A. Mallory & Sons, Danbury, Conn.
Maynard & Co., 716 Broadway, New York.
Meeker Bros. & Co., Danbury, Conn.
Meyer Mercy, Newark, N. J.
Merrimac Hat Co., Amesbury, Mass.
C. H. Merritt & Son, Danbury, Conn.
T. C. Millard & Co., Danbury, Conn.
John R. Miller & Co., Reading, Pa.
Peekskill Hat Mfg. Co., Peekskill, N. Y.
Henry H. Roelofs & Co., Brown & 12th Sts., Phila., Pa.

Frank Schoble & Co., 904 Oxford St., Philadelphia, Pa.
Edwin Short, Bethel, Conn.
J. B. Stetson & Co., 1748 N. 4th St., Philadelphia, Pa.
W. B. Thorn & Co., Haverhill, Mass.
Tweedy & Co., Danbury, Conn.
The Volk Hat Co., South Norwalk, Conn.
Waring Hat Mfg. Co., Yonkers, N. Y.
O. B. Wetherhold & Co., Reading, Pa.
David Wilcox & Co., Boston, Mass.
John C. Wilcox & Co., South Norwalk, Conn.

K. HELMETS.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
E. M. Knox, 212 Broadway, New York.
Meyer Mercy, Newark, N. J.
J. Rummell Co., Newark, N. J.

L. LADIES' HATS.
Alexander R. Brower, 68 Greene St., New York.
Caton Bros., Bixby & Co., Foxboro, Mass.
Comey & Co., Mansfield, Mass.
Dunlap & Co., 180 5th Av., New York.
Max Mindheim, 67 Prince St., New York.

M. LADIES' RIDING HATS.
Alexander R. Brower, 68 Greene St., New York.
Dunlap & Co., 180 5th Av., New York.
E. M. Knox, 212 Broadway, New York.

N. LADIES' STRAW HATS.
American Novelty Works, 721 Arch St., Philadelphia, Pa.
Edwin P. Bassett & Sons, Franklin, Mass.
Caton Bros., Bixby & Co., Foxboro, Mass.
Comey & Co., Mansfield, Mass.
Estate of R. M. Reynolds, Monson, Mass.
Gotthold & Co., 561 Broadway, New York.
Hirsh & Park, Medway, Mass.
Wm. Knowlton & Sons, 564 Broadway, New York.
Levering & Smith, Baltimore, Md.
Maynard & Co., 716 Broadway, New York.
M. S. Mork & Co., 15 Waverly Pl., New York.
G. P. Muller & Co., 133 N. 7th St., Philadelphia, Pa.
Thomas E. Potter & Son. Indianapolis, Ind.
Joseph Potter & Son, 529 Arch St., Philadelphia, Pa.
H. F. Sawyer Co., 706 Broadway, New York.
Thom & Bayley, 16 Washington Pl., New York.
Townsend, Grace & Co., Baltimore, Md.
Vanderhoef & Co., 43 W. 4th St., New York.

O. LADIES' TRAVELING HATS.
Dunlap & Co., 180 5th Av., New York.

P. MEN'S STRAW HATS.
Brigham, Hopkins Co., Baltimore, Md.
Dunlap & Co., 180 5th Av., New York.
Estate of R. M. Reynolds, Monson, Mass.
Levering & Smith, Baltimore, Md.
M. S. Levy & Sons, Baltimore, Md.
G. P. Muller & Co., 133 N. 7th St., Philadelphia, Pa.

Q. MISSES' HATS.
Max Mindheim, 67 Prince St., New York.

R. MISSES' STRAW HATS.
Caton Bros., Bixby & Co., Foxboro, Mass.
Estate of R. M. Reynolds, Monson, Mass.
Gotthold & Co., 561 Broadway, New York.
Hirsh & Park, Medway, Mass.
Wm. Knowlton & Sons, 564 Broadway, New York.
Maynard & Co., 716 Broadway, New York.
Joseph Potter & Son, 529 Arch St., Philadelphia, Pa.
H. F. Sawyer & Co., 706 Broadway, New York.

S. OILED HATS.
J. F. Carter Co., Beverly, Mass.
A. J. Tower, Boston, Mass.
Zittlosen Mfg. Co., St. Louis, Mo.

T. OPERA HATS.
Bent & Bush, Boston, Mass.
Alexander R. Brower, 68 Greene St., New York.
Dunlap & Co., 180 5th Av., New York.

U. PALM LEAF HATS.
Carroll-Hixon-Jones Co., Milford, Mass.
Henry W. Goodman Co., North Dana, Mass.
Hirsh & Park, 596 Broadway, New York.
Frank F. Hodges & Co., Boston, Mass.

V. POCKET HATS.
E. M. Knox, 212 Broadway, New York.
Volk Hat Co., South Norwalk, Conn.

W. RUBBER HATS.
B. F. Goodrich Co., Akron, O.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Mechanical Rubber Co., 22 Murray St., New York.
Stoughton Rubber Co., Boston, Mass.

X. SHAKOS.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

Y. SILK HATS.
Bent & Bush, Boston, Mass.

Brigham-Hopkins Co., Baltimore, Md.
Alexander R. Brower, 68 Greene St., New York.
Dunlap & Co., 180 5th Av., New York.
J. H. Fenton, 405 N. 2d St., Philadelphia, Pa.
E. M. Knox, 212 Broadway, New York.
Lee Hat Mfg. Co., Danbury, Conn.
Maynard & Co., 716 Broadway, New York.
Mrs. Marie Morgan, 180 Washington St., Chicago, Ill.
Raymond & Torwegge Hat Mfg. Co., St. Louis, Mo.
David Wilcox & Co., Cambridgeport, Mass.

Z. SOMBREROS.
Wm. Carroll Co., Matteawan, N. Y.
Maynard & Co., 716 Broadway, New York.
Raymond & Towegge Hat Mfg. Co., St. Louis, Mo.
J. B. Stetson & Co., 1748 N. 4th St., Philadelphia, Pa.

AA. STIFF HATS.
Raymond & Towegge Hat Mfg. Co., St. Louis, Mo.
D. Wilcox & Co., Cambridgeport, Mass.

BB. STIFF HATS IN THE ROUGH.
A. E. Mallory & Sons, Danbury, Conn.

CC. STRAW BONNETS.
Comey & Co., Mansfield, Mass.
Frank F. Hodges & Co., Boston, Mass.
F. C. Huych & Sons, Albany, N. Y.

DD. STRAW HATS.
Geo. W. Alexander & Co., Reading, Pa.
American Novelty Straw Works, 725 Arch St., Phila., Pa.
Balch, Price & Co., 376 Fulton St., Brooklyn, N. Y.
Brigham, Hopkins Co., Baltimore, Md.
Wm. Carroll & Co., Matteawan, N. Y.
Carroll-Hixon-Jones Co., Milford, Mass.
Comey & Co., Mansfield, Mass.
Dickerson & Co., Detroit, Mich.
Dunlap & Co., 180 5th Av., New York.
Estate of R. M. Reynolds, Monson, Mass.
Heimann & Lichten, Monson, Mass.
Wm. Knowlton & Sons, 564 Broadway, New York.
Matteawan Mfg. Co., Matteawan, N. Y.
Maynard & Co., 716 Broadway, N. Y.
M. S. Mork & Co., 15 Waverly Pl., New York.
Joseph Potter & Son, 529 Arch St., Philadelphia, Pa.
Robert I. Taylor & Co., Baltimore, Md.
Thom & Bayley, 16 Wasington Pl., New York.
Townsend, Grace & Co., Baltimore, Md.
Vanderhoef & Co., 43 W. 4th St., New York.

EE. UNIFORM HATS.
Philip Goldman, 470 Broadway, New York.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
J. Rummell Co., Dawson St., Newark, N. J.

FF. WOOL HATS.
Alsberge Hat Co., Reading, Pa.
Ayer, Houston & Co., Portland, Me.
Bayley Hat Co., Newburyport, Mass.
Wm. Carroll & Co., Matteawan, N. Y.
Dutchess Hat Works, Fishkill Landing, N. Y.
Fichthorne, Redcay & Co., Adamstown, Pa.
J. P. Gilman's Son, Bradford, Mass.
Heirs of W. H. Reinoel, Reading, Pa.
Chas. W. Hendel, Reading, Pa.
Geo. Hendel & Sons, Reading, Pa.
John Hendel's Sons, Reading, Pa.
C. F. Kessler & Sons, Reading, Pa.
Matteawan Mfg. Co., Matteawan, N. Y.
Maynard & Co., 716 Broadway, New York.
Merrimac Hat Co., Amesbury, Mass.
Methuen Hat Co., Methuen, Mass.
John R. Miller & Co., Reading, Pa.
Mohawk Valley Cap Factory, Utica, N. Y.
J. G. Mohn & Bros., Reading, Pa.
Reading Hat Co., Reading, Pa.
Rundle & White, Danbury, Conn.
John H. Spatz & Co., Mohns Store, Pa.
J. Milton Tenney, Methuen, Pa.
W. B. Thom & Co., Haverhill, Mass.
Waring Hat Mfg. Co., Yonkers, N. Y.

3956. HOODS.
S. C. Cahn & Co., 512 Broadway, New York.

3957. HOOP SKIRTS.
Bortree Corset Co., Jackson, Mich.

3958. HOSIERY.
Bibb Mfg. Co., Macon, Ga.
Enterprise Knitting Mills, Toledo, O.
E. Jenckes Mfg. Co., Pawtucket, R. I.
Kalamazoo Knitting Co., Milwaukee, Wis.
Wm. Sullivan & Co., 2808 2d St., Philadelphia, Pa.

	Winsted Hosiery Co., Winsted, Conn.
A. COTTON HOSIERY.	American Hosiery Co., New Britain, Conn.
	Bath Knitting Mills, Bath, Pa.
	Bibb Mfg. Co., Macon, Ga.
	Cooper, Wells & Co., St. Joseph, Mich.
	Ipswich Mills, Ipswich, Mass.
	Knoxville Knitting Mills Co., Knoxville, Tenn.
	Lawrence Mfg. Co., Lowell, Mass.
	Lowell Hosiery Co., Lowell, Mass.
	Shaw Stocking Co., Lowell, Mass.
	E. B. Sudbury & Co., 343 Broadway, New York.
	Sulloway Mills, Franklin Falls, N. H.
	Wayne Knitting Mills, Fort Wayne, Ind.
	Wilmington Hosiery Co., Wilmington, Del.
B. GOLF HOSIERY.	B. F. Boyer & Co., Delaware & Cooper Sts., Phila., Pa.
	Germania Knitting Works, 98 Franklin St., New York.
	Hitchcock & Curtiss Knitting Co., Hartford, Conn.
	E. B. Sudbury & Co., 343 Broadway, New York.
C. LISLE THREAD HOSIERY.	American Hosiery Co., New Britain, Conn.
	Belknap Mills Co., Laconia, N. H.
	J. W. Busiel & Co., Laconia, N. H.
	Esty Hosiery Co., Laconia, N. H.
	Ipswich Mills, Ipswich, Mass.
	Laconia Knitting Co., Laconia, N. H.
	Lowell Hosiery Co., Lowell, Mass.
	Seaman Bros. & Co., 153 Market St., Chicago, Ill.
	Shaw Stocking Co., Lowell, Mass.
	E. B. Sudbury & Co., 343 Broadway, New York.
D. MERINO HOSIERY.	American Hosiery Co., New Britain, Conn.
	J. W. Busiel & Co., Laconia, N. H.
	Cooper, Wells & Co., St. Joseph, Mich.
	Esty Hosiery Co., Laconia, N. H.
	W. R. Lawfer & Co., Allentown, Pa.
	Pitman Mfg. Co., Laconia, N. H.
	Shaw Stocking Co., Lowell, Mass.
	E. B. Sudbury & Co., 343 Broadway, New York.
	Union Hosiery Co., Laconia, N. H.
E. SEAMLESS HOSIERY.	I. C. Hunsicker & Co., Reading, Pa.
	Justus Koch & Co., 437 Moyer St., Philadelphia, Pa.
	Nelson Knitting Co., Rockford, Ill.
	Powell & Bro., N. 28th & Parish Sts., Philadelphia, Pa.
	Racine Knitting Co., Racine, Wis.
	Shaw Stocking Co., Lowell, Mass.
	Winsted Hosiery Co., Winsted, Conn.
F. SILK HOSIERY.	American Hosiery Co., New Britain, Conn.
	Bath Knitting Mills, Bath, Pa.
	Belding Bros. & Co., Belding, Mich.
	Knoxville Knitting Mills Co., Knoxville, Tenn.
	Nonotuck Silk Co., Florence, Mass.
	Richardson Silk Co., Belding, Mich.
	E. B. Sudbury & Co., 343 Broadway, New York.
G. WOOLEN HOSIERY.	A. H. & C. B. Alling, Derby, Conn.
	American Hosiery Co., New Britain, Conn.
	Barron Woolen Mills Co., Barron, Wis.
	Bath Knitting Mills, Bath, Pa.
	Wm. Broadhead & Sons, Jamestown, N. Y.
	J. W. Busiel & Co., Laconia, N. H.
	Cooper, Wells & Co., St. Joseph, Mich.
	Ipswich Mills, Ipswich, Mich.
	Dr. Jaeger's Sanitary Woolen System Co., 644 B'way, N. Y.
	W. R. Lawfer & Co., Allentown, Pa.
	Pitman Mfg. Co., Laconia, N. H.
	Radcliffe Bros., Shelton, Conn.
	Rockford Mitten & Hosiery Co., Rockford, Ill.
	Shaw Stocking Co., Lowell, Mass.
	E. B. Sudbury & Co., 343 Broadway, New York.
	Sulloway Mills, Franklin Falls, N. H.
	George H. Tilton, Tilton, N. H.
	Wm. H. Wiley & Son, Hartford, Conn.
H. WORSTED HOSIERY.	American Hosiery Co., New Britain, Conn.
	Bath Knitting Mills, Bath, Pa.
	Wm. Broadhead & Sons, Jamestown, N. Y.
	J. W. Busiel & Co., Laconia, N. H.
	W. R. Lawfer & Co., Allentown, Pa.
	Shaw Stocking Co., Lowell, Mass.
	George H. Tilton, Tilton, N. H.

3959. JACKETS.

A. CARDIGAN JACKETS.
Fred. Beutel, 103 Suydam St., Brooklyn, N. Y.
Fain Bros., 168 Johnson Av., Brooklyn, N. Y.
Germania Knitting Works, 98 Franklin St., New York.
Hy. Gernshym, 85 Franklin St., New York.
Justus Koch, 437 Moyer St., Philadelphia, Pa.
N. Siegel, 157 Meserole St., Brooklyn, N. Y.

B. HUNTING JACKETS.
J. S. Cary, Binghamton, N. Y.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
La Crosse Rubber Mills Co., La Crosse, Wis.
Von Lengerke & Detmold, 318 Broadway, New York.

C. JERSEY JACKETS.
Hyman Starr, 401 W. 124th St., New York.

D. NORFOLK JACKETS.
Geo. P. Ide & Co., Troy, N. Y.
Willard Mfg. Co., St. Albans, Vt.

E. SMOKING JACKETS.
Alfred Benjamin & Co., 51 Lafayette Place, New York.
H. Gershel & Son, 21 W. 4th St., New York.
Geo. P. Ide & Co., Troy, N. Y.
Wightman & Co., 21 Waverly Place, New York.

3960. JEAN PANTS.
Aram Bros., Cincinnati, O.
Cohen Mfg. Co., 168 Market St., Chicago, Ill.
Hoosier Mfg. Co., Ft. Wayne, Ind.
Hutchinson, Pierce & Co., 836 Broadway, New York.
Mayfield Woolen Mills, Mayfield, Ky.
Park Woolen Mills, Rossville, Ga.
Rankin Mfg. Co., Nashville, Tenn.
Seaman Bros. & Co., 153 Market St., Chicago, Ill.
Willard Mfg. Co., St. Albans, Vt.
Wise Bros., Baltimore, Md.
B. J. Wolf & Sons, New Orleans, La.

3961. JERSEYS.
Friedman & Co., 33 Lispenard St., New York.
Henry Gernshym, 85 Franklin St., New York.
E. H. Godschalk Co., N. 23d & Hamilton Sts., Phila., Pa.
I. Goldberg, 77 Franklin St., New York.
Jacobson & Gleitzman, 62 Walker St., New York.
Knitted Fabrics Co., Methuen, Mass.
Aaron Korngold, 30 Walker St., New York.
A. S. Morrison & Bros., Braintree, Mass.

3962. JUMPERS.
Fowle & Pearson, Boston, Mass.
Hoosier Mfg. Co., Fort Wayne, Ind.
Park Woolen Mills, Rossville, Ga.
Rosenblatt Bros., Cleveland, O.
G. Sidenberg & Co., 49 Mercer St., New York.
Williard Mfg. Co., St. Albans, Vt.

3963. LACE EMBROIDERIES.
Herman Bornemann, 78 Shipman St., Newark, N. J.
Cylindrograph Embroidery Co., Bridgeport, Conn.
Kursheedt Mfg. Co., 358 W. Broadway, New York.

3964. LACE FLOUNCINGS.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
Kursheedt Mfg. Co., 358 W. Broadway, New York.
G. Sidenberg & Co., 49 Mercer St., New York.

3965. LACE NETS.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
Loeb, Lipper & Co., 319 N. Darien St., Philadelphia, Pa.

3966. LEGGINS.

A. HUNTING LEGGINS.
Chicago Rubber Clothing Co., Racine, Wis.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
La Crosse Rubber Mills Co., La Crosse, Wis.
Wm. H. Wiley & Son, Hartford, Conn.

B. KNIT LEGGINS.
Wm. Broadhead & Sons, Jamestown, N. Y.
Cooper, Wells & Co., St. Joseph, Mich.
W. M. Donohue, Jersey City, N. J.
Enterprise Knitting Mills, Toledo, O.
C. F. Hoag, Kinderhook, N. Y.
Lamb Glove & Mitten Co., Perry, Mich.
Quincy Knitting Co., Quincy, Mich.
Geo. W. Rief, Manchester, N. H.

C. MILITARY LEGGINS.
Wm. H. Wiley & Son, Hartford, Conn.

D. RUBBER LEGGINS.
Chicago Rubber Clothing Co., Racine, Wis.
E. H. Clapp Rubber Co., Boston, Mass.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
La Crosse Rubber Mills Co., La Crosse, Wis.
Mechanical Rubber Co., 22 Murray St., New York.
Stoughton Rubber Co., Boston, Mass.

3967. MACKINTOSHES.

American Rubber Co., 37 Bedford St., Boston, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
B. F. Goodrich Co., Akron, O.
Hodgman Rubber Co., 593 Broadway, New York.
La Crosse Rubber Mills Co., La Crosse, Wis.
Mechanical Rubber Co., 22 Murray St., New York.
M. F. Reese Supply Co., Setauket, N. Y.
Standard Rubber Co., Brocton, Mass.
Stoughton Rubber Co., Boston, Mass.

3968. MITTENS.

P. P. Argersinger & Co., Johnstown, N. Y.
L. Baker, Buffalo, N. Y.
Berlin Glove & Mitten Co., Berlin, Wis.
Bradt & Shipman, De Kalb, Ill.
Cooper, Wells & Co., St. Joseph, Mich.
Davenport Woolen Mills Co., Davenport, Iowa.
Dempster & Place, Gloversville, N. Y.
Detroit Alaska Knitting Mills, Detroit, Mich.
Enterprise Knitting Mills, Toledo, O.
Richard Evans & Sons, Johnstown, N. Y.
A. Veeder Fonda, Gloversville, N. Y.
M. Friedlander, Milwaukee, Wis.
Great Western Knitting Co., Milwaukee, Wis.
L. C. Hall & Co., 535 Arch St., Philadelphia, Pa.
Daniel Hays & Co., Gloversville, N. Y.
Hitchcock & Curtiss Knitting Co., Hartford, Conn.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
Kalamazoo Knitting Co., Milwaukee, Wis.
M. Kent, Enosburg Falls, Vt.
La Crosse Knitting Works, La Crosse, Wis.
James McSwiney, Gloversville, N. Y.
J. P. Miller & Co., Johnstown, N. Y.
National Knitting Co., Milwaukee, Wis.
Phoenix Knitting Works, Milwaukee, Wis.
Portage Hosiery Co., Portage, Wis.
Henry W. Price Co., Rockford, Ill.
Star Knitting Co., La Crosse, Wis.
Toledo Knitting Co., Toledo, O.
Why Bros. & Co., 5130 Wakefield St., Germantown, Phila., Pa.

A. BUCKSKIN MITTENS.
Daniel Hays & Co., Gloversville, N. Y.
H. M. Heineman, San Francisco, Cal.
J. P. Miller & Co., Johnstown, N. Y.

B. CALF SKIN MITTENS.
Frank Pauley & Son, Gloversville, N. Y.

C. CASTOR MITTENS.
Brockton Mitten & Glove Co., Brockton, Mass.

D. CORN HUSKING MITTENS.
Daniel Hays & Co., Gloversville, N. Y.
Blair Husking Glove Co., Bucyrus, O.

E. FUR MITTENS.
Gordon & Ferguson, St. Paul, Minn.
La Grange Robe & Tanning Co., La Grange, Ind.

F. KID MITTENS.
Daniel Hays & Co., Gloversville, N. Y.
Chas. W. Phillips, Gloversville, N. Y.

G. MOCHA MITTENS.
Daniel Hays & Co., Gloversville, N. Y.
Chas. W. Phillips, Gloversville, N. Y.

H. RUBBER MITTENS.
Boston Belting Co., Boston, Mass.
Davidson Rubber Co., Boston, Mass.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
Mattson Rubber Co., 11 Broadway, New York.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

I. SHEEPSKIN POLISHING MITTENS.
Planet Mfg. Co., Springfield, Mass.

J. STOVE POLISHING MITTENS.
Parks & Parks, Troy, N. Y.

3969. MITTS.

James H. Burr, Gloversville, N. Y.
M. A. Kent, Enasburg Falls, Vt.
Nelson Knitting Co., Rockford, Ill.
Phoenix Knitting Works, Milwaukee, Wis.

A. LACE MITTS.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.

B. SILK MITTS.
Belding Bros. & Co., Belding, Mich.
Clark Fabric Co., Sidney, N. Y.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
J. H. Loewenstine, 75 Greene St., New York.
Joseph Roth & Co., Toledo, O.
Starin Silk Fabric Co., Fultonville, N. Y.
E. B. Sudbury & Co., 343 Broadway, New York.

C. WOOLEN MITTS.
Barron Woolen Mills Co., Barron, Wis.

D. WORKING & DRIVING MITTS.
Raymond & Williams, Napa, Cal.

3970. MUFFLERS.
Cheney Bros., South Manchester, Conn.
Cornforth & Marx, Paterson, N. J.
Dexter, Lambert & Co., Paterson, N. J.

3971. MUFFS.
A. EAR MUFFS.
Isaac B. Kleinert Rubber Co., College Point, N. Y.
B. FUR MUFFS.
C. G. Gunther's Sons, 184 5th Av., New York.
Kessler Bros. & Schacter, 67 W. Houston St., New York.
La Grange Robe & Tanning Co., La Grange, Ind.
Mischo & Muller, 722 Broadway, New York.
A. Reinemann, 160 Mercer St., New York.
C. PLUSH MUFFS.
Frankenthal Bros., 81 Wooster St., New York.
Albert Reinemann, 160 Mercer St., New York.

3972. NECKTIE RETAINERS.
Cory & Reynolds, Providence, R. I.

3973. NECKWEAR.
Bendix, Stearn & Bendix, 35 E. 12th St., New York.
Leopold Burger, 598 Broadway, New York.
Cleveland, Brown & Co., Boston, Mass.
H. C. Cohn & Co., Rochester, N. Y.
Cutter & Crossette, 237 Franklin St., Chicago, Ill.
Fleisch & Co., 574 Broadway, New York.
French & Co., Inc., 585 Broadway, New York.
C. C. Hancock & Co., 341 Market St., Philadelphia, Pa.
H. M. Heineman, San Francisco, Cal.
Howell, Stein & Co., 1113 Market St., Philadelphia, Pa.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
Keep Mfg. Co., 809 Broadway, New York.
Keys & Lockwood, 869 Broadway, New York.
Kursheedt Mfg. Co., 356 W. Broadway, New York.
J. S. Lowrey & Co., 115 Wooster St., New York.
Chas. W. Lyford & Son, 8 Washington Pl., New York.
Ornstein & Rice, 99 W. 3d St., Cincinnati, O.
Ezekiel Plonsky, 576 Broadway, New York.
H. Richter's Sons, 627 Broadway, New York.
Julius Schaul's Son, 7 Great Jones St., New York.
L. Simon & Co., 640 Broadway, New York.
A. LACE NECKWEAR.
Shoninger Bros. Mfg. Co., 270 5th Av., Chicago, Ill.

3974. NIGHT GOWNS.
Cheney Mfg. Co., Portland, Me.
Excelsior Underwear Co., 572 W. Broadway,
Hutchinson, Pierce & Co., 836 Broadway, New York.
Keep Mfg. Co., 809 Broadway, New York.
Wm. H. Richardson Co., Boston, Mass.
Isaac Rosenstein & Co., 23 White St., New York.
D. Steinberg & Co., 26 Howard St., New York.
Steiner & Son, 729 Broadway, New York.
United Shirt & Collar Co., Troy, N. Y.
Wachusett Shirt Co., Leominster, Mass.
Welcher Underwear Co., Rochester, N. Y.
Wilson Bros., 248 Jackson St., Chicago, Ill.

3975. OVERALLS.
Chas. Alshuler Mfg. Co., Racine, Wis.
Alto Shirt Co., Cincinnati, O.
A. Aram & Co., Cincinnati, O.
Babcock & Shannon Co., Albany, N. Y.
Bennett Mfg. Co., Binghamton, N. Y.
Beyer Bros., Buffalo, N. Y.
Frank Brownson, Dubuque, Iowa.
Cohen Mfg. Co., 168 Market St., Chicago, Ill.
Cohn & Co., Buffalo, N. Y.
Enterprise Mfg. Co., Cleveland, O.
Fowle & Pearson, Boston, Mass.
Freeman Overall Co., Binghamton, N. Y.
Hoosier Mfg. Co., Fort Wayne, Ind.
M. W. Kahn & Co., Chillicothe, Ill.
Koblenzer & Dazian, 98 Franklin St., New York.
S. W. Korn & Co., 574 Broadway, New York.
Lowman's Sons, Cincinnati, O.
Park Woolen Mills, Rossville, Ga.
Rankin Mfg. Co., Nashville, Tenn.
Rosenblatt Bros., Cleveland, O.
Seaman Bros. & Co., 153 Market St., Chicago, Ill.
Standard Mfg. Co., Buffalo, N. Y.
Sweet, Orr & Co., 625 Broadway, New York.
Willard Mfg. Co., St. Albans, Vt.
Wise Bros., Baltimore, Md.
B. J. Wolf & Sons, New Orleans, La.
A. RUBBER OVERALLS.
Goodyear Rubber Co., 787 Broadway, New York.

Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.
Mechanical Rubber Co., 22 Murray St., New York.

3976. PAJAMAS.
Alfred Benjamin & Co., 51 Lafayette Pl., New York.
Geo. P. Ide & Co., Troy, N. Y.
Keep Mfg. Co., 809 Broadway, New York.
Wm. H. Richardson Co., Boston, Mass.
Steiner & Son, 729 Broadway, New York.

3977. PATTERN SKIRTS.
Jacksonville Woolen Mills, Jacksonville, Ill.

3978. PLUSH GARMENTS.
A. E. Burkhardt, Jr., & Co., Cincinnati, O.
Eagle Tailoring Co., 521 6th Av., New York.
Moses Natelson, 44 Walker St., New York.
Morris Rosenbaum & Co., 34 Thomas St., New York.

3979. PONCHOS.
American Rubber Co., Boston, Mass.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

3980. REEFERS.
Willard Mfg. Co., St. Albans, Vt.

3981. REGALIAS.
Benziger Bros., 36 Barclay St., New York.
George A. Floding, Huntington, W. Va.
G. F. Foster, Son & Co., 174 E. Madison St., Chicago. Ill.
Wm. H. Horstman Co., Cherry & N. 5th Sts., Phila., Pa.
M. C. Lilley & Co., Columbus, O.
Parson & Co., St. Louis, Mo.
B. Pasquale & Sons, San Francisco, Cal.
Pettibone Bros. Mfg. Co., Cincinnati, O.
Sisco Bros., Baltimore, Md.

3982. RIDING HABITS.
R. Colle & Co., 58 W. 22d St., New York.
Jacques Krakauer, 332 5th Av., New York.
Redfern, Ltd., 210 5th Av., New York.

3983. RUCHINGS.
A. L. Cohen, 526 8th Av., New York.
Kursheedt Mfg. Co., 358 W. Broadway, New York.

3984. RUFFLINGS.
A. L. Cohen, 526 8th Av., New York.
E. & W. S. Finlay, 445 Broome St., New York.
Kisch Mfg. Co., 557 Broadway, New York.
Kursheedt Mfg. Co., 358 W. Broadway, New York.
Rosenthal Bros. & Co., 46 Greene St., New York.
S. Saloman & Co., Baltimore, Md.
G. Sidenberg & Co., 49 Mercer St., New York.
Silberberg Bros., 61 Wooster St., New York.

3985. SACQUES.
Cheney Mfg. Co., Portland, Me.
Novelty Tea Gown Co., 117 Prince St., New York.

3986. SCARFS.
Cohn & Co., 562 Broadway, New York.
Abraham W. Cowen, 573 Broadway, New York.
S. Faust, 27 Bond St., New York.
Joseph Feinson, 24 Bond St., New York.
Keep Mfg. Co., 809 Broadway, New York.
Loeb, Lipper & Co., 317 N. Darien St., Philadelphia, Pa.
G. Sidenberg & Co., New York.

A. SILK SCARFS.
Frank P. Heid & Co., N. 13th & Wood Sts., Phila., Pa.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
Stanton Bros., 475 Broadway, New York.
A. E. Tweedy, Danbury, Conn.

3987. SHAWLS.
E. K. & G. N. Anderson, Ashland, Ore.
Barron Woolen Mills Co., Barron, Wis.
Blake & Co., Racine, Wis.
Curtis Mfg. Co., Worcester, Mass.
Grand Forks Woolen Mills, Grand Forks, N. Y.
S. Greenwood & Son, Coatesville, Pa.
Hay & Todd Mfg. Co., Ypsilanti, Mich.
Levison Bros. & Co., 458 Broadway, New York.
Merrimack Woolen Mills Co., Dracut, Mass.
Middlesex Co., Lowell, Mass.
Oregon City Mfg. Co., Oregon City, Ore.
Peerless Knitting Mills Co., Toledo, O.
Phoenix Silk Mfg. Co., Paterson, N. J.
Wm. Rhodes & Son, Hancock & Somerset Sts., Phila., Pa.
Rockford Woolen Mills, Rockford, Ill.
Wm. Sullivan & Co., 2808 N. 2d St., Philadelphia, Pa.
Waterloo Woolen Mfg. Co., Waterloo, N. Y.
Thos. H. Wilson, 1420 Howard St., Philadelphia, Pa.
Wisconsin Knitting Works, Milwaukee, Wis.

A. COTTON SHAWLS.
Rumpf Bros. & Witty, Huntingdon & N. Hancock, Phila., Pa.

B. EMBROIDERED SHAWLS.
Myer Gans, Sons & Co., 151 Spring St., New York.

C. SILK SHAWLS.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.

3988. SHIRTS.
Chas. Alshuler Mfg. Co., Racine, Wis.

Alto Shirt Co., Cincinnati, O.
American Shirt & Collar Co., Waterford, N. Y.
A. Aram & Co., Cincinnati, O.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
Goodstock Mfg. Co., Syracuse, N. Y.
Hutchinson, Pierce & Co., 836 Broadway, New York.
M. W. Kahn & Co., Chillicothe, Ill.
Lowman's Sons, Cincinnati, O.
Jacob Miller's Sons & Co., 926 Market St., Philadelphia, Pa.
S. L. Munson, Albany, N. Y.
C. A. Ormsby, Malone, N. Y.
Isaac Rosenstein & Co., 23 White St., New York.
Samuel Sternberger & Co., 31 N. 10th St., Philadelphia, Pa.
Sweet, Orr & Co., 625 Broadway, New York.
Wachusetts Shirt Co., Leominster, Mass.
Louis Wald & Co., 213 Race St., Cincinnati, O.

A. COTTON SHIRTS.

Chas. Alshuler Mfg. Co., Racine, Wis.
Cluett, Peabody & Co., Troy, N. Y.
Coburn & Whitman, 73 Summer St., Boston, Mass.
Chas. Falkenberg, 388 Broadway, New York.
Fowle & Pearson, 65 Bedford St., Boston, Mass.
George P. Ide & Co., Troy, N. Y.
Keep Mfg. Co., 809 Broadway, New York.
Koblenzer & Dazian, 98 Franklin St., New York.
S. W. Korn & Co., 574 Broadway, New York.
Manhattan Shirt Co., 760 Broadway, New York.
Roggen & Eisenstein, 43 E. Broadway, New York.
Isaac Rosenstein & Co., 23 White St., New York.
V. H. Rothschild & Co., 43 Leonard St., New York.
Seaman Bros. & Co., 153 Market St., Chicago, Ill.
Strawbridge & Clothier, 8th & Filbert Sts., Philadelphia, Pa.
B. J. Wolf & Sons, New Orleans, La.
Wheeler & Shiner, Newark, N. J.

B. EMBROIDERED SHIRTS.

Cluett, Peabody & Co., Troy, N. Y.
Chas. Falkenberg, 388 Broadway, New York.
Gem Shirt Co., Dayton, O.
Geo. P. Ide & Co., Troy, N. Y.
S. W. Korn & Co., 574 Broadway, New York.
Leominster Shirt Co., Leominster, Mass.
Manhattan Shirt Co., 760 Broadway, New York.
Miller-Hale Shirt & Collar Co., Troy, N. Y.
Roggen & Eisenstein, 45 E. Broadway, New York.
I. Rosenstein & Co., 23 White St., New York.
Strawbridge & Clothier, 8th & Filbert Sts., Phila., Pa.
United Shirt & Collar Co., Troy, N. Y.
Wachusetts Shirt Co., Leominster, Mass.
Wilbur Shirt & Collar Co., Troy, N. Y.

C. FIRE SHIRTS.

Cairns & Bros., 143 Grand St., New York.
Coburn & Whitman, 73 Summer St., Boston, Mass.
Chas. Falkenberg, 388 Broadway, New York.
S. W. Korn & Co., 574 Broadway, New York.
Martin Weydig & Son, New Orleans, La.

D. FLANNEL SHIRTS.

Chas. Alshuler Mfg. Co., Racine, Wis.
Alfred Benjamin Co., 51 Lafayette Place, New York.
Cheney Mfg. Co., Portland, Me.
Coburn & Whitman, 73 Summer St., Boston, Mass.
Cohen Mfg. Co., 168 Market St., Chicago, Ill.
C. F. Crosby & Co., Troy, N. Y.
H. C. Curtis & Co., Troy, N. Y.
Chas. Falkenberg, 388 Broadway, New York.
Fowle & Pearson, 65 Bedford St., Boston, Mass.
Herrman & Schneer, 621 Broadway, New York.
Hutchinson, Pierce & Co., 836 Broadway, New York.
George P. Ide & Co., Troy, N. Y.
Keep Mfg. Co., 809 Broadway, New York.
Koblenzer & Dazian, 98 Franklin St., New York.
S. W. Korn & Co., 574 Broadway, New York.
Manhattan Shirt Co., 760 Broadway, New York.
Jacob Miller, Sons & Co., 926 Market St., Philadelphia, Pa.
Solomon Miller & Co., 330 Market St., Philadelphia, Pa.
Roggen & Eisenstein, 43 E. Broadway, New York.
Isaac Rosenstein & Co., 23 White St., New York.
V. Henry Rothschild & Co., 43 Leonard St., New York.
Seaman Bros. & Co., 153 Market St., Chicago, Ill.
Steppacher & Stern, Baltimore, Md.
Samuel Sternberger & Co., 31 N. 10th St., Philadelphia, Pa.

	Weil, Haskell & Co., 483 Broadway, New York.
	B. J. Wolf & Sons, New Orleans, La.
E. JEAN SHIRTS.	Fish & Weil, Nashville, Tenn.
	Frank & Co., Nashville, Tenn.
	O'Bryan Bros., Nashville, Tenn.
	Roggen & Eisenstein, 43 E. Broadway, New York.
	Seaman Bros. & Co., 153 Market St., Chicago, Ill.
	B. J. Wolf & Sons, New Orleans, La.
F. KNIT SHIRTS.	Clark & Holsapple Mfg. Co., Cohoes, N. Y.
	Nelson Knitting Co., Middleville, N. Y.
G. LADIES' SHIRTS.	Cheney Mfg. Co., Portland, Me.
H. LINEN SHIRTS.	Buffalo Shirt Co., Buffalo, N. Y.
	Burt Shirt Mfg. Co., Poughkeepsie, N. Y.
	Cluett, Peabody & Co., Troy, N. Y.
	H. C. Curtis & Co., Troy, N. Y.
	Earl & Wilson, 33 E. 17th St., New York.
	Chas. Falkenberg, 388 Broadway, New York.
	Fish & Weil, Nashville, Tenn.
	Frank & Co., Nashville, Tenn.
	Gem Shirt Co., Dayton, O.
	George P. Ide & Co., Troy, N. Y.
	Keep Mfg. Co., 809 Broadway, New York.
	S. W. Korn & Co., 574 Broadway, New York.
	Leominster Shirt Co., Leominster, Mass.
	Lovell Shirt & Overall Co., Syracuse, N. Y.
	Manhattan Shirt Co., 760 Broadway, New York.
	Jacob Miller & Sons Co., 926 Market St., Phila., Pa.
	Miller-Hale Shirt & Collar Co., Troy, N. Y.
	O'Bryan Bros., Nashville, Tenn.
	J. H. Osterhout, Troy, N. Y.
	Roggen & Eisenstein, 43 E. Broadway, New York.
	A. S. Rugge, Glens Falls, N. Y.
	Samuel Sternberger & Co., 31 N. 10th St., Philadelphia, Pa.
	A. M. Stockwell Co., North Bennington, Vt.
	Strawbridge & Clothier, 8th & Filbert Sts., Phila., Pa.
	Sweet, Orr & Co., 625 Broadway, New York.
	United Shirt & Collar Co., Troy, N. Y.
	Wachusett Shirt Co., Leominster, Mass.
	Weil, Haskell & Co., 483 Broadway, New York.
	West & Simons, Port Chester, N. Y.
	Wheeler & Shiner, Newark, N. J.
	Wilbur Shirt & Collar Co., Troy, N. Y.
	Wilson Bros., South Bend, Ind.
I. NEGLIGÉE SHIRTS.	Alto Shirt Co., Cincinnati, O.
	Hutchinson, Pierce & Co., 836 Broadway, New York.
	Ideal Shirt Co., Cincinnati, O.
	M. W. Kahn & Co., Chillicothe, Ill.
	Samuel Sternberger & Co., 31 N. 10th St., Philadelphia, Pa.
J. SHIRT FRONTS.	Alfred Benjamin & Co., 57 Lafayette Pl., New York.
	Coburn & Whitman, 73 Summer St., Boston, Mass.
	Gem Shirt Co., Dayton, O.
	George P. Ide & Co., Troy, N. Y.
	S. W. Korn & Co., 574 Broadway, New York.
	Leominster Shirt Co., Leominster, Mass.
	Manhattan Shirt Co., Paterson, N. J.
	Nonotuck Silk Co., Florence, Mass.
	Roggen & Eisenstein, 43 E. Broadway, New York.
	V. Henry Rothschild & Co., 43 Leonard St., New York.
	Seaman Bros. & Co., 153 Market St., Chicago, Ill.
	H. Wallach's Sons, 38 Thomas St., New York.
	Weil, Haskell & Co., 483 Broadway, New York.
K. SILK SHIRTS.	Hutchinson, Pierce & Co., 836 Broadway, New York.
	George P. Ide & Co., Troy, N. Y.
	Manhattan Shirt Co., 760 Broadway, New York.
L. WHITE COMPOSITION SHIRT FRONTS.	Arlington Collar & Cuff Co., 475 Broadway, New York.
	Windsor Collar & Cuff Co., Windsor, Conn.
M. WHITE RUBBER SHIRT FRONTS.	Thread City Collar Co., Willimantic, Conn.
N. WOOLEN SHIRTS.	Barron Woolen Mills Co., Barron, Wis.
	Clarksburg Woolen Mills, Clarksburg, W. Va.
	E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.

3989. SHOOTING CLOTHING.

	A. G. Spalding & Bro., Inc., 132 Nassau St., New York.
	Willard Mfg. Co., St. Albans, Vt.

3990. SLICKERS.

H. M. Sawyer & Co., East Cambridge, Mass.

A. J. Tower, 18 Simmons St., Boston, Mass.

3991. STOCKING PROTECTORS.

Wm. H. Wiley & Son, Hartford Conn.

3992. SUSPENDERS & SUPPORTERS.

A. ELASTIC SUPPORTERS.
Stein Bros., 23 Walker St., New York.

B. GARTERS.
American Tubing & Webbing Co., Providence, R. I.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Canfield Rubber Co., Bridgeport, Conn.
Dibble & Warner, Easthampton, Mass.
Geo. Frost Co., 551 Tremont St., Boston, Mass.
Thos. P. Tailor, Bridgeport, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.

C. HOSE SUPPORTERS.
American Tubing & Webbing Co., Providence, R. I.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Robert N. Barrett Co., 377 Broadway, New York.
Berlin Glove & Mitten Co., Berlin, Wis.
Boston Supporter Co., Boston, Mass.
Geo. Frost Co., Boston, Mass.
Northwestern Suspender Co., Des Moines, Iowa.
Thomas P. Taylor, Bridgeport, Conn.
Warner Bros. Co., 359 Broadway, New York.
Werum Bros., Toledo, O.

D. HOSE SUPPORTER TRIMMINGS.
Waterbury Buckle Co., Waterbury, Conn.

E. LEATHER SUSPENDERS.
Bunker Saddle Co., 208 Lake St., Chicago, Ill.
J. G. Curtis Leather Co., Ludlow, Pa.
Dubuque Saddlery & Harness Co., Dubuque, Iowa.

F. PAGE CORDS.
George S. Colton, Easthampton, Mass.

G. SHOULDER BRACES.
Common Sense Truss Co., Chicago, Ill.
Dibble & Warner, Easthampton, Mass.
Ferris Bros. Co., 341 Broadway, New York.
Hastings & McIntosh Truss Co., 224 S. 9th St., Phila., Pa.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.
Wm. H. Horn & Co., 453 N. 3d St., Philadelphia, Pa.
Nashawannuck Mfg. Co., Easthampton, Mass.
Northwestern Suspender Co., Des Moines, Iowa.

H. SKIRT SUPPORTERS.
B. A. Ballou & Co., Providence, R. I.
George Frost & Co., Boston, Mass.
New England Novelty Mfg. Co., Boston, Mass.
Thos. P. Taylor, Bridgeport, Conn.

I. SKIRT SUPPORTING HOOKS.
New England Novelty Mfg. Co., Boston, Mass.

J. SLEEVE SUPPORTERS.
American Tubing & Webbing Co., Providence, R. I.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Geo. Frost & Co., Boston, Mass.
Hub Gore Makers, 91 Bedford St., Boston, Mass.
Northwestern Suspender Co., Des Moines, Iowa.
W. Sawyer, Providence, R. I.

K. STOCKING SUPPORTERS.
Canfield Rubber Co., Bridgeport, Conn.
Dibble & Warner, Easthampton, Mass.
Ferris Bros. Co., 341 Broadway, New York.
Fisk, Clark & Flagg, 5 Washington Pl., New York.
Geo. Frost & Co., Boston, Mass.
Mrs. Clara F. Salisbury, Battle Creek, Mich.
A. G. Spalding & Bro., Inc., 132 Nassau St., New York.
Warner Bros. Co., Bridgeport, Conn.
Willard Mfg. Co., St. Albans, Vt.

L. SUSPENDERS.
Jos. Adamson & Co., 1652 Germantown Av., Phila., Pa.
Armstrong Mfg. Co., Bridgeport, Conn. *18
Berlin Glove & Mitten Co., Berlin, Wis.
Chester Suspender Co., Roxbury Crossing, Mass.
Crown Suspender Co., 841 Broadway, New York.
Dibble & Warner, Easthampton, Mass.
Eagle Suspender Co., 13 N. 3d St., Philadelphia, Pa.
H. M. Heineman, San Francisco, Cal.
Wm. Littauer & Co., 388 2d Av., New York.
Nashawannuck Mfg. Co., Easthampton, Mass.
Northwestern Suspender Co., Des Moines, Iowa.
Pioneer Suspender Co., 718 Market St., Philadelphia, Pa.
Russell Mfg. Co., Middletown, Conn.
Sloan & Co., 21 Maiden Lone, New York.
Thorndike Mfg. Co., Lowell, Mass.
Weld, Colburn & Wilckens, 806 Broadway, New York.
Wilson Bros., Jackson St. & 5th Av., Chicago, Ill.
Zekind & Co., San Francisco, Cal.

3993. SWEATERS.
Astoronga Knitting Mills, Little Falls, N. Y.

REFERENCE LIBRARY UNIVERSITY OF CALIFORNIA

B. F. Boyer & Co., Delaware & Cooper Sts., Phila., Pa.
Dunham Hosiery Co., Naugatuck, Conn.
Germania Knitting Works, 98 Franklin St., New York.
J. J. Gilbert, Little Falls, N. Y.
Hatheway & Reynolds, Oriskany Falls, N. Y.
Mohawk Valley Cap Factory, Utica, N. Y.

3994. TEA GOWNS.
Crippen, Reid & Coon, Saratoga Springs, N. Y.
Meyer Gans' Sons & Co., 151 Spring St., New York.
Novelty Tea Gown Co., 117 Prince St., New York.

3995. THEATRICAL GOODS.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

3996. TOQUES.
Mohawk Valley Cap Factory, Utica, N. Y.

3997. TROUSER GUARDS.
L. M. Devore & Co., Freeport, Ill.
Edwin B. Stimpson & Son, 31 Spruce St., New York.
Tie Co., Unadilla, N. Y.

3998. UNDERSKIRTS.
T. W. Jackson & Co., Newark, N. J.
Dr. Jaeger's Sanitary Woolen System Co., 644 B'way, N. Y.
Randles & Cruikshank, Ogdensburg, N. Y.
Shuler & Benninghofen, Hamilton, O.
Warner Bros. Co., Bridgeport, Conn.
Willard Mfg. Co., St. Albans, Vt.

A. EMBROIDERED SKIRTS.
Myer Gans' Sons & Co., 151 Spring St., New York.

B. SILK SKIRTS.
Novelty Tea Gown Co., 117 Prince St., New York.

3999. UNDERWEAR.
Hutchinson, Pierce & Co., 836 Broadway, New York.
E. Jenckes Mfg. Co., Pawtucket, R. I.
Lowman's Sons, Cincinnati, O.
J. H. Pynes, Waterford, N. Y.
Rossman Knitting Co., Stockport, N. Y.

A. BUCKSKIN UNDERWEAR.
D. C. Hall & Co., 86 Leonard St., New York.

B. CAMEL'S HAIR UNDERWEAR.
Dunham Hosiery Co., Naugatuck, Conn.
Root Mfg. Co., Cohoes, N. Y.

C. CHAMOIS UNDERWEAR.
Bauer & Black, 1245 State St., Chicago, Ill.

D. CHILDREN'S UNDERWEAR.
American Hosiery Co., New Britain, Conn.
Wm. H. Burns Co., Worcester, Mass.
Cheney Mfg. Co., Portland, Me.
Cornell Knitting Co., Rondout, N. Y.
Dunham Hosiery Co., Naugatuck, Conn.
Frankenthal Bros., 81 Wooster St., New York.
Health Underwear Co., Poquonock, Conn.
F. W. Kavanaugh Mfg. Co., Cohoes, N. Y.
Medlicott Co., Windsor Locks, Conn.
J. H. Murphy & Co., Cohoes, N. Y.
Oneita Knitting Mills, Utica, N. Y.
J. H. Pynes, Waterford, N. Y.
Rob Roy Hosiery Co., Troy, N. Y.
D. Steinberg & Co., 106 Greene St., New York.

E. COTTON UNDERWEAR.
Aken Knitting Co., Philmont, N. Y.
American Hosiery Co., New Britain, Conn.
Boston Mfg. Co., Waltham, Mass.
Wm. H. Burns Co., Worcester, Mass.
Cheney Mfg. Co., Portland, Me.
F. W. Kavanaugh Mfg. Co., Cohoes, N. Y.
Keep Mfg. Co., 809 Broadway, New York.
Lawrence Mfg. Co., Lowell, Mass.
H. H. McDowell & Co., Cohoes, N. Y.
J. A. Scriven Co., 18 E. 15th St., New York.

F. FANCY UNDERWEAR.
Keep Mfg. Co., 809 Broadway, New York.
Van Dyke Knitting Co., Milwaukee, Wis.

G. FLEECE LINED UNDERWEAR.
E. H. Godshalk Co., N. 23d & Hamilton Sts., Phila., Pa.
John E. Hanifen & Co., Savery & Thompson Sts., Phila., Pa.

H. GAUZE UNDERWEAR.
Pickering Knitting Co., Lowell, Mass.

I. INFANTS' UNDERWEAR.
Herman Bornemann, Newark, N. J.
Enterprise Knitting Mills, Toledo, O.
Excelsior Underwear Co., 572 Broadway, New York.
Frankenthal Bros., 81 Wooster St., New York.
J. H. Murphy & Co., Cohoes, N. Y.
D. Steinberg & Co., 106 Greene St., New York.

J. KNIT UNDERWEAR.
Adler & Co., Cincinnati, O.
American Hosiery Co., New Britain, Conn.
Astoronga Knitting Mills, Little Falls, N. Y.
Bennington Knitting Co., Bennington, Vt.
N. L. Birge & Son, Bristol, Conn.
Clark & Holsapple Mfg. Co., Cohoes, N. Y.
Commercial Knitting Mills Co., Troy, N. Y.
Cornell Knitting Co., Rondout, N. Y.
L. L. Dean & Co., Amsterdam, N. Y.

Dunham Hosiery Co., Naugatuck, Conn.
Faith Knitting Co., Averill Park, N. Y.
Garden City Knitting Works, Jacksonville, Ill.
J. J. Gilbert, Little Falls, N. Y.
Greene Knitting Co., Amesterdam, N. Y.
John E. Hanifen & Co., Savery & Thompson Sts., Phila., Pa.
Harden Knitting Co., Harden, N. Y.
Hatheway & Reynolds, Oriskany Falls, N. Y.
Health Underwear Co., Poquonock, Conn.
James A. Hover, Columbiaville, N. Y.
James H. Kane, Averill Park, N. Y.
Lackawanna Mills, Scranton, Pa.
Lewis Knitting Co., Janesville, Wis.
McFarlane & Co., Amsterdam, N. Y.
Medlicott Co., Windsor Locks, Conn.
J. C. & J. C. Miller Co., Baldwinsville, N. Y.
J. H. Murphy & Co., Cohoes, N. Y.
North & Doyle, Cohoes, N. Y.
Northwestern Knitting Co., Minneapolis, Minn.
Oneita Knitting Mills, Utica, N. Y.
Parsons Mfg. Co., Cohoes, N. Y.
Plainville Mfg. Co., Plainville, Conn.
Root Mfg. Co., Cohoes, N. Y.
Rob Roy Hosiery Co., Troy, N. Y.
John Scott, Cohoes, N. Y.
Star Knitting Co., Cohoes, N. Y.
Stratford Knitting Mills, 508 Cherry St., Phila., Pa.
Taylor-Bramley Co., Chicopee Falls, N. Y.
Union Underwear Co., Piqua, O.
Victor Knitting Mills Co., Cohoes, N. Y.
Waterford Knitting Co., Waterford, N. Y.
Wayside Knitting Co., Troy, N. Y.
Winsted Hosiery Co., Winsted, Conn.

K. LADIES' UNDERWEAR.

American Hosiery Co., New Britain, Conn.
Mrs. Jane M. Bevan, 21 E. 17th St., New York.
Wm. H. Burns Co., Worcester, Mass.
Cheney Mfg. Co., Portland, Me.
Danenbaum Bros., 72 W. 23d St., New York.
Danzig & Co., 130 Greene St., New York.
Dunham Hosiery Co., Naugatuck, Conn.
Excelsior Underwear Co., 572 W. Broadway, New York.
Frankenthal Bros., 81 Wooster St., New York.
Health Underwear Co., Poquonock, Conn.
Isaac Hirsch & Son, 114 Greene St., New York.
Holmes Co., 109 Kingston St., Boston, Mass.
F. W. Kavanaugh Mfg. Co., Cohoes, N. Y.
Medlicott Co., Windsor Locks, Conn.
J. H. Murphy & Co., Cohoes, N. Y.
Oneita Knitting Mills, Utica, N. Y.
J. H. Pynes, Waterford, N. Y.
Rob Roy Hosiery Co., Troy, N. Y.
D. E. Sicher & Co., 105 Wooster St., New York.
Siegel Bros., 65 Wooster St., New York.
Starr Knitting Co., Cohoes, N. Y.
D. Steinberg & Co., 106 Greene St., New York.
Stratford Knitting Mills, 508 Cherry St., Phila., Pa.
Victor Knitting Mills Co., Cohoes, N. Y.
Welcher Underwear Co., 160 Andrews St., Rochester, N. Y.

L. LISLE THREAD UNDERWEAR.

Northwestern Knitting Co., Minneapolis, Minn.
Otis Co., Ware, Mass.

M. MERINO UNDERWEAR.

Aken Knitting Co., Philmont, N. Y.
American Hosiery Co., New Britain, N. Y.
Health Underwear Co., Poquonock, Conn.
G. H. McDowell & Co., Cohoes, N. Y.
Root Mfg. Co., Cohoes, N. Y.
Star Knitting Co., Cohoes, N. Y.

N. SCARLET UNDERWEAR.

H. E. Bradford & Co., Bennington, Vt.
D. M. Collins & Co., Pittsfield, Mass.
Medlicott Co., Windsor Locks, Conn.
Nazareth Mfg. Co., Nazareth, Pa.
Mrs. Catherine E. Pawling, Hagaman's, N. Y.
Geo. Rockwood & Co., Bennington, Vt.
Star Knitting Co., Cohoes, N. Y.
Victor Knitting Mills Co., Cohoes, N. Y.

O. SILK UNDERWEAR.

American Hosiery Co., New Britain, Conn.
Belding Bros. & Co., Inc., Belding, Mich.

Geo. Frost & Co., Boston, Mass.
Holmes Co., 109 Kingston St., Boston, Mass.
Keep Mfg. Co., 809 Broadway, New York.
Nonotuck Silk Co., Florence, Mass.

P. WOOLEN UNDERWEAR.
A. H. & C. B. Alling, Derby, Conn.
American Hosiery Co., New Britain, Conn.
Astoronga Knitting Mills, Little Falls, N. Y.
Barron Woolen Mills Co., Barron, Wis.
Dunham Hosiery Co., Naugatuck, Conn.
Dr. Jaeger's Sanitary Woolen System Co., 644 B'way, N. Y.
F. W. Kavanaugh Mfg. Co., Cohoes, N. Y.
Keep Mfg. Co., 809 Broadway, New York.
G. H. McDowell & Co., Cohoes, N. Y.
Medlicott Co., Windsor Locks, Conn.
Northwestern Knitting Co., Minneapolis, Minn.
Radcliffe Bros., Shelton, Conn.
Root Mfg. Co., Cohoes, N. Y.
Slayden-Kirksey Woolen Mills, Inc., Waco, Tex.
Star Knitting Co., Cohoes, N. Y.
Victor Knitting Mills Co., Cohoes, N. Y.

4000. UNIFORMS.
Browning, King & Co., 408 Broome St., New York.
Cairns & Bro., 143 Grand St., New York.
M. C. Lilley & Co., Columbus, O.
Pettibone Bros. Mfg. Co., Cincinnati, O.
John Shillito Co., Cincinnati, O.
Work Bros. & Co., cor. 5th Av. & Jackson Boul., Chicago, Ill.

4001. VESTS.

A. HUNTING VESTS.
Von Lengerke & Detmold, 318 Broadway, New York.

B. LADIES' SILK VESTS.
Clark Fabric Co., Sidney, N. Y.

C. LEATHER VESTS.
H. L. Johnson, Lynn, Mass.

D. LIFE VESTS.
Goodyear Rubber Co., 787 Broadway, New York.

4002. WADING TROUSERS.
Goodyear Rubber Co., 787 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.

4003. WAISTS.
Geo. Frost Co., 551 Tremont St., Boston, Mass.
Randler & Cruikshank, Ogdensburg, N. Y.

A. BRACE WAISTS.
Ferris Bros. Co., 341 Broadway, New York.

B. CHILDREN'S WAISTS.
Bay State Corset Co., Springfield, Mass.
Bowman & Wachtel, Cincinnati, O.
Ferris Bros. Co., 341 Broadway, New York.
Herman & Schneer, 596 Broadway, New York.
Hutchinson, Pierce & Co., 836 Broadway, New York.
Warner Bros. Co., 359 Broadway, New York.

C. CORSET WAISTS.
Benjamin Bros., Newark, N. J.
Cheney Mfg. Co., Portland, Me.
Chicago Corset Co., 402 Broadway, New York.
Coronet Corset Co., Jackson, Mich.
Ferris Bros. Co., 341 Broadway, New York.
Geo. Frost & Co., Boston, Mass.
Warner Bros. Co., Bridgeport, Conn.

D. LADIES' SHIRT WAISTS.
Alto Shirt Co., Cincinnati, O.
American Shirt & Collar Co., Waterford, N. Y.
Bay State Corset Co., Springfield, Mass.
Cheney Mfg. Co., Portland, Me.
Excelsior Underwear Co., 572 Broadway, New York.
Goodstock Mfg. Co., Syracuse, N. Y.
Hutchinson, Pierce & Co., 836 Broadway, New York.
S. L. Munson, Albany, N. Y.
Novelty Tea Gown Co., 117 Prince St., New York.
G. Sidenberg & Co., 49 Mercer St., New York.
Siegel Bros., 65 WoosterSt., New York.
Weil, Haskell & Co., 483 Broadway, New York.
Wheeler & Shiner, Newark, N. J.
Wolfstein & Howitz, 40 Wooster St., New York.

4004. WRAPPERS, LADIES'.
Cheney Mfg. Co., Portland, Me.
Crippen, Reid & Coon, 21 Park St., Saratoga Springs, N. Y.
Myer Gans, Sons & Co., 151 Spring St., New York.
Novelty Tea Gown Co., 117 Prince St., New York.
John Shillito & Co., Cincinnati, O.

4005. WRIST WARMERS.
Chas. Cooper, Bennington, Vt.
La Grange Robe & Tanning Co., La Grange, Ind.
E. B. Sudbury & Co., 343 Broadway, New York.

XLIV. WIRE AND WIRE GOODS.

4006. ARTISTIC WIRE WORK.

Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Woods, Sherwood & Co., Lowell, Mass.

4007. BALE TIES.

W. J. Adam, Joliet, Ill.
Brockner-Evans Bale Tie Co., St. Louis, Mo.
P. K. Dederick's Sons, Albany, N. Y.
W. C. Downey & Co., Springfield, O.
O. K. Harry Steel Works, St. Louis, Mo.
Malin & Co., Cleveland, O.
Trenton Iron Co., Trenton, N. J.
Washburn & Moen Mfg. Co., Worcester, Mass.

A. COTTON TIES.

Wm. Clark, Sons Co., Pittsburg, Pa.
J. Painter & Sons Co., Pittsburg, Pa.
Portage Iron Co., Ltd., Duncansville, Pa.
Riverside Mills, Augusta, Ga.
Union Iron & Steel Co., Youngstown, O.
Washburn & Moen Mfg. Co., Worcester, Mass.

B. CROSS HEAD BALE TIES.

Washburn & Moen Mfg. Co., Worcester, Mass.

4008. BARREL COVERS, WIRE.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Minneapolis Wire & Iron Works, Minneapolis, Minn.

4009. BASKETS, WIRE.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Detroit Fence & Wire Goods Co., Detroit, Mich.
Dow Wire Works Co., Louisville, Ky.

A. CONVERTIBLE WIRE BASKETS.

Cassgreen Mfg. Co., Chicago, Ill.

B. FRYING BASKETS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

C. HANGING BASKETS.

Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Goodwin Bros. Pottery Co., Elmwood, Conn.
National Mfg. Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

D. MILK BOTTLE BASKETS.

Thatcher Mfg. Co., Potsdam, New York.

E. MOSS BASKETS, WIRE.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

F. SPONGE BASKETS, WIRE.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
W. S. Estey, 65 Fulton St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Woods, Sherwood & Co., Lowell, Mass.

4010. BOX STRAPS.

Cary Mfg. Co., 19 Roosevelt St., New York.
Cleveland Hardware Co., Cleveland, O.
Quincy Floor Plate & Staple Mfg. Co., Quincy, Ill.
Tate & Co., Malden, Mass.
Twisted Wire Box Strap Co., 447 Greenwich St., New York.

4011. BRAIDED FENCE WIRE.

Hollow Cable Mfg. Co., Hornellsville, N. Y.

4012. CAGES.

A. BEAR CAGES.

Page Woven Wire Fence Co., Adrian, Mich.

B. BIRD CAGES.

Buhl Stamping Co., Detroit, Mich.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Heinz & Munschauer, Buffalo, N. Y.
Andrew B. Hendryx Co., New Haven, Conn.
O. Lindemann & Co., 81 Beekman St., New York.
John Maxwell, 259 Pearl St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Page Woven Wire Fence Co., Adrian, Mich.

C. CAGE SCREENS & GUARDS.

Andrew B. Hendryx Co., New Haven, Conn.
John Maxwell, 259 Pearl St., New York.

D. MONKEY CAGES.

Page Woven Wire Fence Co., Adrian, Mich.

E. PARROT CAGES.

Andrew B. Hendryx Co., New Haven, Conn.
John C. Jewett Mfg. Co., Buffalo, N. Y.
John Maxwell, 259 Pearl St., New York.

George N. Pierce Co., Buffalo, N. Y.

F. SQUIRREL CAGES.
Andrew B. Hendryx Co., New Haven, Conn.
John C. Jewett Mfg. Co., Buffalo, N. Y.
John Maxwell, 259 Pearl St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Geo. N. Pierce Co., Buffalo, N. Y.

G. WOOD CAGES.
Fred. J. Meyers Mfg. Co., Hamilton, O.

4013. CHAIR BRACES.
Josiah A. Whitman, Providence, R. I.

4014. CLOTHING FORMS.

A. COAT FORMS.
Kimball Mfg. Co., Boston, Mass.

B. COMBINATION FORMS.
Kimball Mfg. Co., Boston, Mass.

C. DRESS FORMS.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Ferris Bros. Co., 341 Broadway, New York.
J. R. Palmenberg's Sons, 710 Broadway, New York.
Thos. B. Taylor, Bridgeport, Conn.
Warren Featherbone Co., Three Oaks, Mich.
Weston & Wells Mfg. Co., 1116 Cherry St., Philadelphia, Pa.

D. EXHIBIT FRAMES.
Andrew B. Hendryx Co., New Haven, Conn.
J. R. Palmenberg's Sons, 710 Broadway, New York.

4015. CLOTH, WIRE.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Bruch & Wire Goods Co., Cincinnati, O.
Buchannan & Bolt Wire Co., Holyoke, Mass.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Henry E. Deane & Co., Worcester, Mass.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
C. O. Jelliff & Co., Southport, Conn.
Kansas City Wire & Iron Works, Kansas City, Mo.
Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Mich. Wire & Iron Works, Detroit, Mich.
New Jersey Wire Cloth Co., Trenton, N. J.
New York Wire Cloth Co., York, Pa.
Nordyke & Marmon Co., Indianapolis, Ind.
Phosphor Bronze Smelting Co.,Ltd.,2200 Wash.Av.,Phila.,Pa.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Scheeler's Sons, Buffalo, N. Y.
Snow Wire Works, Rochester, N. Y.
Stamar & Laffey Wire Co., Harrison, N. J.
W. S. Tyler Wire Works Co., Cleveland, O.
Wickwire Bros., Cortland, N. Y.
G. A. Williams' Sons, 85 Fulton St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

A. BATTERY WIRE CLOTH.
Eastwood Wire Mfg. Co., Belleville, N. J.
Howard & Morse, 45 Fulton St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

B. BOLTING CLOTH.
C. O. Bartlett & Co., Cleveland, O.
Bradford Mill Co., Cincinnati, O.
Case Mfg. Co., Columbus, O.
Clinton Wire Cloth Co., Clinton, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Great Western Mfg. Co., Leavenworth, Kan.
Howard & Morse, 45 Fulton St., New York.
Mich. Wire & Iron Works, Detroit, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

C. BRASS WIRE CLOTH.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
H. & T. McCluskey & Sons, New Haven, Conn.
Mich. Wire & Iron Works, Detroit, Mich.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

D. BRATTICE CLOTH.
Mineralized Rubber Co., 18 Cliff St., New York.

E. COPPER WIRE CLOTH.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.

Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Merritt & Co., 1024 Ridge Av., Philadelphia, Pa.
Mich. Wire & Iron Works, Detroit, Mich.
John A. Roebling's Sons & Co., 117 Liberty St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

F. CRIMPED WIRE CLOTH.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
John A. Roebling's Sons, 117 Liberty St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

G. FRUIT DRYING WIRE CLOTH.
Mich. Wire & Cloth Works, Detroit, Mich.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

H. GALVANIZED WIRE CLOTH.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Mich. Wire & Cloth Works, Detroit, Mich.
John A. Roebling's Sons, 117 Liberty St., New York.
Wickwire Bros., Cortland, N. Y.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

I. HAMMOCK WIRE CLOTH.
I. E. Palmer, Middletown, Conn. *33

J. IRON WIRE CLOTH.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Mich. Wire & Cloth Works, Deroit, Mich.
New York Wire Cloth Co., York, Pa.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Wickwire Bros., Cortland, N. Y.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

K. LATHING WIRE CLOTH.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Mich. Wire & Iron Works, Detroit, Mich.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Trenton Iron Co., Trenton, N. J.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

L. LOCOMOTIVE SPARK WIRE CLOTH.
Clinton Wire Cloth Co., Clinton, Mass.
Howard & Morse, 45 Fulton St., New York.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

M. MALT KILN WIRE CLOTH FLOORS.
Clinton Wire Cloth Co., Clinton, Mass.
Howard & Morse, 45 Fulton St., New York.
Mich. Wire & Cloth Works, Detroit, Mich.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

N. MINING WIRE CLOTH.
Clinton Wire Cloth Co., Clinton, Mass.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Howard & Morse, 45 Fulton St., New York.
Mich. Wire & Iron Works, Detroit, Mich.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

O. PAPER MAKERS' WIRE CLOTH.
Cheney-Bigelow Wire Works, Springfield, Mass.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Howard & Morse, 45 Fulton St., New York.
H. & F. McCluskey & Sons, New Haven, Conn.

P. PHOSPHOR BRONZE WIRE CLOTH.
Howard & Morse, 45 Fulton St., New York.
Phosphor Bronze Smelting Co.,Ltd.,2200 Wash.Av..Phila.,Pa.

Q. RICE WIRE CLOTH.
Clinton Wire Cloth Co., Clinton, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.

	Mich. Wire & Iron Works, Detroit, Mich.
	John A. Roebling's Sons Co., 117 Liberty St., New York.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
R. SCREEN CLOTH.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Mich. Wire & Iron Works, Detroit, Mich.
	I. E. Palmer, Middletown, Conn. *33
S. SCREEN CLOTH, DECORATED.	Clinton Wire Cloth Co., Clinton, Mass.
	I. E. Palmer, Middletown, Conn. *33
T. SMUT WIRE CLOTH.	Clinton Wire Cloth Co., Clinton, Mass.
	Eastwood Wire Mfg. Co., Belleville, N. J.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Howard & Morse, 45 Fulton St., New York.
	John A. Roebling's Sons Co., Trenton, N. J.
U. SPARK WIRE CLOTH.	Clinton Wire Cloth Co., Clinton, Mass.
	Eastwood Wire Mfg. Co., Belleville, N. J.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Howard & Morse, 45 Fulton St., New York.
	Mich. Wire & Iron Works, Detroit, Mich.
	John A. Roebling's Sons Co., 117 Liberty St., New York.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
V. STEEL WIRE CLOTH.	Clinton Wire Cloth Co., Clinton, Mass.
	Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Howard & Morse, 45 Fulton St., New York.
	Mich. Wire & Iron Works, Detroit, Mich.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
W. STRAINER WIRE CLOTH.	Clinton Wire Cloth Co., Clinton, Mass.
	Dewitt Wire Cloth Co., 17 Warren St., New York.
	Eastwood Wire Mfg. Co., Belleville, N. J.
	Mich. Wire & Iron Works, Detroit, Mich.
	National Mfg. Co., Worcester, Mass.
	John A. Roebling's Sons Co., 117 Liberty St., New York.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
X. SUGAR WIRE CLOTH.	Cheney-Bigelow Wire Works, Springfield, Mass.
	Clinton Wire Cloth Co., Clinton, Mass.
	Dewitt Wire Cloth Co., 17 Warren St., New York.
	Eastwood Wire Mfg. Co., Belleville, N. J.
	Howard & Morse, 45 Fulton St., New York.
Y. TANNING MILL WIRE CLOTH.	Clinton Wire Cloth Co., Clinton, Mass.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Howard & Morse, 45 Fulton St., New York.
	Mich. Wire & Cloth Works, Detroit, Mich.
	John A. Roebling's Sons & Co., 117 Liberty St., New York.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
Z. THRESHING MACHINE WIRE CLOTH.	Mich. Wire & Iron Works, Detroit, Mich.
AA. TINNED WIRE CLOTH.	Clinton Wire Cloth Co., Clinton, Mass.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Howard & Morse, 45 Fulton St., New York.
	Mich. Wire & Iron Works, Detroit, Mich.
	New York Wire Cloth Co., York, Pa.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
BB. TWILLED BRASS CLOTH.	Eastwood Wire Mfg. Co., Belleville, N. J.
	Mich. Wire & Iron Works, Detroit, Mich.
CC. WINDOW SCREEN WIRE CLOTH.	Clinton Wire Cloth Co., Clinton, Mass.
	Dewitt Wire Cloth Co., 17 Warren St., New York.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Mich. Wire & Iron Works, Detroit, Mich.
	New York Wire Cloth Co., York, Pa.
	I. E. Palmer, Middletown, Conn. *33
	John A. Roebling's Sons Co., 117 Liberty St., New York.
	Wickwire Bros., Cortland, N. Y.
	Wright & Colton Wire Cloth Co., Worcester, Mass. *29
DD. WIRE CLOTH, IMITATION.	I. E. Palmer, Middletown, Conn. *33

4016. CORDAGE, WIRE.

A. COPPER WIRE ROPE.	Dewitt Wire Cloth Co., 17 Warren St., New York.
	Trenton Iron Co., Trenton, N. J.
	Washburn & Moen Mfg. Co., Worcester, Mass.
B. GALVANIZED WIRE ROPE.	Broderick & Bascom Rope Co., St. Louis, Mo.
	Dewitt Wire Cloth Co., 17 Warren St., New York.
	Hazard Mfg. Co., Wilkes-Barre, Pa.
	A. Leschen & Sons Rope Co., St. Louis, Mo.
	Washburn & Moen Mfg. Co., Worcester, Mass.
C. IRON & STEEL FLAT ROPE.	Hazard Mfg. Co., Wilkes-Barre, Pa.
	A. Leschen & Sons Rope Co., St. Louis, Mo.
	John A. Roebling's Sons Co., 117 Liberty St., New York.

Trenton Iron Co., Trenton, N. J.

D. IRON & STEEL WIRE ROPE.
Broderick & Bascom Rope Co., St. Louis, Mo.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Washburn & Moen Mfg. Co., Worcester, Mass.

E. PHOSPHOR-BRONZE WIRE ROPE.
Phosphor Bronze Smelt. Co., Ltd., 2200 Washn. Av., Phila., Pa.
Washburn & Moen Mfg. Co., Worcester, Mass.

F. SASH CORDS, WIRE.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Ossaman Mills Co., Norwich, Conn.
Phosphor Bronze Smelt. Co., Ltd., 2200 Washn. Av., Phila., Pa.
Washburn & Moen Mfg. Co., Worcester, Mass.

G. STEEL SWITCH ROPES.
Broderick & Bascom Rope Co., St. Louis, Mo.
A. Leschen & Sons Rope Co., St. Louis, Mo.
Washburn & Moen Mfg. Co., Worcester, Mass.

H. STEEL WIRE CABLES.
Hazard Mfg. Co., Wilkes-Barre, Pa.
A. Leschen & Sons Rope Co., St. Louis, Mo.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Trenton Iron Co., Trenton, N. J.
Washburn & Moen Mfg. Co., Worcester, Mass.

I. STREET RAILWAY CABLES.
Hazard Mfg. Co., Wilkes-Barre, Pa.
John A. Roebling's Sons Co., 117 Liberty St., New York.

J. WIRE CABLES.
American Electrical Works, Providence, R. I.
Broderick & Bascom Rope Co., St. Louis, Mo.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Dickson Mfg. Co., Scranton, Pa.
Hazard Mfg. Co., Wilkes-Barre, Pa.
A. Leschen & Sons Rope Co., St. Louis, Mo.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Washburn & Moen Mfg. Co., Worcester, Mass.
Whitten, Jones & Co., Lynn, Mass.

K. WIRE CLOTHES LINE.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Hollow Cable Mfg. Co., Hornellsville, N. Y.
Fred. J. Meyers Mfg. Co., Hamilton, O.
H. P. Nail Co., Cleveland, O.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Washburn & Moen Mfg. Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

L. WIRE CLOTHES LINE, GALVANIZED.
Hazard Mfg. Co., Wilkes-Barre, Pa.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

M. WIRE ROPE.
Broderick & Bascom Rope Co., St. Louis, Mo.
California Wire Works (In liquidation), San Francisco, Cal.
Thomas Carlin's Sons, Allegheny, Pa.
Charter Gas Engine Co., Sterling, Ill.
Contractors' Plant Mfg. Co., 129 Erie St., Buffalo, N. Y.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Jackson Mfg. Co., Harrisburg, Pa.
A. Leschen & Sons, 920 N. Main St., St. Louis, Mo.
Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
Phosphor Bronze Smelt. Co., Ltd., 2200 Washn. Av., Phila., Pa.
Geo. W. Prentiss & Co., Holyoke, Mass.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Trenton Iron Co., Trenton, N. J.
Washburn & Moen Mfg. Co., Worcester, Mass.
Williamsport Wire Rope Co., Williamsport, Pa.
R. H. Wolff & Co., Ltd., 614 E. 118th St., New York.
Worcester Wire Co., Worcester, Mass.

4017. CORN POPPERS.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
C. Cretors & Co., 10 N. Desplaines St., Chicago, Ill.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Quincy Hardware Mfg. Co., Quincy, Ill.
Wickwire Bros., Cortland, N. Y.

4018. EASELS, WIRE.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
National Mfg. Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

4019. ELEVATED ENCLOSURES.
E. T. Barnum, Detroit, Mich.
J. E. Bolles, Detroit, Mich.
Cheney-Bigelow Wire Works, Springfield, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Henry E. Dean & Co., Worcester, Mass.
Donovan Wire & Iron Works, Toledo, O.

Dow Wire Works Co., Louisville, Ky.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hopkins & Co., 198 W. Broadway, New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
Shannon Mfg. Co., 11th & Catharine Sts., Phila., Pa.

4020. FACTORY WIRE GOODS.

American Supply Co., Providence, R. I.
M. S. Brooks & Sons, Chester, Conn.
Brown Bros. & Co., Providence, R. I.
E. Jenckes Mfg. Co., Pawtucket, R. I.
Wire Goods Co., Worcester, Mass.

4021. FLORAL DESIGNS, WIRE.

James Griffith, Cincinnati, O.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.

4022. FLOWER POT STANDS.

E. T. Barnum, Detroit, Mich.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
A. H. Hews & Co., North Cambridge, Mass.
Howard & Morse, 45 Fulton St., New York.
Melville D. Jones & Co., Boston, Mass.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
Stover Mfg. Co., Freeport, Ill.

4023. GARDEN ARCHES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Howard & Morse, 45 Fulton St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.

4024. GARDEN BORDERS.

J. W. Fiske, 39 Park Place, New York.
Howard & Morse, 45 Fulton St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.

4025. GUARDS, WIRE.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Burrowes Co., Portland, Me.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
National Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

A. ASYLUM GUARDS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Cheney-Bigelow Wire Works, Springfield, Mass.
Howard & Morse, 45 Fulton St., New York.

B. CHURCH WINDOW GUARDS.

Howard & Morse, 45 Fulton St., New York.

C. COUNTER GUARDS.

Cheney-Bigelow Wire Works, Springfield, Mass.
Gould-Mersereau Co., 259 Canal St., New York.

D. COUNTER PROTECTORS.

Cheney-Bigelow Wire Works, Springfield, Mass.
Fred. J. Meyers Mfg. Co., Hamilton, O.

E. ELECTRIC LIGHT GUARDS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

F. ELEVATOR GUARDS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Central Expanded Metal Co., Pittsburg, Pa.
Cheney-Bigelow Wire Works, Springfield, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Hopkins & Co., 198 W. Broadway, New York.
Howard & Morse, 45 Fulton St., New York.

G. NURSERY GUARDS.

Cheney-Bigelow Wire Works, Springfield, Mass.
Howard & Morse, 45 Fulton St., New York.

H. OFFICE ENCLOSURES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Cheney-Bigelow Wire Works, Springfield, Mass.

I. SKYLIGHT GUARDS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Cheney-Bigelow Wire Works, Springfield, Mass.
Minneapolis Wire & Iron Works, Minneapolis, Minn.

J. SNOW GUARDS.

Cleveland Wire & Spring Co., Cleveland, O.

K. SPARK ARRESTERS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Byram & Co., Detroit, Mich.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Howard & Morse, 45 Fulton St., New York.
R. R. Howell & Co., Minneapolis, Minn.
K. & W. Co., Pittsfield, Mass.
McLeod, Ward & Co., 27 Thames St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.

Mich. Wire & Iron Works, Detroit, Mich.
South Bend Spark Arrester Co., South Bend, Ind.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

L. STALL GUARDS.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.

M. WHEEL GUARDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

N. WINDOW GUARDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Champion Iron Co., Kenton, O.
Cheney-Bigelow Wire Works, Springfield, Mass.
Henry E. Deane & Co., Worcester, Mass.
Dow Wire Works Co., Louisville, Ky.
J. W. Fiske, 39 Park Pl., New York.
John L. Gaumer Co., 11th & Race Sts., Phila., Pa.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hopkins & Co., 198 W. Broadway, New York.
Jackson Architectural Iron Works, 315 E. 28th St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Minneapolis, Minn.

O. WIRE GUARD ATTACHMENTS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4026. NETTING, WIRE.

Bromwell Brush & Wire Goods Co., Cincinnati, O.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Howard & Morse, 45 Fulton St., New York.
John A. Roebling's Sons, 117 Liberty St., New York.
Sedgwick Wire Fence Co., Richmond, Ind.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

A. GALVANIZED WIRE NETTING.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Sedgwick Wire Fence Co., Richmond, Ind.
Wickwire Bros., Cortland, N. Y.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

B. GLUE WIRE NETTING.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

C. IMITATION WIRE NETTING.
I. E. Palmer, Middletown, Conn. *33

D. POULTRY NETTING.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Detroit Fence & Wire Goods Co., Detroit, Mich.
Excelsior Wire & Poultry Supply Co., 28 Vesey St., N. Y.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

E. STEEL WIRE NETTING.
Cheney-Bigelow Wire Works, Springfield, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

4027. ORANGE & LEMON BOX COVERS.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4028. PICTURE CORD, WIRE.

Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Edwin Gilmore, Easton, Mass.
Andrew B. Hendry Co., New Haven, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Ossawan Mills Co., Norwich, Conn.
Phosphor Bronze Smelting Co., 2200 Wash. Av., Phila., Pa.
Tate & Co., Malden, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.
Washburn & Moen Mfg. Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

4029. POINTED WIRE.

American Screw Co., Providence, R. I.
Atlas Tack Corporation, Taunton, Mass.
Howe Mfg. Co., Derby, Conn.
A. T. Wall & Co., Providence, R. I.
Wire Goods Co., Worcester, Mass.

4030. POULTRY COOPS, WIRE.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
C. W. Costello, Waterboro, Me.
Excelsior Wire & Poultry Supply Co., 28 Vesey St., N. Y.
Fred. J. Meyers Mfg. Co., Hamilton, O.

4031. RAILINGS, WIRE.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Cheney-Bigelow Wire Works, Springfield, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hecla Iron Works, N. 10th & Berry Sts., Brooklyn, N. Y.
Hollow Cable Mfg. Co., Hornellsville, N. Y.
Howard & Morse, 45 Fulton St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Mich. Wire & Iron Works, Detroit, Mich.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
National Mfg. Co., Worcester, Mass.
Pittsburg Brass Co., Pittsburg, Pa.
Variety Iron Works, York, Pa.

A. BRASS RAILINGS.

J. B. Chapman & Co., Springfield, Mass.
Cheney-Bigelow Wire Works, Springfield, Mass.
John L. Gaumer Co., 11th & Race Sts., Philadelphia, Pa.
M. Gould's Son & Co., 64 Reade St., New York.
Howard & Morse, 45 Fulton St., New York.
H. L. Judd & Co., 87 Chambers St., New York.
Norwich Nickel & Brass Co., Norwich, Conn.
Pittsburg Brass Co., Pittsburg, Pa.
Snow Wire Works, Rochester, N. Y.
Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
John Williams, 556 W. 27th St., New York.

B. DESK RAILINGS.

Cheney-Bigelow Wire Works, Springfield, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Kansas City Wire & Iron Works, Kansas City, Mo.

4032. RIDDLES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Burrowes Co., Portland, Me.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
C. O. Jelliff & Co., Southport, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.

A. BRASS RIDDLES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

B. COAL RIDDLES.

Bromwell Brush & Wire Goods Co., Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Fred. J. Meyers Mfg. Co., Hamilton, O.
J. W. Paxson Co., Pier 45, North, Philadelphia, Pa.

C. FARMERS' RIDDLES.

Ludlow-Saylor Wire Co., St. Louis, Mo.

D. FOUNDRY RIDDLES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Cheney-Bigelow Wire Works, Springfield, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
S. Obermayer Co., Cincinnati, O.
J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

E. GALVANIZED RIDDLES.

Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Howard & Morse, 45 Fulton St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

F. GRAIN RIDDLES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.

G. MINERS' RIDDLES.

Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

4033. SCREENS.

Bradley & Hubbard Mfg. Co., Meriden, Conn.
Cheney-Bigelow Wire Works, Springfield, Mass.
C. H. Dempwolf & Co., York, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.

Mich. Wire & Iron Works, Detroit, Mich.
Patent Metallic Weather Strip Co., 74 W. 23d St., New York.
Stedman's Foundry & Mach. Works, Aurora, Ind.
Taylor Iron & Steel Co., High Bridge, N. J.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker & Elliot, Wilmington, Del.

A. ASH SCREENS.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.

B. COAL SCREENS.
Robt. Aitchison Perforated Metal Co.,269 Dearborn,Chic.,Ill.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
A. J. Beckley & Co., Garwood, N. J.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Dickson Mfg. Co., Scranton, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Hopkins & Co., 198 W. Broadway, New York.
Howard & Morse, 45 Fulton St., New York.
C. W. Hunt Co., 45 Broadway, New York.
Jeffrey Mfg. Co., Columbus, O.
C. O. Jelliff & Co., Southport, Conn.
Kenney & Co., Scottdale, Pa.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Mich. Wire & Iron Works, Detroit, Mich.
Minneapolis Wire & Iron Works, Minneapolis, Minn.
J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wickwire Bros., Cortland, N. Y.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

C. COPPER WIRE SCREENS.
Coffin Valve Co., Neponset, Mass.

D. CRUSHER SCREENS.
Mesta Machine Co., Lewis Block, Pittsburg, Pa.

E. DOOR SCREENS.
Atlas Mfg. Co., Danville, Pa.
A. J. Beckley & Co., Garwood, N. J.
Burlington Venetian Blind Co., Burlington, Vt.
E. T. Burrowes & Co., Portland, Me.
Curtis Bros. & Co., Clinton, Iowa.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
J. A. Dubuar Mfg. Co., Northville, Mich.
Huebner Mfg. Co., Detroit, Mich.
New England Metal Screen Co., Boston, Mass.
Porter Screen Mfg. Co., Burlington, Vt.
Queen Anne Screen Co., Burlington, Vt.
S. Roebuck, 172 Fulton St., New York.
E. C. Stearns & Co., Syracuse, N. Y.
Taylor & Boggis Foundry Co., Cleveland, O.
Willer Mfg. Co., Milwaukee, Wis.

F. EXTENSION SCREENS.
Porter Screen Mfg. Co., Burlington, Vt.
Queen Anne Screen Co., Burlington, Vt.

G. FLY SCREENS.
Burlington Venetian Blind Co., Burlington, Vt.
E. T. Burrowes Co., Portland, Me.
Kansas City Wire & Iron Works, Kansas City, Mo.
New England Metal Screen Co., Boston, Mass.
Porter Screen Mfg. Co., Burlington, Vt.
Queen Anne Screen Co., Burlington, Vt.

H. GRAVEL SCREENS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Cheney-Bigelow Wire Works, Springfield, Mass.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Howard & Morse, 45 Fulton St., New York.

I. IRON SCREENS.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Howard & Morse, 45 Fulton St., New York.

J. LIME SCREENS.
Fred. J. Meyers Mfg. Co., Hamilton, O.

K. ORE SCREENS.
Robt. Aitchison Perforated Metal Co., 269 Dearborn,Chic.,Ill.
Clinton Wire Cloth Co., Clinton, Mass.
Fort Scott Foundry & Machine Co., Fort Scott, Kan.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Howard & Morse, 45 Fulton St., New York.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.

Vulcan Iron Works, Wilkes-Barre, Pa.

L. PIPE COIL SCREENS. Jackson Architectural Iron Works, 315 E. 28th St., N. Y.

M. REVOLVING SCREENS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
A. J. Beckley & Co., Garwood, N. J.
Thomas Carlin's Sons, Allegheny, Pa.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walburn-Swenson Co., 944 Monadnock Bldg., Chicago, Ill.

N. SAND SCREENS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Bromwell Brush & Wire Goods Co., Cincinnati, O.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
J. H. Day & Co., Cincinnati, O.
Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hendrick Mfg. Co., Ltd., Carbondale, Pa.
Hopkins & Co., 198 W. Broadway, New York.
Howard & Morse, 45 Fulton St., New York.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.
H. Mueller Mfg. Co., Decatur, Ill.
J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
Whiting Foundry Equipment Co., Harvey, Ill.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

O. STEEL SCREENS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Dickson Mfg. Co., Scranton, Pa.

P. WHITE MORTAR SCREENS. Howard & Morse, 45 Fulton St., New York.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

Q. WINDOW SCREENS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Burlington Venetian Blind Co., Burlington, Vt.
E. T. Burrowes Co., Portland, Me.
Joseph J. Churchyard, 640 Clinton St., Buffalo, N. Y.
Curtis Bros. & Co., Clinton, Iowa.
J. A. Dubuar Mfg. Co., Northville, Mich.
Eagle Machine Co., Lancaster, O.
Higgins Mfg. Co., Newport, Ky.
Hopkins & Co., 198 W. Broadway, New York.
Howard & Morse, 45 Fulton St., New York.
Keenan Bros. Mfg. Co., 184 Washn. St., Chicago, Ill.
Fred. J. Meyers Mfg. Co., Hamilton, O.
New England Metal Screen Co., Boston, Mass.
Patent Metallic Weather Strip Co., 74 W. 23d St., New York.
A. J. Phillips Co., Fenton, Mich.
Porter Screen Mfg. Co., Burlington, Vt.
Queen Anne Screen Co., Burlington, Vt.
S. Roebuck, 172 Fulton St., New York.
E. C. Stearns & Co., Syracuse, N. Y.
Willer Mfg. Co., Milwaukee, Wis.
G. A. Williams' Sons, 85 Fulton St., New York.

R. WIRE PARTITION SCREENS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Burrowes Co., Portland, Me.

4034. SIEVES. Robt. Aitchison Perforated Metal Co., 269 Dearborn, Chic., Ill.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cheney-Bigelow Wire Works, Springfield, Mass.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
Henry E. Deane & Co., Worcester, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hopkins & Co., 198 W. Broadway, New York.
C. O. Jelliff & Co., Southport, Conn.
Geo. W. Lane, Rockford, Ill.
Fred. J. Meyers Mfg. Co., Hamilton, O.

A. COAL SIEVES. Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Wickwire Bros., Cortland, N. Y.

B. DRUGGISTS' SIEVES. Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.

4035. SOAP STANDS, WIRE. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4036. TRELLISES, WIRE. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Cheney-Bigelow Wire Works, Springfield, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton St., New York.
Kansas City Wire & Iron Works, Kansas City, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.

Minneapolis Wire & Iron Works, Minneapolis, Minn.
National Mfg. Co., Worcester, Mass.

4037. WICKETS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.

4038. WIRE.
American Steel & Wire Co., 26 Cortlandt St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Philips, Townsend & Co., N. Pa. Junction, Phila., Pa.
Pittsburg Wire Co., Pittsburg, Pa.
C. C. & E. P. Townsend, New Brighton, Pa.
A. T. Wall & Co., Providence, R. I.

A. ALUMINUM BRONZE WIRE.
Pittsburg Reduction Co., Pittsburg, Pa.
Washburn & Moen Mfg. Co., Worcester, Mass.

B. ALUMINUM WIRE.
Pittsburg Reduction Co., Pittsburg, Pa.
Scovill Mfg. Co., Waterbury, Conn.
A. T. Wall & Co., Providence, R. I.
Washburn & Moen Mfg. Co., Worcester, Mass.

C. ANNEALED WIRE.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

D. ARTIFICIAL FLOWER WIRE.
Ossawan Mills Co., Norwich, Conn.
Tate & Co., Malden, Mass.

E. AWL WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.

F. BALING WIRE.
Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
Illinois Steel Co., The Rookery, Chicago, Ill.
McCosh Co., Burlington, Iowa.
Union Iron & Steel Co., Youngstown, O.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

G. BALL WIRE.
A. T. Wall & Co., Providence, R. I.

H. BAND SAW WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

I. BARB WIRE.
American Steel & Wire Co., 26 Cortlandt St., New York.
Baaches & Co., Pittsburg, Pa.
California Wire Works, San Francisco, Cal.
Cambria Iron Co., Johnstown, Pa.
Cincinnati Barbed Wire Fence Co., Cincinnati, O.
Continental Wire Co., Olive St., St. Louis, Mo.
Dillon-Griswold Wire Co., Sterling, Ill.
Abram Ellwood Mfg. Co., De Kalb, Ill.
Haish Mfg. Co., De Kalb, Ill.
Hartman Mfg. Co., 277 Broadway, New York.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Indiana Wire Fence Co., Crawfordsville, Ind.
Lambert & Bishop, Joliet, Ill.
Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
New Haven Wire Mfg. Co., New Haven, Conn.
Northwestern Barb Wire Co., Sterling, Ill.
Oliver Wire Co., Pittsburg, Pa.
Pittsburg Wire Co., Pittsburg, Pa.
John A. Roebling's Sons Co., 117 Liberty St., New York.
St. Louis Wire & Iron Co., St. Louis, Mo.
Sandwich Mfg. Co., Sandwich, Ill.
Washburn & Moen Mfg. Co., Worcester, Mass.

J. BELT HOOK WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.

K. BENT OR SHAPED WIRE.
Howe Mfg. Co., Derby, Conn.

L. BEVELLED WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.

M. BLIND WIRE.
Worcester Wire Co., Worcester, Mass.

N. BOLT WIRE.
Worcester Wire Co., Worcester, Mass.

O. BONNET WIRE.
New Haven Wire Mfg. Co., New Haven, Conn.
Geo. W. Prentiss & Co., Holyoke, Mass.
Tate & Co., Malden, Mass.
Worcester Wire Co., Worcester, Mass.

P. BOOKBINDERS' WIRE.
J. L. Morrison Co., 60 Duane St., New York.
Geo. W. Prentiss & Co., Holyoke, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.

Q. BOTTLING WIRE.
U. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
New Haven Wire Mfg. Co., New Haven, Conn.
Geo. W. Prentiss & Co., Holyoke, Mass.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

R. BRASS WIRE.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cary Spring Works, 240 W. 29th St., New York.
Coe Brass Mfg. Co., Torrington, Conn.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.

E. D. Griggs, 61 Duane St., New York.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Malin & Co., Cleveland, O.
Manhattan Brass Co., 338 E. 38th St., New York.
H. & F. McCluskey & Sons, New Haven, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Tate & Co., Malden, Mass.
A. T. Wall & Co., Providence, R. I.
Waterbury Brass Co., Waterbury, Conn.

S. BRONZE WIRE.
Charles H. Besley Co., 10 N. Canal St., Chicago, Ill.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Manhattan Brass Co., 338 E. 28th St., New York.

T. BROOM & BRUSH WIRE.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
New Haven Wire Mfg. Co., New Haven, Conn.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

U. BUCKLE WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.

V. CABLE SCREW WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.

W. CARD WIRE.
New Haven Wire Mfg. Co., New Haven, Conn.
Geo. W. Prentiss & Co., Holyoke, Mass.
Pronty Wire Co., Charlton, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

X. CAST STEEL WIRE.
Geo. W. Prentiss & Co., Holyoke, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

Y. CHECK ROWER WIRE.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Fairies Mfg. Co., Decatur, Ill.
New Haven Wire Mfg. Co., New Haven, Conn.
Stevens Mfg. Co., Joliet, Ill.
Worcester Wire Co., Worcester, Mass.

Z. COPPERED WIRE.
American Steel & Wire Co., 26 Cortlandt St., New York.
Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
New Haven Wire Mfg Co., New Haven, Conn.
Oliver Wire Co., Pittsburg, Pa.
Pittsburg Wire Co., Pittsburg, Pa.
Geo. W. Prentiss & Co., Holyoke, Mass.
Trenton Iron Co., Trenton, N. J.
R. H. Wolff & Co., ft. E. 118th St., New York.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

AA. COPPER WIRE.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Ansonia Electrical Co., Ansonia, Conn.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Coe Brass Mfg. Co., Torrington, Conn.
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Dewitt Wire Cloth Co., 17 Warren St., New York.
Eastwood Wire Mfg. Co., Belleville, N. J.
Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
E. D. Griggs, 61 Duane St., New York.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.
Lewisohn Bros., Inc., 81 Fulton St., New York.
Malin & Co., Cleveland, O.
Manhattan Brass Co., 338 E. 28th St., New York.
H. & T. McCluskey & Sons, New Haven, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Rome Brass & Copper Co., Rome. N. Y.
Seymour Mfg. Co., Seymour, Conn.
Tate & Co., Malden, Mass.
Waclark Wire Co., 43 Cedar St., New York.
Washburn & Moen Mfg. Co., Worcester, Mass.
Waterbury Brass Co., Waterbury, Conn.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

BB. CORRUGATED WIRE, BLACK & PAINTED.
Marshallton Iron & Steel Co., Marshallton, Del.

CC. CORSET WIRE.
Ansonia O. & C. Co., Ansonia, Conn.
Robert N. Bassett Co., 85 Leonard St., New York.
New Haven Wire Mfg. Co., New Haven, Conn.

		R. H. Wolff & Co., ft. E. 118th St., New York.
DD.	COVERED WIRE.	Robert N. Bassett Co., 85 Leonard St., New York.
EE.	CRINOLINE WIRE.	James Bowers & Co., Newark, N. J.
		New Haven Wire Mfg. Co., New Haven, Conn.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		R. H. Wolff & Co., ft. E. 118th St., New York.
FF.	CUTTING WIRE.	Worcester Wire Mfg. Co., Worcester, Mass.
GG.	DOUBLE POINTED TACK WIRE.	Worcester Wire Co., Worcester, Mass.
HH.	DRESS STAY WIRE.	New Haven Wire Mfg. Co., New Haven, Conn.
		Thos. P. Taylor, Bridgeport, Conn.
II.	DRILL WIRE.	Washburn & Moen Mfg. Co., Worcester. Mass.
JJ.	FENCE WIRE.	W. J. Adam, Joliet, Ill.
		American Steel & Wire Co., 26 Cortlandt St., New York.
		American Wire Nail Co., Anderson, Ind.
		Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
		Ellwood Wire & Nail Co., De Kalb, Ill.
		Gilbert & Bennett Mfg. Co., Georgetown, Conn.
		Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
		Hazard Mfg. Co., Wilkes-Barre, Pa.
		Hollow Cable Mfg. Co., Hornellsville, N. Y.
		Kokoma Fence Mach. Co., Kokoma, Ind.
		Ludlow-Saylor Wire Co., St. Louis, Mo.
		H. P. Nail Co., Cleveland, O.
		New Haven Wire Mfg. Co., New Haven, Conn.
		John A. Roeblings' Sons Co., 117 Liberty St., New York.
		Salem Wire Nail Co., Salem, O.
		Sedgwick Wire Fence Co., Richmond, Ind.
		Trenton Iron Co., Trenton, N. J.
		Union Fence Co., De Kalb, Ill.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
KK.	FLAT WIRE.	American Steel & Wire Co., 26 Cortlandt St., New York.
		New Haven Wire Mfg. Co., New Haven, Conn.
		Geo. W. Prentiss & Co., Holyoke, Mass.
		A. T. Wall & Co., Providence, R. I.
		Worcester Wire Co., Worcester, Mass.
LL.	FLORISTS' WIRE.	Malin & Co., Cleveland, O.
		Geo. W. Prentiss & Co., Holyoke, Mass.
		Worcester Wire Co., Worcester, Mass.
MM.	FUSE WIRE.	E. A. Williams & Son, 105 Plymouth St., Jersey City, N. J.
NN.	GALVANIZED IRON WIRE.	American Electrical Works, Providence, R. I.
		American Steel & Wire Co., 26 Cortlandt St., New York.
		American Wire Nail Co., Anderson, Ind.
		Gilbert & Bennett Mfg. Co., Georgetown, Conn.
		Matthai, Ingram & Co., Baltimore, Md.
		H. P. Nail Co., Cleveland, O.
		New Haven Wire Mfg. Co., New Haven, Conn.
		Oliver Wire Co., Pittsburg, Pa.
		Pittsburg Wire Co., Pittsburg, Pa.
		Tate & Co., Malden, Mass.
		Trenton Iron Co., Trenton, N. J.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
		Wright & Colton Wire Cloth Co., Worcester, Mass. *29
OO.	GERMAN SILVER WIRE.	Benedict & Burnham Mfg. Co., Waterbury, Conn.
		Bridgeport Brass Co., Bridgeport, Conn.
		Coe Brass Mfg. Co., Torrington, Conn.
		Holmes, Booth & Haydens, Inc., Waterbury, Conn.
		H. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
		Plume & Atwood Mfg. Co., Waterbury, Conn.
		Scovill Mfg. Co., Waterbury, Conn.
		Seymour Mfg. Co., Seymour, Conn.
		Waterbury Brass Co., Waterbury, Conn.
PP.	GOLD FILLED WIRE.	Burden Wire & Supply Co., Providence, R. I.
		Standard Seamless Wire Co., Pawtucket, R. I.
QQ.	GOLD WIRE.	Geo. H. Fuller & Son, Pawtucket, R. I.
		A. T. Wall & Co., Providence, R. I.
		S. S. White Dental Mfg. Co., Chestnut & 12th Sts., Phila., Pa.
RR.	GOLD WIRE, FANCY SHAPED.	A. T. Wall & Co., Providence, R. I.
SS.	GRILL WIRE.	New Haven Wire Mfg. Co., New Haven, Conn.
TT.	GUN SCREW WIRE.	New Haven Wire Mfg. Co., New Haven, Conn.
		Geo. W. Prentiss & Co., Holyoke, Mass.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		S. S. White Dental Mfg. Co., Chestnut & 12th Sts., Phila., Pa.

UU.	HAIR WIRE.	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
		Malin & Co., Cleveland, O.
		Ossawan Mills Co., Norwich, Conn.
		Geo. W. Prentiss & Co., Holyoke, Mass.
		Tate & Co., Malden, Mass.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
VV.	HARNESS WIRE.	Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
WW.	HAT WIRE.	New Haven Wire Mfg. Co., New Haven, Conn.
		Geo. W. Prentiss & Co., Holyoke, Mass.
		Worcester Wire Co., Worcester, Mass.
XX.	HEDDLE WIRE.	Geo. W. Prentiss & Co., Holyoke, Mass.
		Worcester Wire Co., Worcester, Mass.
YY.	HOLLOW WIRE, FANCY.	A. T. Wall & Co., Providence, R. I.
ZZ.	HORSE CARD WIRE.	Geo. W. Prentiss & Co., Holyoke, Mass.
		Washburn & Moen Mfg. Co., Worcester, Mass.
AAA.	IRON WIRE.	American Steel & Wire Co., 26 Cortlandt St., New York.
		Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
		Gilbert & Bennett Mfg. Co., Georgetown, Conn.
		Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
		New Haven Wire Mfg. Co., New Haven, Conn.
		Geo. W. Prentiss & Co., Holyoke, Mass.
		Prouty Wire Co., Charlton, Mass.
		John A. Roebling's Sons Co., 117 Liberty St., New York.
		Shenango Valley Steel Co., New Castle, Pa.
		Spencer Wire Co., Spencer, Mass.
		Trenton Iron Co., Trenton, N. J.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
		Wright & Colton Wire Cloth Co., Worcester, Mass. *29
BBB.	JACK WIRE.	Washburn & Moen Mfg. Co., Worcester, Mass.
CCC.	JEWELERS' WIRE.	J. Briggs & Sons Co., Providence, R. I.
		Geo. H. Fuller & Son, Pawtucket, R. I.
		P. & A. Linton, Providence, R. I.
		A. T. Wall & Co., Providence, R. I.
DDD.	LEAD WIRE.	Chadwick Lead Works, 176 High St., Boston, Mass.
EEE.	LOOM WIRE.	Geo. W. Prentiss & Co., Holyoke, Mass.
		Worcester Wire Co., Worcester, Mass.
FFF.	MACHINERY WIRE.	Geo. W. Prentiss & Co., Holyoke, Mass.
		Washburn & Moen Mfg. Co., Worcester, Mass.
GGG.	MARKET WIRE.	American Wire Nail Co., Anderson, Ind.
		Cambria Iron Co., Johnstown, Pa.
		Hazard Mfg. Co., Wilkes-Barre, Pa.
		H. P. Nail Co., Cleveland, O.
		New Haven Wire Mfg. Co., New Haven, Conn.
		Oliver Wire Co., Pittsburg, Pa.
		Trenton, Iron Co., Trenton, N. J.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
		Wright & Colton Wire Cloth Co., Worcester, Mass. *29
HHH.	MARKET WIRE, BRIGHT.	Pittsburg Wire Co., Pittsburg, Pa.
III.	MARKET WIRE, TINNED.	American Steel & Wire Co., 26 Cortlandt St., New York.
		Wright & Colton Wire Cloth Co., Worcester, Mass. *29
JJJ.	MATTRESS WIRE.	Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
		Wright & Colton Wire Cloth Co., Worcester, Mass. *29
KKK.	MILLINERS' WIRE.	New Haven Wire Mfg. Co., New Haven, Conn.
		Geo. W. Prentiss & Co., Holyoke, Mass.
		Tate & Co., Malden, Mass.
		Worcester Wire Co., Worcester, Mass.
LLL.	NAIL WIRE.	Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
		Washburn & Moen Mfg. Co., Worcester, Mass.
MMM.	NEEDLE WIRE.	Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
		New Haven Wire Mfg. Co., New Haven, Conn.
		Sanderson Bros. Steel Co., Syracuse, N. Y.
		Washburn & Moen Mfg. Co., Worcester, Mass.
		Worcester Wire Co., Worcester, Mass.
NNN.	OVAL WIRE.	Geo. W. Prentiss & Co., Holyoke, Mass.
		Worcester Wire Co., Worcester, Mass.
OOO.	PHOSPHOR BRONZE WIRE.	Phosphor Bronze Smelt. Co., Ltd., 2200 Washn.Av.,Phila.,Pa.
		Washburn & Moen Mfg. Co., Worcester, Mass.
PPP.	PLATED COVERING WIRE.	Geo. W. Prentiss Mfg. Co., Holyoke, Mass.
		Washburn & Moen Mfg. Co., Worcester, Mass.
QQQ.	PLATINUM WIRE.	Baker & Co., Newark, N. J.
		C. F. Croselmire, Newark, N. J.

S. S. White Dental Mfg. Co., Chestnut & 12th Sts., Phila.,Pa.

RRR. RAKE TOOTH WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

SSS. REED WIRE.
Geo. W. Prentiss & Co., Holyoke, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

TTT. RIVET WIRE.
Worcester Wire Co., Worcester, Mass.

UUU. ROLLED PLATED WIRE.
A. T. Wall & Co., Providence, R. I.

VVV. ROPE WIRE.
Geo. W. Prentiss & Co., Holyoke, Mass.

WWW. SCREW WIRE.
Geo. W. Prentiss & Co., Holyoke, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

XXX. SEAMLESS PLATED WIRE.
A. T. Wall & Co., Providence, R. I.

YYY. SILVER WIRE.
Geo. H. Fuller & Son, Pawtucket, R. I.
A. T. Wall & Co., Providence, R. I.
S. S. White Dental Mfg. Co., Chestnut & 12th Sts., Phila.,Pa.
H. M. Williams & Co., Attleboro, Mass.

ZZZ. SPECIAL WIRE.
American Steel & Wire Co., 26 Cortlandt St., New York.
Geo. W. Prentiss & Co., Holyoke, Mass.
Worcester Wire Co., Worcester, Mass.

AAAA. SPOOL WIRE.
Malin & Co., Cleveland, O.
Ossawan Mills Co., Norwich, Conn.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

BBBB. SPRING WIRE.
American Steel & Wire Co., 26 Cortlandt St., New York.
New Haven Wire Mfg. Co., New Haven, Conn.
Geo. W. Prentiss & Co., Holyoke, Mass.
Tate & Co., Malden, Mass.
R. H. Wolff & Co., ft. E. 118th St., New York.
Worcester Wire Co., Worcester, Mass.

CCCC. SPRING WIRE, BRASS.
Ansonia Brass & Copper Co., 19 Cliff St., New York.
Scovill Mfg. Co., Waterbury, Conn.

DDDD. SPRING WIRE, FURNITURE.
Morgan Spring Co., Worcester, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.
R. H. Wolff & Co., ft. E. 118th St., New York.
Worcester Wire Co., Worcester, Mass.

EEEE. SQUARE SPINDLE WIRE.
Geo. W. Prentiss & Co., Holyoke, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

FFFF. STAPLE WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

GGGG. STEEL WIRE.
American Steel & Wire Co., 26 Cortlandt St., New York.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Cary Spring Works, 240 W. 29th St., New York.
W. Crabb & Co., Newark, N. J.
Crescent Steel Co., 480 Pearl St., New York.
Globe Rolling Mill Iron & Steel Co., Cincinnati, O.
Malin & Co., Cleveland, O.
Morgan Spring Co., Worcester, Mass.
New Haven Wire Mfg. Co., New Haven, Conn.
G. W. Prentiss & Co., Holyoke, Mass.
John A. Roebling's Sons Co., 117 Liberty St., New York.
Shenango Valley Steel Co., New Castle, Pa.
Spencer Wire Co., Spencer, Mass.
Trenton Iron Co., Trenton, N. J.
Washburn & Moen Mfg. Co., Worcester, Mass.
R. H. Wolff & Co., Ltd., ft. E. 118th St., New York.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

HHHH. STEEL WIRE, MUSIC.
Cary Spring Works, 240 W. 29th St., New York.
Malin & Co., Cleveland, O.
Washburn & Moen Mfg. Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

IIII. STONE WIRE.
Worcester Wire Co., Worcester, Mass.

JJJJ. STRAIGHTENED & CUT WIRE.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

KKKK. TEDDER WIRE.
Cambria Steel Co., 813 Harrison Bldg., Philadelphia, Pa.
Washburn & Moen Mfg. Co., Worcester, Mass.

LLLL. TEMPERED WIRE.
Cary Spring Works, 240 W. 29th St., New York.
Cleveland Wire & Spring Co., Cleveland, O.
Morgan Spring Co., Worcester, Mass.
New Haven Wire Mfg. Co., New Haven, Conn.
A. T. Wall & Co., Providence, R. I.

MMMM. TINNED WIRE.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Malin & Co., Cleveland, O.
New Haven Wire Mfg. Co., New Haven, Conn.

Oliver Wire Co., Pittsburg, Pa.
Pittsburg Wire Co., Pittsburg, Pa.
Geo. W. Prentiss & Co., Holyoke, Mass.
Tate & Co., Malden, Mass.
Trenton Iron Co., Trenton, N. J.
Worcester Wire Co., Worcester, Mass.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

NNNN. TWIST WIRE.
Continental Wire Co., Olive & 4th Sts., St. Louis, Mo.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
New Haven Wire Mfg. Co., New Haven, Conn.
A. T. Wall & Co., Providence, R. I.

OOOO. UMBRELLA WIRE.
Washburn & Moen Mfg. Co., Worcester, Mass.
Worcester Wire Co., Worcester, Mass.

PPPP. WEAVING WIRE.
New Haven Wire Mfg. Co., New Haven, Conn.
Geo. W. Prentiss & Co., Holyoke, Mass.
Tate & Co., Malden, Mass.
Trenton Iron Co., Trenton, N. J.
Worcester Wire Co., Worcester, Mass.

4039. WIRE GOODS.

Bromwell Brush & Wire Goods Co., Cincinnati, O.
M. S. Brooks & Son, Chester, Conn.
F. A. Chase & Co., Providence, R. I.
Cheney-Bigelow Wire Works, Springfield, Mass.
Cincinnati Mfg. Co., Cincinnati, O.
Henry E. Deane & Co., Worcester, Mass.
Detroit Fence & Wire Goods Co., Detroit, Mich.
Ludlow-Saylor Wire Co., 116 S. 4th St., St. Louis, Mo.
Fred. J. Meyers Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester Mass.
Wire Goods Co., Worcester, Mass.

A. BRIGHT WIRE GOODS.
M. S. Brooks & Son, Chester, Conn.
Brown Bros. & Co., Providence, R. I.
E. Jenckes Mfg. Co., Pawtucket, R. I.
Ossawan Mills Co., Norwich, Conn.
Wire Goods Co., Worcester, Mass.

B. HOUSEHOLD WIRE GOODS.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
National Mfg. Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.
Woods, Sherwood & Co., Lowell, Mass.

C. SPECIAL WIRE GOODS.
M. S. Brooks & Son, Chester Conn.
Henry E. Deane & Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.

D. WHITE LUSTRAL WIRE GOODS.
Woods, Sherwood & Co., Lowell, Mass.

E. WIRE CUSHIONS.
Wright & Colton Wire Cloth Co., Worcester, Mass. *29

F. WIRE GARMENT HANGERS.
M. F. Koenig, Hazleton, Pa.

G. WIRE HANDKERCHIEF BOXES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4040. WIRE ROPE FITTINGS.

Thomas Carlin's Sons, Allegheny, Pa.
Henry H. Harvey, 105 Hight St., Boston, Mass.
A. Leschen & Sons Rope Co., St. Louis, Mo.
Wilcox, Crittenden & Co., Middletown, Conn.

4041. WIRE WORK.

A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
Wm. Cabble Excelsior Wire Mfg. Co., 43 Fulton St., N. Y.
Champion Iron Co., Kenton, O.
Cheney-Bigelow Wire Works, Springfield, Mass.
Clinton Wire Cloth Co., Clinton, Mass.
Thos. Dimond, 128 W. 33d St., New York.
Donovan Wire & Iron Works, Toledo, O.
Gilbert & Bennett Mfg. Co., Georgetown Conn.
Howard & Morse, 45 Fulton St., New York.
Michigan Wire & Iron Works, Detroit, Mich.

A. BUILDERS' WIRE WORK.
E. T. Barnum, Detroit, Mich.
J. E. Bolles Iron & Wire Works, Detroit, Mich.

B. DIAMOND WIRE WORK.
Howard & Morse, 45 Fulton St., New York.

C. ELEVATOR WIRE WORK.
Cheney-Bigelow Wire Works, Springfield, Mass.
Howard & Morse, 45 Fulton St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.

XLV. MISCELLANEOUS.

4042. ACOUSTIC INSTRUMENTS.
H. A. Wales Co., 1414 Masonic Temple, Chicago, Ill.

4043. ADDING & CALCULATING MACHINES.
E. R. Beach, 60 Westside Av., Jersey City, N. J.
Felt & Tarrant Mfg. Co., 52 Illinois St., Chicago, Ill.
Kruse & Murphy Mfg. Co., 457 W. 26th St., New York.
David S. Plumb, Newark, N. J.
Rochester Cash Register Co., Rochester, N. Y.

A. CALCULATING INSTRUMENTS.
Theo. Altender & Sons, 945 Ridge Av., Philadelphia, Pa.

4044. ADVERTISING SPOONS.
Niagara Silver Co., Niagara Falls, N. Y.

4045. AIR DUSTING NOZZLES.
Clayton Air Compressor Works, 26 Cortlandt St., New York.

4046. ALPHABETS & FIGURES.

A. BRASS LETTERS & FIGURES.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Wm. H. Howard, Dayton, O.
Iron Clad Mfg. Co., 22 Cliff St., New York.
New York Stencil Works, 100 Nassau St., New York.
N. Stafford, 66 Fulton St., New York.
Stover Mfg. Co., Freeport, Ill.

B. COPPER LETTERS & FIGURES.
Iron Clad Mfg. Co., 22 Cliff St., New York.

C. ENAMELLED LETTERS & FIGURES.
Caesar Bros., 112 Fulton St., New York.

D. GUMMED PAPER LETTERS & FIGURES.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
National Decalcomania Co., 230 N. 12th St., Phila., Pa.

E. METALLIC PATTERN LETTERS & FIGURES.
E. J. Brooks & Co., 51 Dey St., New York.
S. Obermayer Co., Cincinnati, O.
J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
S. H. Quint & Sons, 15 S. 4th St., Philadelphia, Pa.
St. Louis Electrotype Foundry, St. Louis, Mo.

F. STEEL LETTERS & FIGURES.
E. J. Brooks & Co., 51 Dey St., New York.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Geo. M. Ness, Jr., 61 Fulton St., New York.
New York Stencil Works, 100 Nassau St., New York.
Schwerdth & Siebert, Bridgeport, Conn.

4047. ALUMINUM NOVELTIES.
Aluminum Mfg. Co., Two Rivers, Wis.
Queen Aluminum Co., Cincinnati, O.

4048. ALUMINUM SPECIALTIES.
Bay State Aluminum Co., Quincy, Mass.
Queen Aluminum Co., Cincinnati, O.

4049. ANEMOMETERS.
B. F. Sturtevant Co., Boston, Mass.

4050. ANIMAL FOOD.
Akron Cereal Co., Akron, O.
American Cereal Co., 1341 Monadnock Bldg., Chicago, Ill.
Hudnut Co., Terre Haute, Ind.

4051. ANIMAL MARKS.
F. S. Burch & Co., 178 Michigan St., Chicago, Ill.

4052. ANIMAL POKES.
Eagle Machine Co., Lancaster, O.
Empire Drill Co., Shortsville, N. Y.
Hughes & Smythe, Galena, Ill.
Iowa Farming Tool Co., Fort Madison, Iowa.
Lansing Wheelbarrow Co., Lansing, Mich.
Richard W. Montross, Galien, Mich.

4053. AQUARIUMS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. W. Fiske, 39 Park Pl., New York.
Melville D. Jones & Co., Boston, Mass.
Fred. J. Meyers Mfg. Co., Hamilton, O.

A. AQUARIUM ORNAMENTS.
Jacob C. Cassell, 709 Arch St., Philadelphia, Pa.

4054. ARCHITECTS' INK SLABS.
Monson-Burmah Slate Co., Portland, Me.

4055. ARMOR & WEAPON TROPHIES.
C. A. Schindler, West oboken, N. J.

4056. ARMY CANTEENS.
Troy Stamping Works, Troy, N. Y.

4057. ARTIFICIAL FLOWERS & LEAVES.
Jennie & Lizzie Baxter, 731 Arch St., Philadelphia, Pa.
F. Bianchi & Co., 657 Broadway, New York.
Mrs. L. Bussiere, New Orleans, La.

S. Gerard, 14 Washington Place, New York.
Goldberg Feather & Flower Mfg. Co., 375 Maxwell St., Chic., Ill.
David Henley's Sons, 831 Arch St., Philadelphia, Pa.
Frank Metchert, 187 S. Clark St., Chicago, Ill.
Henry Nelson, 690 Milwaukee Av., Chicago, Ill.
Chas. R. Sejalon, 637 Broadway, New York.
Thos. H. Wood & Co., 649 Broadway, New York.

4058. ARTIFICIAL PLANTS. S. Gerard, 14 Washington Place, New York.
Chas. R. Sejalon, 637 Broadway, New York.

4059. ARTISTS' MATERIALS.

Reilley Bros., 322 W. 41st St., New York.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

A. ACADEMY BOARDS, ARTISTS'. F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

B. AIR BRUSHES. Air Brush Mfg. Co., Rockford, Ill.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.

C. ARTISTS' CANVAS. F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

D. ARTISTS' CASTS. L. Castelvecchi & Co., 143 Grand St., New York.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
C. Hannecke Co., Milwaukee, Wis.

E. ARTISTS' EASELS. Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.

F. ARTISTS' MILL BOARDS. A. H. Abbott & Co., 50 Madison St., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.

G. ARTISTS' PALETTES. Arlington Mfg. Co., 475 Broadway, New York.
E. H. Friedrichs, 140 Sullivan St., New York.
Reilley Bros., 322 W. 41st St., New York.

H. ARTISTS' STRAINERS. Caw's Pen & Ink Co., 168 Broadway, New York.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.

I. ARTISTS' STRETCHERS. Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.

J. ARTISTS' UMBRELLA STAFFS. Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
Sigmund Goldberg, 21 W. 23d St., New York.

K. DRAWING BOARDS. Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.
Novelty Wood Works, Union City, Pa.

L. DRAWING MODELS. A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.

M. ETCHING ACID. John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

N. ETCHING MATERIALS. A. V. Benoit, 148 Fulton St., New York.
John Sellers & Sons, 14 Dey St., New York.
E. W. Sweigard, 56 S. Curtis St., Chicago, Ill.

O. FIXATIVE. F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.

P. GEOMETRICAL MODELS. A. H. Andrews Co., 304 Wabash Av., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.

Q. GOLD & SILVER INK. F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.

R. LIQUID INDIA INK. Carter's Ink Co., Boston, Mass.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Pomeroy Bros., Newark, N. J.

S. OIL SKETCHING PAPER. A. H. Abbott & Co., 50 Madison St., Chicago, Ill.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Eugene Dietzgen Co., 181 Monroe St., Chicago, Ill.
E. H. Friedrichs, 140 Sullivan St., New York.

T. PALETTE CUPS. Newman E. Montross, 1380 Broadway, New York.
Reilley Bros., 322 W. 41st St., New York.

U. PASTEL CANVAS, PAPER & BOARDS. F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

V. WATER COLOR CUPS. A. W. Hews & Co., North Cambridge, Mass.

4060. ART METAL GOODS. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
De Kosenko & Hetherington Mfg. Co., 804 Sansom St., Phila.
J. W. Fiske, 39 Park Pl., New York.
Gorham Mfg. Co., 889 Broadway, New York.
Hecla Iron Works, N. 11th & Berry Sts., Brooklyn, N. Y.
H. L. Judd & Co., 87 Chambers St., New York.
J. & R. Lamb, 59 Carmine St., New York.

Reinhold G. Ledig, 811 Cherry St., Philadelphia, Pa.
Meriden Bronze Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.
Novelty Mfg. Co., Waterbury, Conn.
Reed & Barton Corporation, Taunton, Mass.

A. ART CASTINGS.
Magee Furnace Co., Boston, Mass.
National Brass & Iron Works, Reading, Pa.

B. ARTISTIC BRASS GOODS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Homer D. Bronson Co., Beacon Falls, Conn.
E. J. Hoadley, Hartford, Conn.
Howard & Morse, 45 Fulton St., New York.
Meriden Bronze Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.
Wightman & Co., 21 Waverley Place, New York.

C. ARTISTIC BRONZE GOODS.
Homer D. Bronson Co., Beacon Falls, Conn.
Meriden Bronze Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.

D. ART METAL WORK, ECCLESIASTICAL.
Reinhold G. Ledig, 821 Cherry St., Philadelphia, Pa.

E. BRASS & BRONZE CASTINGS.
Best, Fox & Co., Pittsburg, Pa.
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
Geo. Fischer & Bro., 209 Forsyth St., New York.
Grand Rapids Brass Co., Grand Rapids, Mich.
Lackawanna Lubricating Co., Scranton, Pa.
Meriden Malleable Iron Co., Meriden, Conn.
New Jersey Lamp & Bronze Works, New Brunswick, N. J.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Stover Mfg. Co., Freeport, Ill.
Turner Brass Works, 122 E. Kinzie St., Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.

F. BRONZE FIGURES.
Anchor Silver Plate Co., Oswego, N. Y.
Ansonia Clock Co., 11 Cliff St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
F. Kroeber Clock Co., 360 Broadway, New York.
National Brass & Iron Works, Reading, Pa.

G. BRONZES.
Anchor Silver Plate Co., Oswego, N. Y.
Ansonia Clock Co., 11 Cliff St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Meriden Bronze Co., Meriden, Conn.
Edward Miller & Co., Meriden, Conn.
N. J. Lamp & Bronze Works, New Brunswick, N. J.

H. FANCY BRASS GOODS.
B. Conlan & Co., Newark, N. J.
R. C. Jenkinson & Co., Newark, N. J.
H. L. Judd & Co., 87 Chambers St., New York.
Lane Mfg. Co., Waterbury, Conn.
National Brass & Iron Works, Reading, Pa.
Novelty Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.

I. IRON ART WORK.
J. W. Fiske, 39 Park Place, New York.
Jackson Architectural Iron Works, 315 E. 28th St., N. Y.
Stewart & Mattson Mfg. Co., 2042 N. 10th St., Phila., Pa.

J. IRON BOUQUET HOLDERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Melville D. Jones & Co., Boston, Mass.

K. IRON PLANTS.
Melville D. Jones & Co., Boston, Mass.

4061. ARTOTYPES.
Taber-Prang Art Co., Springfield, Mass.

4062. ASBESTOS HANGINGS.
Asbestos Paper Co., Boston, Mass.
H. W. Johns Mfg. Co., 100 William St., New York.

4063. ASPARAGUS BUNCHERS.
Henry A. Dreer, Philadelphia, Pa.

4064. ASSAY GOODS.
Eimer & Amend, 205 3d Av., New York.
Herman Kohlbusch, 59 Nassau St., New York.

4065. ASTRONOMICAL INSTRUMENTS.
Buff & Berger, 9 Province Court, Boston, Mass.
Alvan Clark & Sons, Cambridge, Mass.
Wm. Gardam & Son, 45 Rose St., New York.
Warner & Swasey, Cleveland, O.

A. ASTRONOMICAL INSTRUMENT LENSES.
Bausch & Lomb Optical Co., Rochester, N. Y.
Alvan Clark & Sons, Cambridge, Mass.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

B. TELESCOPES.
Bausch & Lomb Optical Co., Rochester, N. Y.

Alvan Clark & Sons, Cambridge, Mass.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
Warner & Swasey, Cleveland, O.

C. TELESCOPE STANDS.
Thos. Hall & Son, Boston, Mass.

4066. AWNING POLES.
American Awning & Tent Co., 61 E. 12th St., New York.
W. L. Glidden, 220 Pacific St., Brooklyn, N. Y.
Kerr Bros. & Co., Hicksville, O.

4067. AWNINGS.
John Boyle & Co., 203 Fulton St., New York.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
Detroit Tent & Awning Co., Detroit, Mich.
Dougherty Bros., St. Louis, Mo.
Falls Co., Norwich, Conn.
John B. Gifford, Fall River, Mass.
Hutchings Bros., 31 South St., New York.
Iroquois Bag & Oil Co., Springfield, Mass.
Keystone Farm Mach. Co., Ltd., York, Pa.
F. J. Kloes, 153 Centre St., New York.
John F. McHugh, 54 W. 31st St., New York.
Missouri Tent & Awning Co., St. Louis, Mo.
Murray & Co., 329 S. Canal St., Chicago, Ill.
Neville & Co., San Francisco, Cal.
W. C. Noon Bag Co., Portland, Me.
Roberts Bros. Co., 233 Jackson Boul., Chicago, Ill.
Thorndike Co.'s Warren Cotton Mills, West Warren, Mass.
R. M. Yale & Co., 29 S. Market St., Boston, Mass.

A. BOAT AWNINGS.
Nonpareille Awning Co., Detroit, Mich.

B. IRON AWNINGS.
Cincinnati Corrugating Co., Piqua, O.
Thos. Dimond, 128 W. 33d St., New York.

C. STEEL & GLASS AWNINGS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4068. BACK SCRATCHERS.
F. Grote & Co., 114 E. 14th St., New York.

4069. BADGES.
American Railway Supply Co., 26 Park Pl., New York.
George Carragan, 35 Beekman St., New York.
Robert F. Cooke, 76 Nassau St., New York.
Denver Novelty Work & Mfg. Co., Denver, Col.
S. A. French, 108 W. 28th St., New York.
New York Stencil Works, 100 Nassau St., New York.
Chas. M. Robbins, Attleboro, Mass.
Schwab Stamp & Seal Co., Milwaukee, Wis.
Nelson Stafford, 66 Fulton St., New York.

A. EMBROIDERED BADGES.
American Railway Supply Co., 26 Park Pl., New York.
C. H. Koster, 5 Park Pl., New York.

B. FIREMEN'S BADGES.
Anderson & Jones, 190 Grand St., New York.
Cairns & Bro., 143 Grand St., New York.
Geo. Carragan, 35 Beekman St., New York.
New York Stencil Works, 100 Nassau St., New York.
Whitehead & Hoag Co., Newark, N. J.

C. POLICE BADGES.
American Railway Supply Co., 24 Park Pl., New York.
Chas. M. Robbins, Attleboro, Mass.

D. SILK BADGES.
C. H. Koster, 5 Park Pl., New York.
Torsch & Lee, Baltimore, Md.

E. WOVEN BADGES.
New York Woven Label Mfg. Co., 262 Canal St., New York.

4070. BAG HOLDERS.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
R. R. Howell & Co., Minneapolis, Minn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Nordyke & Marmon Co., Indianapolis, Ind.
Ohio Wringer & Lawn Mower Co., Springfield, O.
Skillin-Richards Mfg. Co., 241 S. Jefferson St., Chicago, Ill.
Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
Samuel C. Tatum Co., Cincinnati, O.

4071. BALLING IRONS.
Covert Mfg. Co., West Troy, N. Y.

4072. BALLOT BOXES.
Fenton Metallic Mfg. Co., Jamestown, N. Y.

4073. BANKERS' CASES, LEATHER.
Boorum & Pease Co., 103 Duane St., New York.

4074. BANNER RODS & STANDS.
American Pin Co., Waterbury, Conn.
N. P. Bowsher Co., South Bend, Ind.
Gould-Mersereau Co., 259 Canal St., New York.
M. Gould's Son Co., Newark, N. J.
J. & R. Lamb, 59 Carmine St., New York.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wm. Wiler, 223 S. 5th St., Philadelphia, Pa.
Woods, Sherwood & Co., Lowell, Mass.

4075. BAROMETERS.
Queen & Co., 1010 Chestnut St., Philadelphia, Pa.
G. Tagliabue, 302 Pearl St., New York.
Chas. J. Tagliabue, 53 Fulton St., New York.

Taylor Bros. Co., Rochester, N. Y.
Watertown Thermometer Co., Watertown, N. Y.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.
Chas. Wilder, Petersboro, N. H.

A. ANEROID BAROMETERS.
Queen & Co., 1010 Chestnut St., Philadelphia, Pa.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.

B. COTTAGE BAROMETERS.
Ernest Goldbacher, 98 Fulton St., New York.

4076. BARROWS.

A. ASH BARROWS.
D. J. C. Arnold, New London, Conn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

B. BAGGAGE BARROWS.
Boston & Lockport Block Co., Boston, Mass.
Buffalo Scale Co., Buffalo, N. Y.
W. J. Clark Co., Salem, O.
Fairbanks Co., 311 Broadway, New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
A. B. Farquhar & Co., York, Pa.
Howe Scale Co. of 1886, Rutland, Vt.
H. N. Hubbard, 18 Cliff St., New York.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Sharon Boiler Works, Sharon, Pa.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Whitman Agricultural Co., St. Louis, Mo.

C. CANAL BARROWS.
American Clay Working Mach. Co., Bucyrus, O.
Ames Plow Co., Boston, Mass.
H. N. Hubbard, 18 Cliff St., New York.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
McWhinnie Wheelbarrow Works, Poughkeepsie, N. Y.
C. & A. Potts & Co., Indianapolis, Ind.

D. CHARGING BARROWS.
Akron Cultivator Co., Akron, O.
Fairbanks Co., 311 Broadway, New York.
Jackson Mfg. Co., Harrisburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Sidney Steel Scraper Co., Sidney, O.

E. COAL & COKE WAGONS.
F. H. Evans, 596 Kent Av., Brooklyn, N. Y.
Jackson Mfg. Co., Harrisburg, Pa.
Kenney & Co., Scottdale, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
G. L. Stuebner, Long Island City, N. Y.

F. COAL BARROWS.
Ames Plow Co., Boston, Mass.
D. J. C. Arnold, New London, Conn.
T. B. Bickerton, 23 N. 6th St., Philadelphia, Pa.
Boyts, Porter & Co., Connellsville, Pa.
P. K. Dedrick's Sons, Albany, N. Y.
F. H. Evans, 596 Kent Av., Brooklyn, N. Y.
Grand Rapids Wheelbarrow Co., Grand Rapids, Mich.
C. W. Hunt Co., 45 Broadway, New York.
Jackson Mfg. Co., Harrisburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
McWhinnie Wheelbarrow Works, Poughkeepsie, N. Y.
Phillips, Doup & Co., Pearl & Water Sts., Brooklyn, N. Y.
Alexander Pollock, 15 Cortlandt St., New York.
Mrs. S. L. Rockwell, Jordan, N. Y.
Sidney Steel Scraper Co., Sidney, O.
Whitman Agricultural Co., St. Louis, Mo.

G. FOUNDRY BARROWS.
W. J. Clark Co., Salem, O.
Howard & Morse, 45 Fulton St., New York.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
S. Obermayer Co., Cincinnati, O.
Sidney Steel Scraper Co., Sidney, O.

H. FURNACE CHARGING BARROWS.
Jackson Mfg. Co., Harrisburg, Pa.
Phillips, Doup & Co., Pearl & Water Sts., Brooklyn, N. Y.

I. GARDEN BARROWS.
Ames Plow Co., Boston, Mass.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
A. B. Farquhar & Co., York, Pa.
Grand Rapids Wheelbarrow Co., Grand Rapids, Mich.
H. N. Hubbard, 18 Cliff St., New York.
Iowa Farming Tool Co., Fort Madison, Iowa.
Keystone Farm Mach. Co., Ltd., York, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
McWhinnie Wheelbarrow Works, Poughkeepsie, N. Y.
Mrs. S. L. Rockwell, Jordan, N. Y.
Sidney Steel Scraper Co., Sidney, O.
Toledo Wheelbarrow Works, Toledo, O.
Union Mfg. Co., Toledo, O.
Whitman Agricultural Co., St. Louis, Mo.

J. IRON BARROWS.	S. Obermayer Co., Cincinnati, O.
	Phillips, Doup & Co., Pearl & Water Sts., Brooklyn, N. Y.
	G. L. Stuebner, Long Island City, N. Y.
K. MORTAR BARROWS.	Grand Rapids Wheelbarrow Co., Grand Rapids, Mich.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	McWhinnie Wheelbarrow Co., Poughkeepsie, N. Y.
	Sidney Steel Scraper Co., Sidney, O.
	Whitman Agricultural Co., St. Louis, Mo.
L. RAILROAD BARROWS.	Grand Rapids Wheelbarrow Co., Grand Rapids, Mich.
	Jackson Mfg. Co., Harrisburg, Pa.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	McWhinnie Wheelbarrow Works, Poughkeepsie, N. Y.
	Mrs. S. L. Rockwell, Jordan, N. Y.
	Sidney Steel Scraper Co., Sidnev, O.
	Toledo Wheelbarrow Works, Toledo, O.
M. STEEL MINING BARROWS.	Jackson Mfg. Co., Harrisburg, Pa.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	McWhinnie Wheelbarrow Works, Poughkeepsie, N. Y.
	Phillips, Doup & Co., Pearl & Water Sts., Brooklyn, N. Y.
N. STEEL TRAY BARROWS.	American Steel Scraper Co., Sidney, O.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Sidney Steel Scraper Co., Sidney, O.
	Toledo Wheelbarrow Works, Toledo, O.
O. STEEL WHEELBARROWS.	Akron Cultivator Co., Akron, O.
	Bryan Mfg. Co., Bryan, O.
	W. J. Clark Co., Salem, O.
	P. K. Dederick's Sons, Albany, N. Y.
	J. W. Fiske, 39 Park Place, New York.
	Jackson Mfg. Co., Harrisburg, Pa.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Standard Mfg. Co., 39 Cortlandt St., New York.
	G. L. Stuebner Iron Works, Long Island City, N. Y.
P. STONE BARROWS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Mrs. S. L. Rockwell, Jordan, N. Y.
	Sidney Steel Scraper Co., Sidney, O.
	Toledo Wheelbarrow Works, Toledo, O.
	Withington & Cooley Mfg. Co., Jackson, Mich.
Q. TAN-BARK BARROWS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
R. THREE WHEEL BARROWS.	Ames Plow Co., Boston, Mass.
	H. N. Hubbard, 18 Cliff St., New York.
S. TILE BARROWS.	D. J. C. Arnold, New London, O.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
T. TUBULAR BARROWS.	American Steel Scraper Co., Sidney, O.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Sidney Steel Scraper Co., Sidney, O.
	Withington & Cooley Mfg. Co., Jackson, Mich.
U. WHEELBARROWS.	Akron Cultivator Co., Akron, O.
	D. J. C. Arnold, New London, O.
	Benicia Agricultural Works, Benicia, Cal.
	Bodley Wagon Co., Staunton, Va.
	John Broderick, Louisville, Ky.
	Bryan Mfg. Co., Bryan, O.
	A. Buch's Sons, Elizabethtown, Pa.
	Chicago Scale Co., 292 Jackson Boul., Chicago, Ill.
	W. J. Clark Co., Salem, O.
	P. K. Dederick's Sons, Albany, N. Y.
	Derby & Ball, Bellows Falls, Vt.
	J. A. Dubuar Mfg. Co., Northville, Mich.
	Fairbanks Co., 311 Broadway, New York.
	Grand Rapids Wheelbarrow Co., Grand Rapids, Mich.
	Jas. L. Haven Co., Cincinnati, O.
	Howard & Morse, 45 Fulton St., New York.
	Keystone Farm Mach. Co., Ltd., York, Pa.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lang & Bro., Farmington, Mo.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Mich. Brick & Tile Mach. Co., Morenci, Mich.
	Paris Mfg. Co., South Paris, Me.
	C. & A. Potts & Co., Indianapolis, Ind.
	Pugsley & Chapman, 8 Liberty St., New York.
	Chas. W. Raymond & Co., Dayton, O.
	Sidney Steel Scraper Co., Sidney, O.
	Geo. W. Thomas & Co., Toledo, O.
	E. W. Walker & Stietz Co., Goshen, Ind.
	Western Wheeled Scraper Co., Aurora, Ill.
	White Hickory Wagon Mfg. Co., Atlanta, Ga.

Withington & Cooley Mfg. Co., Jackson, Mich.

V. WOOD BARROWS.
Ames Plow Co., Boston, Mass.
Bryan Mfg. Co., Bryan, O.
McWhinnie Wheelbarrow Works, Poughkeepsie, N. Y.
Sidney Steel Scraper Co., Sidney, O.
Whitman Agricultural Co., St. Louis, Mo.

4077. BARROW WHEELS.
D. J. C. Arnold, New London, O.
Arnold Metal Wheel Co., New London, O.
Dickson Mfg. Co., Scranton, Pa.
H. N. Hubbard, 18 Cliff St., New York.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Niles & Scott Co., La Porte, Ind.
Weston-Mott Co., Utica, N. Y.

4078. BASKETS.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Balloon Basket Works, Belding, Mich.
Christian Blohm, 265 William St., New York.
Briggs & Walters, Edgerton, O.
Jacob C. Cassel, 709 Arch St., Philadelphia, Pa.
Crane Bros., Westfield, Mass.
C. Fischer & Sons, 729 Girard Av., Philadelphia, Pa.
Freeman & Loomis, Syracuse, N. Y.
John Goebert, 13 N. 2d St., Philadelphia, Pa.
Heath, Morris & Co., New Albany, Ind.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Edward Jansen, 124 W. 19th St., New York.
Abraham Leipzig, 426 Broome St., New York.
A. Meinecke & Son, Milwaukee, Wis.
Chas. Menke, 257 E. 4th St., New York.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Michigan Barrel Co., Grand Rapids, Mich.
Peerless Mfg. Co., Louisville, Ky.
Racine Basket Co., Racine, Wis.
Saginaw Basket Co., Saginaw, Mich.
South Side Mfg. Co., Petersburg, Va.
Woods, Sherwood & Co., Lowell, Mass.

A. CLOTHES BASKETS.
Balloon Basket Works, Belding, Mich.
Abraham Leipzig, 426 Broome St., New York.
A. Meinecke & Son, Milwaukee, Wis.
Racine Basket Co., Racine, Wis.

B. COAL BASKETS.
Balloon Basket Works, Belding, Mich.

C. COTTON BASKETS.
Balloon Basket Works, Belding, Mich.
Racine Basket Co., Racine, Wis.

D. DESK BASKETS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

E. EGG BASKETS.
Charles McClave, New London, O.

F. FANCY BASKETS.
Edward Jansen, 124 W. 19th St., New York.

G. FARM BASKETS.
Balloon Basket Works, Belding, Mich.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Racine Basket Co., Racine, Wis.

H. FIBRE BASKETS.
Delaware Hard Fibre Co., Wilmington, Del.

I. FRUIT BASKETS.
Anderson-Tully Co., Benton Harbor, Mich.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Berlin Fruit Box Co., Berlin Heights, O.
Heath, Morris & Co., New Albany, Ind.
Edward Jansen, 124 W. 19th St., New York.
Michigan Barrel Co., Grand Rapids, Mich.
Saginaw Basket Co., Saginaw, Mich.
Sayre Butter Package Co., Waverly, N. Y.
South Side Mfg. Co., Petersburg, Va.
Ward-Kent Co., Greenfield, Tenn.

J. GALVANIZED STEEL BASKETS.
A. L. Adams Mfg. Co., Cedar Rapids, Iowa.

K. HANGING BASKETS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Pittsburg Clay Mfg. Co., New Brighton, Pa.

L. LAUNDRY BASKETS.
Balloon Basket Works, Belding, Mich.
Crane Bros., Westfield, Mass.
A. Meinecke & Son, Milwaukee, Wis.

M. LUNCH BASKETS.
Balloon Basket Works, Belding, Mich.
Abraham Leipzig, 426 Broome St., New York.
Racine Basket Co., Racine, Wis.

N. MARKET BASKETS.
Balloon Basket Works, Belding, Mich.
Heath, Morris & Co., New Albany, Ind.
Racine Basket Co., Racine, Wis.
Saginaw Basket Co., Saginaw, Mich.
Sayre Butter Package Co., Waverly, N. Y.

O. OAK STAVE BASKETS.
Oak Harbor Basket Co., Oak Harbor, O.
Charles Zinn & Co., 138 Grand St., New York.

P. PERFUMERY BASKETS.	Edward Jansen, 124 W. 19th St., New York.
Q. POWDER BASKETS, LINENOID.	Crane Bros., Westfield, Mass.
R. RATTAN BASKETS.	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Racine Basket Co., Racine, Wis.
	Whitney Reed Chair Co., Leominster, Mass.
S. SATCHEL BASKETS.	Saginaw Basket Co., Saginaw, Mich.
T. SPLINT BASKETS.	Anderson-Tully Co., Benton Harbor, Mich.
	Racine Basket Co., Racine, Wis.
U. WASTE PAPER BASKETS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
	Balloon Basket Works, Belding, Mich.
	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Crane Bros., Westfield, Mass.
	W. S. Estey, 71 Fulton St., New York.
	Heywood Bros. & Wakefield Co., Gardner, Mass.
	A. Meinecke & Son, Milwaukee, Wis.
	Racine Basket Co., Racine, Wis.
V. WILLOW BASKETS.	Freeman & Loomis, Syracuse, N. Y.
	Charles Zinn & Co., 138 Grand St., New York.
W. WIRE BASKETS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	Woods, Sherwood & Co., Lowell, Mass.
X. WORK BASKETS.	Heywood Bros. & Wakefield Co., Gardner, Mass.
	Chas. Zinn & Co., 138 Grand St., New York.
4079. BATONS, CONDUCTORS' & DRUM MAJORS'.	
	George Cloos, 39 Stagg St., Brooklyn, N. Y.
4080. BAYONETS.	Ames Sword Co., Chicopee, Mass.
4081. BEATERS, RAILROAD CUSHION.	
	Planet Mfg. Co., Springfield, Mass.
4082. BED WARMERS.	Aldrich & Ray Mfg. Co., Buffalo, N. Y.
4083. BELAYING PINS.	Boston & Lockport Block Co., Boston, Mass.
	J. A. Dubuar Mfg. Co., Northville, Mich.
	Chas. N. Hicks, 114 Avenue D, New York.
	Thos. Laughlin Co., Portland, Me.
4084. BEVERAGE MIXERS & SHAKERS.	
	Erie Specialty Co., Erie, Pa.
4085. BILLIARD TABLE COVERS.	
	Brunswick-Balk-Collender Co., 860 Broadway, New York.
	Goodyear Rubber Co., 787 Broadway, New York.
4086. BINNACLES.	Robt. Merrill's Sons, 110 Wall St., New York.
4087. BIOLOGICAL APPARATUS.	
	Chicago Laboratory S. & S. Co., 31 W.Randolph St.,Chic.,Ill.
4088. BIRD CAGE SPECIALTIES.	
	Buhl Stamping Co., Detroit, Mich.
	Andrew B. Hendryx Co., New Haven, Conn.
	U. T. Hungerford Brass & Copper Co., 121 Worth St., N. Y.
	John C. Jewett Mfg. Co., Buffalo, N. Y.
4089. BIRD FOOD.	Albert Dickinson Co., 125 Kinzie St., Chicago, Ill.
	Alex. McAllister, 21 Fulton St., New York.
	F. C. Sturtevant, Hartford, Conn.
4090. BLOOD MEAL.	F. S. Burch Co., 178 Michigan St., Chicago, Ill.
4091. BLUING.	German Yeast & Baking Powder Co., Omaha, Neb.
	World Refining Co., Easton, Pa.
A. DRY BLUING.	Adler Color & Chemical Co., Maiden La. & Pearl St., N. Y.
	Carter's Ink Co., Boston, Mass.
	D. F. Tiemann & Co., 140 W. Broadway, New York.
	John C. Wiarda & Co., 273 Greene St., Brooklyn, N. Y.
B. LAUNDRY BLUING.	Adler Color & Chemical Works, New York.
	Carter's Ink Co., Boston, Mass.
	Chamberlin & Johnson. Allegheny, Pa.
	Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
	Diamond, McDonnell & Co., 409 N. 9th St., Phila., Pa.
	Donnell Mfg. Co., St. Louis, Mo.
	Estate of Aaron Davis, Cropseyville, N. Y.
	Frank Finch, Clyde, N. Y.
	Handy Package Dye Co., Massena, N. Y.
	Hart Mfg. Co., Troy, N. Y.
	Heller & Merz Co., 55 Maiden Lane, New York.
	Frank Miller Co., 349 W. 26th St., New York.
	Geo. A. Moss, 167 Reade St., New York.
	Sawyer Crystal Blue Co., Boston, Mass.
	Alden Speare's Sons Co., Boston, Mass.
	L. H. Thomas & Co., 227 Fulton St., Chicago, Ill.
	D. F. Tiemann & Co., 140 W. Broadway, New York.
	F. A. Woodmansee, Cincinnati, O.
C. LIQUID BLUING.	Carter's Ink Co., Boston, Mass.

Chamberlin & Johnson, Allegheny, Pa.
Hart Mfg. Co., Troy, N. Y.
Sawyer Crystal Blue Co., Boston, Mass.

D. SHEET BLUING.
Carter's Ink Co., Boston, Mass.
Harrison Mfg. Co., Rahway, N. J.
Longman & Martinez, 207 Pearl St., New York.

4092. BOARD MEASURES.
H. Chapin's Sons Co., Pine Meadow, Conn.

4093. BOAT & SAIL COVERS.
John F. McHugh, 54 W. 31st St., New York.
A. J. Tower, Boston, Mass.

4094. BOAT FITTINGS.
Detroit Boat Works, Detroit, Mich.
Thos. Laughlin Co., Portland, Me.
J. H. Rushton, Canton, N. Y.
Shook-Anderson Mfg. Co., Inc., Pittsburg, Pa.
Wilcox, Crittenden & Co., Middletown, Conn.

A. AUTOMATIC CENTER BOARDS.
J. W. Gibb & Co., 419 Royal Ins. Bldg., Chicago, Ill.

B. BOAT RAILING.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

C. THOLE PINS.
Piqua Handle & Mfg. Co., Piqua, O.

4095. BOMB LANCES.
Eben Pierce, New Bedford, Mass.

4096. BONE GOODS.
A. F. Bannister & Co., Newark, N. J.
C. J. Bates, Chester, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Thos. P. Taylor, Bridgeport, Conn.

4097. BOOK MAILING CORNERS.
Logan, Wright & Logan, Worcester, Mass.
Weaver Mailing E. & B. Co., 315 Race St., Phila., Pa.

4098. BOOK SUPPORTS, BOOKKEEPERS'.
Westcott-Jewell Co., Seneca Falls, N. Y.

A. BOOKKEEPERS' ARM RESTS.
Westcott-Jewell Co., Seneca Falls, N. Y.

4099. BOOT & SHOE TREES.
Ball, Dayton & Co., Albany, N. Y.
George E. Belcher, Stoughton, Mass.
Brockton Last Co., Brockton, Mass.
Buffalo Last Works, Buffalo, N. Y.
O. A. Miller, Brockton, Mass.
Geoffry J. Olden, 82 W. Broadway, New York.
Parrett Last Works, 23 Spring St., New York.

A. ALUMINUM BOOT TREES.
Metal Last & Tree Co., Boston, Mass.

4100. BOOT JACKS.
Buffalo Last Works, Buffalo, N. Y.
Chalfant Mfg. Co., Atglen, Pa.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
Ripley Mfg. Co., Unionville, Conn.
Louis Sacks, Newark, N. J.
Union Mfg. Co., Toledo, O.
Frank W. Whitcher & Co., Boston, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

4101. BOTANICAL COLLECTING CASES & ACCESSORIES.
Thos. Hall & Sons, Boston, Mass.

4102. BOTTLE OPENERS.
Reed Mfg. Co., Erie, Pa.

4103. BOTTLE STOPPERS.
Aetna Stopper Co., Pawtucket, R. I.
Hero Fruit Jar Co., Gaul & Adams Sts., Phila., Pa.
W. H. Hutchinson & Son, 198 S. Desplaines St., Chic., Ill.
Karl Hutter, 34 Reade St., New York.
Manning, Bowman & Co., Meriden, Conn.
Perfection Bottle Stopper Co., 315 Wabash Av., Chicago, Ill.
Henry W. Putnam, 108 Chambers St., New York.
Traut & Hine Mfg. Co., New Britain, Conn.
S. Twitchell Co., 225 Vine St., Philadelphia, Pa.

4104. BOX-CORNER BRACES.
Wheeling Hinge Co., Wheeling, W. Va.

4105. BRASS KNUCKLES.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

4106. BRITANNIA WARE.
L. Boardman & Son, East Haddam, Conn.
Homan Silver Plate Co., Cincinnati, O.
International Silver Co., Meriden, Conn.
Knickerbocker Silver Co., Port Jervis, N. Y.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Manhattan Silver Plate Co., Lyons, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Middletown Plate Co., Middletown, Conn.
G. I. Mix & Co., Yalesville, Conn.
Simpson, Hall, Miller & Co., Wallingford, Conn.

4107. BUCKETS & PAILS.
Edward P. Allis Co., Milwaukee, Wis.
Bellaire Stamping Co., Harvey, Ill.
Cordley & Hayes, 172 Duane St., New York.

Fraser & Chalmers, Union & Fulton Sts., Chicago, Ill.
Jeffrey Mfg. Co., Columbus, O.
John Pfeifer & Co., Ltd., 222 Race St., Philadelphia, Pa.
Reilley Bros., 322 W. 41st St., New York.

A. CEDAR PAILS. Richmond Cedar Works, Ltd., Richmond, Va.

B. DECK & YACHT BUCKETS. Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Union Mfg. Co., Toledo, O.

C. FACTORY BUCKETS. W. J. Clark Co., Salem, O.
Dover Stamping Co., Boston, Mass.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
St. Louis Stamping Co., St. Louis, Mo.

D. FIRE BUCKETS, GALVANIZED. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Dover Stamping Co., Boston, Mass.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Sidney Shepard & Co., Buffalo, N. Y.

E. FIRE BUCKETS, PAPER. Cordley & Hayes, 172 Duane St., New York.
Jennings Bros., Fairfield, Conn.

F. FIRE BUCKETS, RUBBER. Goodyear Rubber Co., 787 Broadway, New York.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., N. Y.
Hodgman Rubber Co., 595 Broadway, New York.

G. HORSE PAILS. Richmond Cedar Works, Ltd., Richmond, Va.
Union Mfg. Co., Toledo, O.

H. MORTAR PAILS. Iron Clad Mfg. Co., 22 Cliff St., New York.
J. W. Lovering, Sandown, N. H.

I. PINE PAILS. Beaver Mills, Keene, N. H.

J. SAP BUCKETS. Chas. Miller & Son, Utica, N. Y.
C. C. Post, Burlington, Vt.
Record Mfg. Co., Conneaut, O.

K. SUGAR BUCKETS. Impervious Package Co., Keene, N. H.
Kilbourn & Co., Sandusky, O.

L. WELL BUCKETS. Iron Clad Mfg. Co., 22 Cliff St., New York.
J. W. Lovering, Sandown, N. H.
Richmond Cedar Works, Ltd., Richmond, Va.

M. WOOD PAILS. Crandall & Godley Co., 157 Franklin St., New York.
Menasha Woodenware Co., Menasha, Wis.

4108. BULLETIN & GROCERS' BOARDS.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

4109. BUNGS.
Armstrong Cork Co., Pittsburg, Pa.
Hugo Cahn & Co., 67 Murray St., New York.
Stephen Kampf, Albany, N. Y.
Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
Portland Cooperage Co., Portland, Me.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
John Sommer's Son, Newark, N. J.
Standard Turning Works, Cambridgeport, Mass.
U. S. Bung Mfg. Co., 48 S. 2d St., Brooklyn, N. Y.
Valentine Uhrig, Louisville, Ky.

4110. BUNG SPOUTS. F. C. Wilson & Co., 239 Lake St., Chicago, Ill.

4111. BUOYS, MARINE. Armstrong Cork Co., Pittsburg, Pa.

4112. BUREAU SCARFS. Francis A. Bruner, Unity & Leiper Sts., Philadelphia, Pa.
Robert Lewis, Richmond & Brill Sts., Philadelphia, Pa.

4113. BUTTON DETACHERS.
Trojan Button Fastener Co., Inc., Troy, N. Y.

4114. BUTTON FASTENERS.
Alsdorf & Holmes, 518 Broad St., Newark, N. J.
American Pin Co., Waterbury, Conn.
Heaton Peninsular Mfg. Co., Providence, R. I.
Hosmer, Codding & Co., 33 Federal St., Boston, Mass.
Trojan Button Fastener Co., Inc., Troy, N. Y.

4115. BUTTON HOLE CUTTERS.
Kraeuter Co., Newark, N. J.
John W. Lufkin, Boston, Mass.
Sewing Machine Supplies Co., Boston, Mass.
Singer Mfg. Co., 561 Broadway, New York.

4116. BUTTONS. Theodore W. Foster, Providence, R. I.
Metal Stamping Co., 386 W. Broadway, New York.
Saugatuck Mfg. Co., Saugatuck, Conn.

A. AUTOMATIC BUTTONS. L. C. White Co., Waterbury, Conn.

B. BRAID BUTTONS. Castle Braid Co., 556 Broadway, New York.

C. BRASS BUTTONS. Boston Button Co., Boston, Mass.
Cheshire Mfg. Co., Cheshire, Conn.
Lane Mfg. Co., Waterbury, Conn.
New York Button Works, 254 Canal St., New York.
Platt Bros. Co., Inc., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.

	Waterbury Button Co., Waterbury, Conn.
D. BUTTON BACKS.	Luther C. White Co., Waterbury, Conn.
E. BUTTON EYES.	American Pin Co., Waterbury, Conn.
	Lane Mfg. Co., Waterbury, Conn.
	Augustus Phelps, Newark, N. J.
	Rogers & Hubbard Co., Middletown, Conn.
	Steele & Johnson Mfg. Co., Waterbury, Conn.
	L. C. White Co., Waterbury, Conn.
F. BUTTON MOULDS.	Atwood, Crawford Co., Pawtucket, R. I.
	Hill Bros. & Co., Williamsburg, Mass.
G. CLOTH BUTTONS.	Boston Button Co., Boston, Mass.
	Lane Mfg. Co., Waterbury, Conn.
	New York Button Works, 254 Canal St., New York.
	Scovill Mfg. Co., Waterbury, Conn.
	L. C. White Co., Waterbury, Conn.
H. COMPOSITION BUTTONS.	Scovill Mfg. Co., Waterbury, Conn.
	Waterbury Button Co., Waterbury, Conn.
I. COVERED BUTTONS.	Boston Button Co., Boston, Mass.
	City Button Works, 468 W. Broadway, New York.
	Frank & Co., 28 W. Houston St., New York.
	German-American Button Co., 211 Jackson Boul., Chic., Ill.
	Lane Mfg. Co., Waterbury, Conn.
	Newell Bros. Mfg. Co., Springfield, Mass.
	New York Button Works, 254 Canal St., New York.
	Scranton Button Co., Ltd., Scranton, Pa.
	Selig & Kaufmann Co., Inc., 133 N. 7th St., Philadelphia, Pa.
	Standard Button Works, Newark, N. J.
	Waterbury Button Co., Waterbury, Conn.
J. CROCHET BUTTONS.	Boston Button Co., Boston, Mass.
	City Button Works, 468 W. Broadway, New York.
K. DRESS & CLOAK BUTTONS.	Banister Co., Providence, R. I.
	Boston Button Co., Boston, Mass.
	A. S. Ellison & Co., 105 Greene St., New York.
	Lane Mfg. Co., Waterbury, Conn.
	Novelty Pearl Co., Providence, R. I.
	Scovill Mfg. Co., Waterbury, Conn.
	Standard Button Works, Newark, N. J.
	Waterbury Button Co., Waterbury, Conn.
L. ENGRAVED BUTTONS.	Lane Mfg. Co., Waterbury, Conn.
	New York Button Works, 255 Canal St., New York.
	Scovill Mfg. Co., Waterbury, Conn.
	Steele & Johnson Mfg. Co., Waterbury, Conn.
M. GLASS BUTTONS.	John Kannofsky, 369 Canal St., New York.
N. GLOVE BUTTONS.	Patent Button Co., Waterbury, Conn.
O. GLOVE BUTTONS, ADVERTISING.	A. N. Clark & Son, Plainville, Conn.
P. HAND SNAP BUTTONS.	J. P. Noyes & Co., Binghamton, N. Y.
Q. HORN BUTTONS.	W. D. Earl & Co., Leominster, Mass.
R. IVORY BUTTONS.	Empire Ivory Button Works, 645 Broadway, New York.
	Frank & Co., 28 W. Houston St., New York.
	German-American Button Co., Rochester, N. Y.
	Pratt, Read & Co., Deep River, Conn.
	Scranton Button Co., Ltd., Scranton, Pa.
	John Sommer's Son, Newark, N. J.
S. JET BUTTONS.	John A. Deknatel, 24 Howard St., New York.
T. LAPEL BUTTONS.	New England Pearl Co., 41 Clifford St., Providence, R. I.
	E. R. Stockwell, 180 Broadway, New York.
U. LASTING BUTTONS.	New York Button Works, 254 Canal St., New York.
	Waterbury Button Co., Waterbury, Conn.
V. METAL BUTTONS.	Banister Co., Providence, R. I.
	Boston Button Co., Boston, Mass.
	Cheshire Mfg. Co., Cheshire, Conn.
	City Button Works, Inc., 468 W. Broadway, New York.
	B. Conlan & Co., Newark, N. J.
	Lane Mfg. Co., Waterbury, Conn.
	Platt Bros. & Co., Inc., Waterbury, Conn.
	Scovill Mfg. Co., Waterbury, Conn.
	Steele & Johnson Mfg. Co., Waterbury, Conn.
	Waterbury Button Co., Waterbury, Conn.
W. MILITARY BUTTONS.	S. A. French, 108 W. 28th St., New York.
	Lane Mfg. Co., Waterbury, Conn.
	New York Button Works, 254 Canal St., New York.
	Scovill Mfg. Co., Waterbury, Conn.
	Shannon, Miller & Crane, 78 5th Av., New York.
	Steele & Johnson Mfg. Co., Waterbury, Conn.
	Waterbury Button Co., Waterbury, Conn.

X. PATENT BUTTONS.	American Specialty Mfg. Co., Hartford, Conn.
	Schott Bros., 434 E. 71st St., New York.
Y. PEARL BUTTONS.	American Pearl Button Mfg. Co., 215 S. Clinton St., Chic., Ill.
	Chas. Blakeman, Newark, N. J.
	Feddersen & Feldmeyer, Newark, N. J.
	Jacob Hoffman & Son, 217 New St., Philadelphia, Pa.
	E. Huebner & Sons, Newark, N. J.
	Edward C. Miles, 58 N. 4th St., Philadelphia, Pa.
	Newell Bros. Mfg. Co., Springfield, Mass.
	Novelty Pearl Co., Providence, R. I.
	Frederick Schoen, 2600 N. 6th St., Philadelphia, Pa.
	Henry E. Smith, Newark, N. J.
	Union Pearl Works, 9 Bond St., New York.
Z. RUBBER BUTTONS.	India Rubber Comb Co., 9 Mercer St., New York.
	Mechanical Rubber Co., 22 Murray St., New York.
	Patent Button Co., Waterbury, Conn.
AA. SELF-AFFIXING BUTTONS.	Scovill Mfg. Co., Waterbury, Conn.
BB. SHELL BUTTONS.	Estate of Josiah Proctor, Northboro, Mass.
CC. SILK BUTTONS.	Scovill Mfg. Co., Waterbury, Conn.
DD. SILVER BUTTONS.	Lane Mfg. Co., Waterbury, Conn.
	Scovill Mfg. Co., Waterbury, Conn.
	Steele & Johnson Mfg. Co., Waterbury, Conn.
EE. SLEEVE BUTTONS.	Krementz & Co., 49 Chestnut St., Newark, N. J.
FF. TIN FACED BUTTONS.	Hill Bros. & Co., Williamsburg, Mass.
	Lane Mfg. Co., Waterbury, Conn.
	Scovill Mfg. Co., Waterbury, Conn.
GG. TROUSERS BUTTONS.	Lane Mfg. Co., Waterbury, Conn.
	Patent Button Co., Waterbury, Conn.
	Platt Bros. & Co., Inc., Waterbury, Conn.
	Scovill Mfg. Co., Waterbury, Conn.
HH. TROUSERS BUTTONS, PATENT.	Hill Bros. & Co., Williamsburg, Mass.
	Lane Mfg. Co., Waterbury, Conn.
	New England Novelty Mfg. Co., Boston, Mass.
	Platt Bros. & Co., Inc., Waterbury, Conn.
	Scovill Mfg. Co., Waterbury, Conn.
II. VEGETABLE IVORY BUTTONS.	Newell Bros. Mfg. Co., Springfield, Mass.
JJ. WOOD BUTTONS.	John Sommer's Son, Newark, N. J.
4117. BUTTON WIRE LOOPS.	
	American Buckle Co., West Haven, Conn.
4118. CACHOUS.	Henry Thayer & Co., Cambridgeport, Mass.
4119. CAKE ORNAMENTS & TRIMMINGS.	
	Shevill, Bowlley & Shevill Co., 46 Dey St., New York.
4120. CALF WEANERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Landers, Frary & Clark, New Britain, Conn.
4121. CAMP COOKING OUTFITS.	
	Hill, Whitney & Wood Co., Boston, Mass.
	Pratt Mfg. Co., 167 Wooster St., New York.
4122. CANDY & CONFECTIONERY.	
	American Caramel Co., 40 E. Allen St., Philadelphia, Pa.
	Chas. S. Baker & Co., 59 Dearborn St., Chicago, Ill.
	J. H. Barker & Co., 89 Bedford Av., Brooklyn, N. Y.
	Blanks & Bro. Candy Co., St. Louis, Mo.
	Frank E. Block Co., Atlanta, Ga.
	A. H. Brummell, 408 Grand St., New York.
	Bunte Bros. & Spoehr, 139 W. Monroe St., Chicago, Ill.
	Burt & Sindele, Buffalo, N. Y.
	Candy Bros. Mfg. Co., St. Louis, Mo.
	Caswell, Massey & Co., 202 5th Av., New York.
	Chase & Co., Inc., 347 Congress St., Boston, Mass.
	J. C. H. Claussen & Co., Charleston, S. C.
	Croft & Allen Co., Market & S. 33d Sts., Philadelphia, Pa.
	Darby Mfg. Co., Baltimore, Md.
	W. F. Day & Bro., Newark, N. J.
	Dryden & Palmer, 87 Bedford Av., Brooklyn, N. Y.
	P. Echert Co., Cincinnati, O.
	Flohr & Walter Candy Co., St. Louis, Mo.
	Fobes, Hayward & Co., Boston, Mass.
	L. A. Grade, San Francisco, Cal.
	Cyrus H. Green, Westchester, New York.
	E. Greenfield's Son & Co., 44 Barclay St., New York.
	Hanselman Candy Co., Kalamazoo, Mich.
	D. M. Hazen Co., Cambridgeport, Mass.
	Henry Heide, 84 Vandam St., New York.
	Gustave Helmstetter, 554 Broome St., New York.

Hewett Candy Co., Denver, Col.
E. J. Hoadley, Hartford, Conn.
Jos. H. Huber, Lancaster, Pa.
Huyler's, Inc., 64 Irving Pl., New York.
Alfred Jewell, 262 Grand St., New York.
Kibbe Bros. Co., Springfield, Mass.
John Kranz, 74 Randolph St., Chicago, Ill.
Lancaster Caramel Co., Lancaster, Pa.
Wm. Lang & Son, 323 S. Lawrence St., Philadelphia, Pa.
Walter M. Lowney Co., Boston, Mass.
MacAndrews & Forbes, 55 Water St., New York.
Henry Maillard, 1099 Broadway, New York.
Mason, Au & Magenheimer Confectionery Mfg. Co., B'klyn.
Frank A. Menne Candy Co., Louisville, Ky.
C. H. Miller, New Orleans, La.
George Miller & Son Co., 257 S. 3d St., Philadelphia, Pa.
Mount Cracker & Candy Co., Kansas City, Mo.
National Biscuit Co., 205 Lasalle St., Chicago, Ill.
Ode & Gerbereux, 419 W. Broadway, New York.
Paris-Murton Co., Minneapolis, Minn.
O. H. Peckham Candy Mfg. Co., St. Louis, Mo.
A. M. Powell, 152 Chambers St., New York.
Quaker City Chocolate & Confectionery Co.,Gtn.Av.,Phil.,Pa.
Reading Confectionery Co., Reading, Pa.
Reinhart & Newton, Cincinnati, O.
Ridley & Co., 1 Hudson St., New York.
Roddewig-Schmidt Factory, Davenport, Iowa.
Louis Saroni & Co., San Francisco, Cal.
Saxe-Cavanaugh Co., Troy, N. Y.
M. Shields & Co., 43 State St., Chicago, Ill.
Sibley & Holmwood, Buffalo, N. Y.
A. Slauson & Co., 32 Dey St., New York.
A. D. Smith Co., Cincinnati, O.
Snyder, Chaffee & Co., Columbus, O.
Sommer-Richardson Factory, St. Joseph, Mo.
H. F. Sparrow Co., Cambridgeport, Mass.
W. S. Townsend, San Francisco, Cal.
Wallace & Co., 160 Monroe St., New York.
S. F. Whitman & Son, 606 Cherry St., Philadelphia, Pa.
H. O. Wilbur & Sons, 235 N. 3d St., Philadelphia, Pa.
D. D. Williamson & Co., 14 Dey St., New York.
A. E. Wolfgang, North York, Pa.
Woodard & Stone Co., Watertown, Wis.
Wright & Moody, Boston, Mass.
Philip Wunderle, 132 Pegg St., Philadelphia, Pa.

4123. CANDY TONGS.
Woods, Sherwood & Co., Lowell, Mass.

4124. CANES.
Clogg, Wright & Co., 50 Howard St., New York.
Wm. Demuth & Co., 507 Broadway, New York.
Follmer, Clogg & Co., 414 Broadway, New York.
Jacob Fox & Son, 167 Main St., Cincinnati, O.
J. F. Fradley & Co., 114 E. 14th St., New York.
M. Friedman & Co., 202 Houston St., New York.
Harvey & Watts Co., 1822 E. Venango St., Phila., Pa.
Hirsh & Bro., 150 5th Av., Chicago, Ill.
Kaldenberg Importing & Trading Co., 438 Broome St., N. Y.
E. C. Kuhn, Cincinnati, O.
Lancaster Silver Plate Co., Lancaster, Pa.
Casper Lingemann & Co., Detroit, Mich.
P. H. Locklin & Sons, 142 Fulton St., New York.
Amasa Lyon, 814 Broadway, New York.
Rose Bros. & Co., Lancaster, Pa.
L. Winckler, 142 Fulton St., New York.

A. CANE HANDLES.
A. Krouse, Bridgeport, Conn.

4125. CANOE BEDS.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

4126. CARBOY TRUNNIONS.
S. Twitchell, 225 Vine St., Philadelphia, Pa.

4127. CARD CASES.
Arms Mfg. Co., South Deerfield, Mass.
Bates Bros. Co., Athol, Mass.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Scheuer & Bro., 329 Canal St., New York.
R. Wallace Sons Mfg. Co., Wallingford, Conn.
J. J. Warren Co., Worcester, Mass.

A. LEATHER CARD CASES.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
W. B. White & Son, Boston, Mass.

B. SILVER CARD CASES.
Gorham Mfg. Co., 889 Broadway, New York.

Meriden Britannia Co., Meriden, Conn.
Tiffany & Co., Inc., 15 Union Sq., W., New York.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

4128. CARD RECEIVERS.
Anchor Silver Plate Co., Oswego, N. Y.
H. L. Judd & Co., 87 Chambers St., New York.

A. SILVER CARD RECEIVERS.
Gorham Mfg. Co., 889 Broadway, New York.
Meriden Brittania Co., Meriden, Conn.
Tiffany & Co., Inc., 15 Union Sq., W., New York.
Wilcox Silver Plate Co., Meriden, Conn.

B. WIRE CARD RECEIVERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4129. CASH BOXES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Miller Lock Co., 4523 Tacony St., Frankford, Phila., Pa.
Sidney Shepard & Co., Buffalo, N. Y.
York Safe & Lock Co., York, Pa.

A. KEYLESS CASH BOXES.
Miller Lock Co., 4523 Tacony St., Frankford, Phila., Pa.

4130. CATTLE BITS, HOLLOW.
A. C. Brosins, Cochranville, Pa.

4131. CATTLE LEADERS.
A. C. Brosins, Cochranville, Pa.
Covert Mfg. Co., West Troy, N. Y.
Humason & Beckley Mfg. Co., New Britain, Conn.

4132. CATTLE TIES.
Bridgeport Chain Co., Bridgeport, Conn. *32
Covert Mfg. Co., West Troy, N. Y.
Covert Saddlery Works, Farmer, N. Y.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
E. C. Newton Co., Batavia, Ill.
Oneida Community, Ltd., Oneida, N. Y.
John C. Schmidt & Co., York, Pa.
Stanley Rule & Level Co., 107 Chambers St., New York.

4133. CATTLE WASH.
D. A. Stuart & Co., Inc., 447 Illinois St., Chicago, Ill.

A. SHEEP DIP.
F. S. Burch & Co., 178 Michigan St., Chicago, Ill.
Carbolic Soap Co., 230 Pearl St., New York.
W. H. H. Childs, 73 Maiden Lane, New York.
Benjamin Hammond, Fishkill-on-Hudson, N. Y.
Hammond's Paint & Slug Shot Wks., Fishkill-on-Hud'n, N.Y.
Louisville Spirit Cured Tobacco Co., Louisville, Ky.
Mica Roofing Co., 100 William St., New York.
Skabeura Dip Co., 11 Exchange Av., Chicago, Ill.
D. A. Stuart & Co., Inc., 447 Illinois St., Chicago, Ill.
Zenner-Raymond Disinfectant Co., Detroit, Mich.

B. SHEEP DIPPING POWDER.
Wm. Cooper & Nephews, Galveston, Tex.

4134. CELLULOID.
Celluloid Co., Newark, N. J.

A. CELLULOID GOODS.
Celluloid Co., Newark, N. J.
C. N. Lockwood & Co., Newark, N. J.
New England Brown Stone Co., Cromwell, Conn.
Rubber & Celluloid Harness Trimming Co., Newark, N. J.
Whitehead & Hoag Co., Newark, N. J.

4135. CHALK.
Theron S. Carroll, Winsted, Conn.
H. H. Harvey, 116 High St., Boston, Mass.
Thomas Mfg. Co., Baltimore, Md.

A. LUMP CHALK.
Acme White Lead & Color Works, Detroit, Mich.
H. F. Taintor Mfg. Co., 101 Beekman St., New York.

B. TAILORS' CHALK.
Rickard & Hewitt, 104 John St., New York.

4136. CHAMPAGNE TAPS.
Haydenville Mfg. Co., 73 Beekman St., New York.
Landers, Frary & Clark, New Britain, Conn.
Peck Bros. & Co., New Haven, Conn.
Theo. Ricksecker Co., 26 Reade St., New York.

4137. CHARCOAL PURIFIERS.
Field Force Pump Co., Lockport, N. Y.

4138. CHATELAINE BAGS.
Bates Brothers Co., Athol, Mass.
L. Livingston & Co., 537 Broadway, New York.

4139. CHECKS.

A. BAG CHECKS, STERLING SILVER.
R. Wallace Sons Mfg. Co., Wallingford, Conn.

B. BAGGAGE CHECKS.
Ansonia Railway Supply Co., 24 Park Place, New York.
Brass Goods Mfg. Co., 117 Chambers St., New York.
New York Stencil Works, 100 Nassau St., New York.
John Robbins Mfg. Co., Boston, Mass.
Schwerdth & Siebert, Bridgeport, Conn.
W. W. Wilcox & Co., 201 Lake St., Chicago, Ill.

C. BAGGAGE CHECKS, PAPER & CLOTH.
Dennison Mfg. Co., Boston, Mass.

D. BAGGAGE CHECK STRAPS.
J. J. Warren Co., Worcester, Mass.

E. BRASS CHECKS.
Brass Goods Mfg. Co., 117 Chambers St., New York.
Geo. Carragan, 35 Beekman St., New York.
Holmes, Booth & Haydens, Inc., Waterbury, Conn.

Geo. M. Ness, Jr., 61 Fulton St., New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
S. H. Quint & Son, 15 S. 4th St., Philadelphia, Pa.
Scovill Mfg. Co., Waterbury, Conn.
Waterbury Brass Co., Waterbury, Conn.
Wheeling Hinge Co., Wheeling, W. Va.

F. CASH SALE CHECKS. New York Stencil Works, 100 Nassau St., New York.

G. DOG TAGS. Wm. H. Howard, Dayton, O.

H. GARMENT CHECKS. Dennison Mfg. Co., Boston, Mass.

I. GERMAN SILVER CHECKS. Wm. H. Howard, Dayton, O.

J. HOTEL KEY CHECKS. American Railway Supply Co., 24 Park Place, New York.
Brass Goods Mfg. Co., 117 Chambers St., New York.
Geo. Carragan, 35 Beekman St., New York.
J. F. W. Dorman Co., Baltimore, Md.
Wm. H. Howard, Dayton, O.
Schwerdth & Siebert, Bridgeport, Conn.
Nelson Stafford, 66 Fulton St., New York.
R. Wallace Sons Mfg. Co., Wallingford, Conn.

K. METAL CHECKS. Aluminum Sign & Novelty Co., Columbus, O.
John Robbins Mfg. Co., Boston, Mass.
Schwaab Stamp & Seal Co., Milwaukee, Wis.
Nelson Stafford, 66 Fulton St., New York.

L. PLANTATION CHECKS. American Railway Supply Co., 24 Park Place, New York.
Nelson Stafford, 66 Fulton St., New York.

M. RESTAURANT CHECKS. American Railway Supply Co., 24 Park Place, New York.
Dennison Mfg. Co., Boston, Mass.

N. RUBBER CHECKS. American Railway Supply Co., 24 Park Place, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.

O. SODA CHECKS. Celluloid Co., Newark, N. J.

P. TIME CHECKS. American Railway Supply Co., 24 Park Place, New York.
John Robbins Mfg. Co., Boston, Mass.

4140. CHEMICAL APPARATUS.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
Chic. Laboratory Supply & Scale Co., 39 W. Randolph, Chic., Ill.
Eimer & Amend, 205 3d Av., New York.
Emil Greiner, 62 Centre St., New York.
Herman Kohlbush, 59 Nassau St., New York.

4141. CHEWING GUM. Adams & Sons, 148 Sands St., Brooklyn, N. Y.
Beeman Chemical Co., Cleveland, O.
G. H. Berry & Co., 114 N. Main St., St. Louis, Mo.
Sol. Coleman, Memphis, Tenn.
Colgan Gum Co., Louisville, Ky.
J. T. Crecelius & Co., Louisville, Ky.
Curtis & Son, Portland, Me.
Hance Bros. & White, 621 Callowhill St., Philadelphia, Pa.
G. L. & C. T. Heisel, Cleveland, O.
Ohio Gum Co., Lisbon, O.
H. D. Smith & Co., 206 Main St., Cincinnati, O.
Valentino & Co., Nashville, Tenn.
W. J. White & Son, Cleveland, O.

A. SPRUCE GUM. Curtis & Son, Portland, Me.

4142. CHRISTMAS TREE ORNAMENTS.
Bernard Meyer, 151 Chambers St., New York.

4143. CHURCH BRASS PLATE.
Gorham Mfg. Co., 889 Broadway, New York.
J. & R. Lamb, 59 Carmine St., New York.

4144. CHURCH EMBROIDERIES & VESTMENTS.
Benziger Bros., 36 Barclay St., New York.
Cox, Sons & Vining, 70 5th Av., New York.
J. & R. Lamb, 59 Carmine St., New York.

4145. CISTERNS. May Bros., Galesburg, Ill.

4146. CLASPS. Frank & Gutmann, 260 W. Broadway, New York.
Greystone Mfg. Co., Greystone, Conn.
Lane Mfg. Co., Waterbury, Conn.
Judson L. Thomson Mfg. Co., Waltham, Mass.
Warner Bros. Co., Bridgeport, Conn.

A. BELT CLASPS. Novelty Mfg. Co., Waterbury, Conn.
Waterbury Buckle Co., Waterbury, Conn.
Waterbury Button Co., Waterbury, Conn.

B. CORSET CLASPS. Strouse, Adler & Co., 412 Broadway, New York.

C. GARMENT CLASPS. Geo. Frost & Co., 31 Bedford St., Boston, Mass.
Eugene H. Richards, 7 Green St., Boston, Mass.
Judson L. Thomson Mfg. Co., Waltham, Mass.

4147. CLOTHES HANGERS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
James F. Martin, Frankford, Philadelphia, Pa.

4148. CLOTHES LINE REELS.
Novelty Iron Works, Sterling, Ill.
John Sommer's Son, Newark, N. J.
E. C. Stearns & Co., Syracuse, N. Y.

4149. CLOTHES LINE TIES. Tie Co., Unadilla, N. Y.

4150. COIN COUNTING MACHINES.
Samuel Nafew Co., 392 Broadway, New York.

4151. COIN POUCHES. Nicol & Co., 57 W. Washington St., Chicago, Ill.

4152. COMPASSES.

A. BOAT COMPASSES. T. H. McAllister, 49 Nassau St., New York.

B. POCKET COMPASSES. W. & L. E. Gurley, Troy, N. Y.
T. H. McAllister, 49 Nassau St., New York.
Young & Sons, 43 N. 7th St., Philadelphia, Pa.

C. SHIPS' COMPASSES. Robert Merrill's Sons, 110 Wall St., New York.

D. SOLAR COMPASSES. W. & L. E. Gurley, Troy, N. Y.
Young & Sons, 43 N. 7th St., Philadelphia, Pa.

E. SPIRIT COMPASSES. Robert Merrill's Sons, 110 Wall St., New York.

F. SURVEYORS' COMPASSES. W. & L. E. Gurley, Troy, N. Y.
Queen & Co., Inc., 1010 Chestnut St., Philadelphia, Pa.
Young & Sons, 43 N. 7th St., Philadelphia, Pa.

G. TELL TALE COMPASSES. Robert Merrill's Sons, 110 Wall St., New York.

H. VERNIER COMPASSES. W. & L. E. Gurley, Troy, N. Y.

4153. COPPER BRUSH TRIMMINGS.
Ossawan Mills Co., Norwich, Conn.

4154. CORK.

A. BOTTLE CORKS.
Albany Cork Works, Albany, N. Y.
Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.
A. L. Butz Cork Co., 829 N. 3d St., Philadelphia, Pa.
Hugo Cahn & Co., 67 Murray St., New York.
J. B. Colgan, 49 Dey St., New York.
Crown Cork & Seal Co., Baltimore, Md.
Excelsior Cork Cutting Co., 61 Market St., Chicago, Ill.
Lancaster Cork Works, Lancaster, Pa.
McKey & Co., Boston, Mass.
Meinecke Cork Co., 255 Greenwich St., New York.
Paddock Mfg. Co., 21 Dodworth St., Brooklyn, N. Y.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
Truslow & Co., 4 Platt St., New York.
Williamsburg Cork Works, 383 Lorimer St., Brooklyn, N. Y.

B. CORK BALLS. Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.

C. CORK SHAVINGS. Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.
Hugo Cahn & Co., 67 Murray St., New York.

D. CORK WASHERS. Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.
Hugo Cahn & Co., 67 Murray St., New York.
Truslow & Co., 4 Platt St., New York.

E. GRANULATED CORK. Albany Cork Works, Albany, N. Y.
Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.
Hugo Cahn & Co., 67 Murray St., New York.
Goodwin Cork Co., Norwich, Conn.
Paddock Mfg. Co., 21 Dodworth St., Brooklyn, N. Y.
Truslow & Co., 4 Platt St., New York.

F. SEINE & GILL CORK. Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.

G. SPLIT CORK. Armstrong Cork Co., 24th & R. R. Sts., Pittsburg, Pa.
Truslow & Co., 4 Platt St., New York.

4155. CORK MEASURES, ADVERTISING.
Westcott-Jewell Co., Seneca Falls, N. Y.

4156. CORK TOPS. E. B. Estes & Sons, 45 John St., New York.

4157. COW COVERS. William Ayres & Sons, 220 Chestnut St., Philadelphia, Pa.

4158. CRACKLINGS. Carroll S. Page, Hyde Park, Vt.

4159. CRIMPING IRONS. Nicol & Co., 57 W. Washington St., Chicago, Ill.

4160. CRUCIFIXES.
Anchor Silver Plate Co., Oswego, N. Y.
J. & R. Lamb, 59 Carmine St., New York.
Sloan & Co., 21 Maiden Lane, New York.

4161. CYCLOMETERS.
McDonnell Odometer Co., Kedzie & W. 35th Sts., Chic., Ill.
New Departure Bell Co., Bristol, Conn.
New England Watch Co., Waterbury, Conn.
Trenton Watch Co., Trenton, N. J.
U. S. Mfg. Co., Fond-du-Lac, Wis.

4162. DECALCOMANIE.
Meyercord Co., 618 Cham. Comm. Bldg., Chicago, Ill.
National Decalcomanie Co., 230 N. 12th St., Phila., Pa.
Palm Bros. & Co., Inc., 114 Main St., Cincinnati, O.
Palm, Fechteler & Co., 45 La Salle St., Chicago, Ill.

4163. DECORATIONS FOR CELEBRATIONS.
C. H. Koster, 5 Park Place, New York.

4164. DECORATIVE LYNO-RELIEF WORK.
L. W. Seavey, Walton Av. & E. 140th St., New York.

4165. DEEP SEA SOUNDING LEADS.
Alfred B. Sands & Son, 129 Beekman St., New York.

4166. DISINFECTING APPARATUS.
Kensington Engine Works, Ltd., 704 Arch St., Phila., Pa.

4167. DISPLAY HORSES. Toledo Display Horse Co., Toledo, O.

4168. DIVING APPARATUS. Chapman Derrick & Wrecking Co., 27 William St., N. Y.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Andrew J. Morse & Son, 140 Congress St., Boston, Mass.
A. Schrader's Son, 30 Rose St., New York.

4169. DIVING RODS. Thos. Hall & Son, 79 Franklin St., Boston, Mass.

4170. DOOR & WINDOW GUARDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Thomas Carlin's Sons, Allegheny, Pa.
J. W. Fiske, 39 Park Place, New York.
Lincoln Iron Works, Boonton, N. J.
Van Dorn Iron Works Co., Cleveland, O.

4171. DOOR NUMBERS. Hoggson & Pettis Mfg. Co., New Haven, Conn.
New York Stencil Works, 100 Nassau St., New York.
John Robbins Mfg. Co., 114 Harrison Av., Boston, Mass.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Stover Mfg. Co., Freeport, Ill.

4172. DRAFT TUBES. Dalrymple Iron Works, Fair Haven, Vt.

4173. DRAPERY RODS, PLATED BRASS.
Worcester Wire Co., ft. of Kansas St., Worcester, Mass.

4174. DRAUGHTSMEN'S SUPPLIES.
Keuffel & Esser Co., 127 Fulton St., New York.
E. G. Soltmann, 119 Fulton St., New York.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

4175. DRAWING INSTRUMENTS.
A. S. Aloe & Co., 415 N. Broadway, St. Louis, Mo.
Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.
A. V. Benoit, 148 Fulton St., New York.
Brown & Sharpe Mfg. Co., Providence, R. I.
W. & L. E. Gurley, Troy, N. Y.
Keuffel & Esser Co., 127 Fulton St., New York.
L. S. Starrett Co., Athol, Mass.

4176. DRAWING TABLES. Keuffel & Esser Co., 127 Fulton St., New York.

4177. DRESS TAPES. Dreslyft Co., Portland, Me.

4178. DRIED FRUIT MOISTENERS.
Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.

4179. DRINKING CUP CASES.
J. J. Warren Co., 8 Washington Sq., Worcester, Mass.

4180. DRUGGISTS' SPECIALTIES.
Chichester Chemical Co., 2317 Madison Sq., Philadelphia, Pa.
C. H. Strong & Co., 218 Washington St., Chicago, Ill.
S. H. Wetmore Co., 242 Pearl St., New York.

A. POWDER DIVIDERS. W. F. Dessau, 430 W. Randolph St., Chicago, Ill.

B. SUPPOSITORY MOULDS. A. H. Wirz, 917 Cherry St., Philadelphia, Pa.

4181. DRUMSTICKS. George Cloos, 39 Stagg St., Brooklyn, N. Y.

4182. EGG CASE FILLERS. J. G. Cherry, Cedar Rapids, Iowa.
Creamery Package Mfg. Co., 1 Washington St., Chicago, Ill.
Crume & Sefton Mfg. Co., Dayton, O.
F. R. Lewis, Flint, Mich.

4183. EGG TESTERS. Petaluma Incubator Co., Petaluma, Cal.
Geo. H. Stahl, Quincy, Ill.
John H. Sunderman & Co., Quincy, Ill.

4184. EMBOSSING BRASS STAMPS.
Schwerdth & Siebert, Bridgeport, Conn.

4185. EMBROIDERY HOOPS.
Gibbs Mfg. Co., Canton, O.
Globe Mfg. Co., Anderson, Ind.
Hugo Maul & Co., 19 Bond St., New York.
Thos. P. Taylor, Bridgeport, Conn.

4186. ENAMELLED PORTRAITS.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.

4187. ENGINEERING INSTRUMENTS.
A. V. Benoit, 148 Fulton St., New York.
F. E. Brandis' Sons & Co., Brooklyn, N. Y.
Buff & Berger, 9 Province Court, Boston, Mass.
Fauth & Co., Washington, D. C.
Wm. Gardam & Son, 45 Rose St., New York.
W. & L. E. Gurley, Troy, N. Y.
Heller & Brightly, Spring Garden St. & Ridge Av., Phila., Pa.
Keuffel & Esser Co., 127 Fulton St., New York.
Queen & Co., 1010 Chestnut St., Philadelphia, Pa.

Jas. L. Robertson & Sons, 204 Fulton St., New York.
Schäffer & Budenberg, 26 Bedford, Brooklyn, N. Y.
Young & Sons, 43 N. 7th St., Philadelphia, Pa.

4188. FANS.

A. ADVERTISING FANS.
Allen Fan Co., East Braintree, Mass.
Geo. S. Vibbert & Co., Clintonville, Conn.

B. FLY FANS.
Matthai Ingram & Co., Baltimore, Md.

C. FOLDING FANS.
Allen Fan Co., East Braintree, Mass.
Scheurer & Bro., 329 Canal St., New York.

D. PALM LEAF FANS.
Hills Co., Amherst, Mass.

4189. FARMERS' BOILERS.
Granite State Evaporator Co., 5 Beekman St., New York.
F. & L. Kahn & Bros., Hamilton, O.
Lithgow Mfg. Co., Louisville, Ky.
Ewald Over, Indianapolis, Ind.
Rathbone, Sard & Co., Albany, N. Y.
Isaac A. Sheppard & Co., 1801 N. 4th St., Philadelphia, Pa.
D. R. Sperry & Co., Batavia, Ill.
Stamford Foundry Co., Stamford, Conn.
Stewart & Peterson Co., Burlington, N. J.
Walker & Pratt Mfg. Co., 31 Union St., Boston, Mass.

A. FARMERS' CALDRONS.
Granite State Evaporator Co., 5 Beekman St., New York.
International Heater Co., Utica, N. Y.
Lithgow Mfg. Co., Louisville, Ky.
Mt. Penn Stove Works, Reading, Pa.
Munnesville Plow Co., Munnesville, N. Y.
D. R. Sperry & Co., Batavia, Ill.
Stewart & Peterson Co., Burlington, N. J.
Wheeler Foundry Co., Worcester, Mass.

B. FEED STEAMERS & COOKERS.
Gorton & Lidgerwood Co., 96 Liberty St., New York.
Granite State Evaporator Co., 5 Beekman St., New York.
Henion & Hubbell, 61 N. Jefferson St., Chicago, Ill.
R. R. Howell & Co., Minneapolis, Minn.
Kelly & Taneyhill, Waterloo, Iowa.
L. R. Lewis, Cortland, N. Y.
Litchfield Mfg. Co., Webster City, Iowa.
Nordyke & Marmon Co., Indianapolis, Ind.

4190. FAUCETS.
Burnside Mfg. Co., Burnside, Ky.
Clark Novelty Co., Exchange St., Rochester, N. Y.
Cleveland Faucet Co., 15 Frankfort St., Cleveland, O.
Thos. Devlin & Co., N. 3d & Lehigh Av., Philadelphia, Pa.
Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
John Sommer's Son, Newark, N. J.
Star Milk Cooler Co., Haddonfield, N. J.
E. C. Stearns & Co., Syracuse, N. Y.

A. AIR VENTS.
Keenan Bros. Mfg. Co., 184 Washington St., Chicago, Ill.
John Sommer's Son, Newark, N. J.

B. ALE & BEER FAUCETS.
Aluminum Sign & Novelty Co., Columbus, O.
Cleveland Faucet Co., 15 Frankfort St., Cleveland, O.
Hoxie & Clark, 42 Stone St., Rochester, N. Y.
Ferd. Messmer Mfg. Co., St. Louis, Mo.
Herman Strater & Sons, 70 Sudbury St., Boston, Mass.

C. ALE & CIDER TAPS.
Peck Bros. & Co., New Haven, Conn.
Portland Cooperage Co., Portland, Me.
John Sommer's Son, Newark, N. J.
U. S. Bung Mfg. Co., 48 S. 2d St., Brooklyn, N. Y.

D. BRASS FAUCETS.
Chambers & Ainslee, Newark, N. J.
Clark Novelty Co., Exchange St., Rochester, N. Y.
P. J. Conroy, Island Road., c. S. 75th St., Philadelphia, Pa.
Haines, Jones & Cadbury Co., 1136 Ridge St., Phila., Pa.
Hoxie & Clark, 42 Stone St., Rochester, N. Y.
Landers, Frary & Clark, New Britain, Conn.
Jas. H. McLain Co., Canton, O.
McNab & Harlin Mfg. Co., Paterson, N. J.
Peck Bros. & Co., New Haven, Conn.

E. BUNG FAUCETS.
Landers, Frary & Clark, New Britain, Conn.
John Sommer's Son, Newark, N. J.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.

F. CORK LINED FAUCETS.
John Sommer's Son, Newark, N. J.

G. FAUCET EXTENSIONS.
John Sommer's Son, Newark, N. J.

H. LEATHER LINED FAUCETS.
John Sommer's Son, Newark, N. J.

I. LOCK FAUCETS.
Peck Bros. & Co., New Haven, Conn.
John Sommer's Son, Newark, N. J.

J. MEASURING FAUCETS.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
National Specialty Mfg. Co., Lehigh Av. & 3d St., Phila., Pa.

K. MOLASSES & OIL GATES.
Enterprise Mfg. Co. of Pa., N. 3d & Dauphin Sts., Phila., Pa.
Jas. L. Haven Co., 56 Plum St., Cincinnati, O.
North Bros. Mfg. Co., Lehigh Av.& American St.,Phila.,Pa.
Springfield Foundry Co., Springfield, Mass.
E. C. Stearns & Co., Syracuse, N. Y.
Taylor & Boggis Foundry Co., Cleveland, O.

L. SELF CLOSING FAUCETS.
Landers, Frary & Clark, New Britain, Conn.
Peck Bros. & Co., New Haven, Conn.
H. A. Williams Mfg. Co., Boston, Mass.

M. WOODEN FAUCETS.
Boston & Lockport & Block Co.,Commerce St.,Boston,Mass.
Burnside Mfg. Co., Burnside, Ky.
Keenan Bros. Mfg. Co., 184 Washington St., Chicago, Ill.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
John Sommer's Son, Newark, N. J.

N. WOODEN FAUCETS, RUBBER SATURATED.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.

O. WOOD KEY FAUCETS.
E. C. Stearns & Co., Syracuse, N. Y.

4191. FEATHER QUILLERS.
Sanson & Horster, Evansville, Ind.

4192. FEATHER RENOVATORS.
Houchin & Huber, 39 53d St., Brooklyn, N. Y.
Sanson & Horster, Evansville, Ind.

4193. FEED.
Wm. Cadick & Son, Grand View, Ind.
J. V. Carithers, Moscow, Idaho.
Chicago Sugar Refining Co., Chicago, Ill.
Colby Milling Co., Dowagiac, Mich.
Columbia Milling Co., Oakland City, Ind.
Corbin Milling Co., New Harmony, Ind.
Cozad Roller Mill Co., Cozad, Neb.
Crete Mills, Crete, Neb.
L. G. Davis & Co., Rochester, N. Y.
Eagle Roller Mills, Independence, Kan.
Echo Roller Mills, Spokane, Wis.
Emporium Milling Co., Emporium, Pa.
Estate of T. S. Hayhurst, Waterloo, Wis.
Hardesty Bros., Canal Dover, O.
Hastings Malting Co., Hastings, Minn.
Hudnut Co., Terre Haute, Ind.
Imperial Roller Mills, Dresden, O.
Inter Flour Mills, Irwin, Pa.
Inter-Mountain Milling Co., Salt Lake City, Utah.
Kearney Cereal Mills, Kearney, Neb.
H. J. Klingler & Co., Butler, Pa.
Lafayette Hominy Mill Co., Lafayette, Ind.
W. & A. McArthur Co., Ltd., Cheboygan, Mich.
R. P. Moore Milling Co., Princeton, Ind.
Muscatine Oat Meal Co., Muscatine, Iowa.
National Mill Co., Prospect, O.
Oakgrove Mill Co., Oakgrove, Mo.
Orrville Milling Co., Orrville, O.
Phelps & Siblev, Cuba, N. Y.
Geo. P. Plant Milling Co., St. Louis, Mo.
Sioux Milling Co., Sioux City, Iowa.
C. H. Snyder & Son, Millhurst, N. J.
Walsh-De Roo Milling Co., Holland, Mich.
White Cloud Mill & Elevator Co., White Cloud, Kan.

4194. FEED BOXES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Buhl Stamping Co., Detroit, Mich.

4195. FENCE ADVERTISING SIGN BOARDS.
E. J. Vance Box Co., Ltd., Bay City, Mich.

4196. FERTILIZERS.
Acme Mfg. Co., Wilmington, N. C.
Allentown Mfg. Co., Allentown, Pa.
Ashepoo Fertilizer Co., Charleston, S. C.
Atlanta Guano Co., Atlanta, Ga.
H. J. Baker & Bro., 100 William St., New York.
Baldwin Fertilizer Co., Savannah, Ga.
Bowker Fertilizer Co., 43 Chatham St., Boston, Mass.
Bradley Fertilizer Co., 92 State St., Boston, Mass.
A. P. Bruntley Co., Blackshear, Ga.
Calhoun & Jones, Georgetown, Del.
Cleveland Dryer Co., Cleveland, O.
E. Frank Coe Co., 135 Front St., New York.
Columbia Guano Co., Norfolk, Va.
Columbia Phosphate Co., Columbia, S. C.
Commercial Guano Co., Savannah, Ga.
Coweta Fertilizer Co., Newnan, Ga.

Currie Fertilizer Co., Louisville, Ky.
C. H. Drayton, Charleston, S. C.
Edisto Phosphate Co., Charleston, S. C.
Etiwan Phosphate Works, Charleston, S. C.
Farmer Fertilizer & Chemical Co., Syracuse, N. Y.
Florida Phosphate Co., Charleston, S. C.
G. B. Forrester, 159 Front St., New York.
Furman Farm Improvement Co., Atlanta, Ga.
Georgia Chemical Works, Augusta, Ga.
Imperial Fertilizer Co., Charleston, S. C.
Jarecki Chemical Co., Sandusky, O.
Land Pebble Phosphate Co., Charleston, S. C.
Lister's Agricultural Chemical Works, Newark, N. J.
W. C. Macmurphy Co., Charleston, S. C.
Maryland Fertilizing & Mfg. Co., Baltimore, Md.
Michigan Carbon Works, Detroit, Mich.
National Fertilizer Co., Bridgeport, Conn.
Navassa Guano Co., Wilmington, N. C.
W. C. Newport Co., Ltd., Willow Grove, Pa.
Oakland Mining Co., Charleston, S. C.
Patapsco Guano Co., Baltimore, Md.
Moro Phillips Chemical Co., 131 S. 3d St., Phila., Pa.
Planters' Fertilizer Mfg. Co., New Orleans, La.
Ravenel & Jervey, Charleston, S. C.
Read Fertilizer Co., 88 Wall St., New York.
Read Phosphate Co., Nashville, Tenn.
Roger & Hubbard Co., Middletown, Conn.
Round Pond Oil & Guano Co., Round Pond, Me.
Saint Andrews Phosphate Co., Charleston, S. C.
Scott Fertilizer Co., Elkton, Md.
Southern Cotton Oil Co., Columbia, S. C.
Standard Guano & Chemical Mfg. Co., New Orleans, La.
Thompson & Campbell, 1030 Germantown Av., Phila., Pa.
Virginia Carolina Chemical Co., Richmond, Va.
Walter Guano Co., Social Circle, Ga.
Williams & Clark Fertilizer Co., 27 William St., New York.
York Chemical Co., York, Pa.
Zell Guano Co., Baltimore, Md.

A. FERTILIZERS, AMMONIATED.

Armour & Co., 205 La Salle St., Chicago, Ill.
H. J Baker & Bro., 100 William St., New York.
Baldwin Fertilizer Co., Savannah, Ga.
Bradley Fertilizer Co., 92 State St., Boston, Mass.
Georgia Chemical Works, Augusta, Ga.
Lister's Agricultural Chemical Works, Newark, N. J.
Michigan Carbon Works, ft. of 1st St., Detroit, Mich.
Read Fertilizer Co., 88 Wall St., New York.
Savannah Guano Co., Savannah, Ga.
Standard Guano & Chemical Mfg. Co., New Orleans, La.
Tygert-Allen Fertilizer Co., 2 Chestnut St., Phila., Pa.
Union Fertilizer Co., Atlanta, Ga.
Virginia Carolina Chemical Co., Richmond, Va.

B. FERTILIZERS, FISH SCRAP.

Andrew W. Dodd & Co., Gloucester, Mass.

C. PHOSPHATES.

Baldwin Fertilizer Co., Savannah, Ga.
Bradley Fertilizer Co., 92 State St., Boston, Mass.
Columbia Phosphate Co., Columbia, S. C.
Edisto Phosphate Co., Charleston, S. C.
Etiwan Phosphate Works, Charleston, S. C.
Florida Phosphate Co., Charleston, S. C.
High Springs Phosphate Co., Jacksonville, Fla.
Land Pebble Phosphate Co., Charleston, S. C.
Michigan Carbon Works, Detroit, Mich.
National Acid Co., New Orleans, La.
Nichols Chemical Co., 11 Broadway, New York.
Read Fertilizer Co., 88 Wall St., New York.
Read Phosphate Co., Nashville, Tenn.
Saint Andrews Phosphate Co., Charleston, S. C.
Savannah Dredging Co., Savannah, Ga.

D. POTATO & TOBACCO FERTILIZERS.

H. J. Baker & Co., 100 William St., New York.
Geo. B. Forrester, 159 Front St., New York.
Read Fertilizer Co., 88 Wall St., New York.
F. C. Sturtevant, Hartford, Conn.

4197. FIRE APPARATUS.

A. AUTOMATIC FIRE ALARMS.

Automatic FireAlarm& Extinguisher Co.,Ltd.,413B'way,N.Y.
General Fire Extinguisher Co., Providence, R. I.
National Automatic Fire Alarm Co., 317 B'way, New York.
E. A. Williams & Son, Jersey City, N. J.

Ziegler Electric Co., Boston, Mass.

B. AUTOMATIC FIRE ALARMS & EXTINGUISHERS.
Automatic FireAlarm& Extinguisher Co.,Ltd.,413B'way,N.Y.
General Fire Extinguisher Co., Providence, R. I.

C. AUTOMATIC FIRE EXTINGUISHERS.
Automatic FireAlarm& Extinguisher Co.,Ltd.,413B'way,N.Y.
General Fire Extinguisher Co., Providence, R. I.

D. AUTOMATIC SPRINKLERS.
Esty Sprinkler Co., Laconia, N. H.
General Fire Extinguisher Co., Providence, R. I.
Independent Fire Sprinker Co., 30 W. Monroe St., Chic., Ill.
Walworth Mfg. Co., 16 Oliver St., Boston, Mass.

E. CHEMICAL FIRE ENGINES.
Automatic Fire Alarm&Extinguisher Co.,Ltd.,413B'way,N.Y.
Fire Extinguisher Mfg. Co., 357 Canal St., New York.
Harden Hand Grenade Fire Ext.Co.,51 DearbornSt.,Chic.,Ill.
S. F. Hayward & Co., 357 Canal St., New York.
Muskegon Chemical Fire Engine Co., Muskegon, Mich.
Racine Fire Engine Co., Ltd., Racine, Wis.

F. COMBINATION CHEMICAL ENGINE & HOSE WAGONS.
Muskegon Chemical Fire Engine Co., Muskegon, Mich.
Racine Fire Engine Co., Ltd., Racine, Wis.

G. FIRE ALARM VALVES.
General Fire Extinguisher Co., Providence, R. I.

H. FIRE EXTINGUISHERS.
Automatic Fire Alarm & Ext. Co., Ltd., 413 B'way, N. Y.
Fire Extinguisher Mfg. Co., 357 Canal St., New York.
Harden Hand Grenade Fire Ext.Co.,51Dearborn St.,Chic.,Ill.
S. F. Hayward & Co., 357 Canal St., New York.
Lindgren-Mahan Fire Apparatus Works, Chicago, Ill.
Liquid Carbonic Acid Mfg. Co., 75 Illinois St., Chicago, Ill.
F. Meyrose Lamp & Mfg. Co., St. Louis, Mo.
Muskegon Chemical Fire Engine Co., Muskegon, Mich.
Nathan Mfg. Co., 92 Liberty St., New York.
Racine Fire Engine Co., Ltd., Racine, Wis.
Rumsey & Co., Ltd., Seneca Falls, N. Y.
Spangler Mfg. Co., York, Pa.
Geo. H. Stahl, 122 S. 6th Av., Quincy, Ill.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.

I. HAND GRENADES.
Fire Extinguisher Mfg. Co., 357 Canal St., New York.
Harden Hand Grenade Fire Ext.Co.,51 DearbornSt.,Chic.,Ill.
S. F. Hayward & Co., 357 Canal St., New York.
George H. Stahl, 122 S. 6th Av., Quincy, Ill.

J. HOOK & LADDER TRUCKS.
Fire Extinguisher Mfg. Co., 357 Canal St., New York.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
S. F. Hayward & Co., 357 Canal St., New York.
La France Fire Engine Co., Elmira, N. Y.
Racine Fire Engine Co., Ltd., Racine, Wis.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

K. HOOK & LADDER TRUCKS, EXTENSION.
S. F. Hayward & Co., 357 Canal St., New York.
La France Fire Engine Co., Elmira, N. Y.
Racine Fire Engine Co., Ltd., Racine, Wis.

L. HOSE CARRIAGES.
Abbot-Downing Co., Concord, N. H.
American Fire Engine Co., Seneca Falls, N. Y.
S. F. Hayward & Co., 357 Canal St., New York.
E. H. Jacobs Mfg. Co., Danielson, Conn.
Muskegon Chemical Fire Engine Co., Muskegon, Mich.
Racine Fire Engine Co., Ltd., Racine, Wis.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

M. HOSE CARTS
American Fire Engine Co., Seneca Falls, N. Y.
Fairbanks Co., 311 Broadway, New York.
Fenton & Dunn, Holyoke, Mass.
Fire Extinguisher Mfg. Co., 357 Canal St., New York.
Gleason & Bailey Mfg. Co., 20 W. Houston St., New York.
Goulds Mfg. Co., Seneca Falls, N. Y.
S. F. Hayward & Co., 357 Canal St., New York.
E. H. Jacobs Mfg. Co., Danielson, Conn.
Muskegon Chemical Fire Engine Co., Muskegon, Mich.
Rumsey & Co., Ltd., Seneca Falls, N. Y.

N. SPRAY NOZZLES.
Empire Rubber Mfg. Co., Trenton, N. J.
Hersey Mfg. Co., South Boston, Mass.
Hess, Snyder & Co., Massillon, O.
Peck Bros. & Co., New Haven, Conn.

O. SPRINKLER HEADS.
Univ. Automatic Fire Ext. Co., 112 S.Orianna St., Phila.,Pa.

P. WATER TOWERS.
S. F. Hayward & Co., 357 Canal St., New York.

4198. FIRE DEPARTMENT SUPPLIES.
American Fire Engine Co., Seneca Falls, N. Y.
Cahill, Swift & Co., 48 N. 8th St., St. Louis, Mo.
Fire Extinguisher Mfg. Co., 357 Canal St., New York.
S. F. Hayward & Co., 357 Canal St., New York.
La France Fire Engine Co., Elmira, N. Y.
Andrew J. Morse & Son, 140 Congress St., Boston, Mass.

4199. FIRE DOOR APPARATUS, AUTOMATIC.
Lane Bros. Co., Poughkeepsie, N. Y.

4200. FIRE ESCAPES, PORTABLE.
David W. Cochrane, 195 S. 5th Av., New York.

4201. FIRE KINDLERS.
U. S. Mfg. Co., Fond-du-Lac, Wis.

4202. FIRE TRUMPETS.
Anderson & Jones, 190 Grand St., New York.
C. G. Braxmar, 10 Maiden Lane, New York.
Cairns & Bro., 143 Grand St., New York.
Mechanical Rubber Co., 22 Murray St., New York.
Meriden Britannia Co., Meriden, Conn.

A. PRESENTATION FIRE TRUMPETS.
C. G. Braxmar, 10 Maiden Lane, New York.
Meriden Britannia Co., Meriden, Conn.
Pairpoint Mfg. Co., New Bedford, Mass.

4203. FISH HANDLING TONGS.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

4204. FLAGS AND BANNERS.

A. BANNER HOLDERS.
J. J. Warren Co., 8 Washington Sq., Worcester, Mass.

B. BANNERS.
American Flag Co., 45 Elizabeth St., New York.
Wm. Beck & Sons Co., 10 Garfield Place, Cincinnati, O.
John Boyle & Co., 203 Fulton St., New York.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
C. H. Koster, 5 Park Place, New York.
J. & R. Lamb, 59 Carmine St., New York.
John F. McHugh, 54 W. 31st St., New York.
Pettibone Bros. Mfg. Co., 626 Main St., Cincinnati, O.

C. BUNTING FLAGS.
American Flag Mfg. Co., Easton, Pa.
M. C. Lilley & Co., Columbus, O.

D. BURGEES.
American Flag Co., 45 Elizabeth St., New York.
John Boyle & Co., 203 Fulton St., New York.
C. H. Koster, 5 Park Place, New York.
John F. McHugh, 54 W. 31st St., New York.

E. CODE SIGNALS.
American Flag Co., 45 Elizabeth St., New York.
John Boyle & Co., 203 Fulton St., New York.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
C. H. Koster, 5 Park Place, New York.

F. FIREMEN'S BANNERS.
Cairns & Bro., 143 Grand St., New York.

G. FLAG & BANNER TRIMMINGS.
American Flag Co., 45 Elizabeth St., New York.
John Boyle & Co., 203 Fulton St., New York.
J. & R. Lamb, 59 Carmine St., New York.
Roberts Bros. Co., 233 Jackson Boul., Chicago, Ill.

H. FLAGS.
American Flag Co., 45 Elizabeth St., New York.
Annin & Co., 99 Fulton St., New York.
Wm. Beck & Sons Co., 10 Garfield Place, Cincinnati, O.
John Boyle & Co., 203 Fulton St., New York.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
De Grauw, Aymar & Co., 34 South St., New York.
Detroit Tent & Awning Co., Detroit, Mich.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
Ives & Williams Co., Bridgeport, Conn.
C. H. Koster, 5 Park Place, New York.
Lamprell & Marble, 357 Commercial St., Boston, Mass.
John F. McHugh, 54 W. 31st St., New York.
McLoughlin Bros., 890 Broadway, New York.
Missouri Tent & Awning Co., 220 Chestnut St., St. Louis, Mo.
Neville & Co., San Francisco, Cal.
Pettibone Bros. Mfg. Co., 626 Main St., Cincinnati, O.
Roberts Bros. Co., 233 Jackson Boul., Chicago, Ill.
Zittlosen Mfg. Co., 106 N. Broadway, St. Louis, Mo.

I. FLAGS, EMBROIDERED.
American Flag Co., 45 Elizabeth St., New York.
John Boyle & Co., 203 Fulton St., New York.
C. H. Koster, 5 Park Place, New York.
J. & R. Lamb, 59 Carmine St., New York.

J. FLAGS OF ALL NATIONS.
American Flag Co., 45 Elizabeth St., New York.
John Boyle & Co., 203 Fulton St., New York.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
C. H. Koster, 5 Park Place, New York.

K. PRINTED FLAGS ON STICKS.
American Flag Co., 45 Elizabeth St., New York.
John Boyle & Co., 203 Fulton St., New York.
Herman Gotthelf, 45 Elizabeth St., New York.

L. SILK BANNERS.
American Flag Mfg. Co., Easton, Pa.

M. SILK FLAGS
American Flag Co., 45 Elizabeth St., New York.
American Flag Mfg. Co., Easton, Pa.
John Boyle & Co., 203 Fulton St., New York.
Cheney Bros., Inc., South Manchester, Conn.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.

C. H. Koster, 5 Park Place, New York.
J. & R. Lamb, 59 Carmine St., New York.
M. C. Lilley & Co., Columbus, O.

N. YACHT FLAGS.
American Flag Co., 45 Elizabeth St., New York.
Annin & Co., 99 Fulton St., New York.
John Boyle & Co., 203 Fulton St., New York.
S. Hemmenway & Son, 60 South St., New York.
C. H. Koster, 5 Park Place, New York.
Chas. P. McClellan, Fall River, Mass.
Irving W. Wheeler & Co., 62 Commercial St., Boston, Mass.

4205. FLAGSTAFFS AND POLES.
American Flag Co., 45 Elizabeth St., New York.
Chesebro, Whitman & Co., 302 E. 64th St., New York.
Horatio Kelsey, Clinton, Conn.
C. W. H. Moulton & Co., East Cambridge, Mass.
National Tube Works Co., McKeesport, Pa.

A. FLAG POLE EAGLES.
American Flag Co., 45 Elizabeth St., New York.
E. T. Barnum, Detroit, Mich.

B. FLAG POLE HOLDERS.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

4206. FLOWER POTS, IRON.
Melville D. Jones & Co., 76 Washington St., Boston, Mass.

4207. FLY PAPER.
H. H. Clark & Linseed Oil Works, Decatur, Ill.
Decoy Fly Paper Co., Detroit, Mich.
Melville D. Jones & Co., Boston, Mass.
Krembs & Co., 9 S. Halstead St., Chicago, Ill.
T. B. Stayner & Co., Providence, R. I.

4208. FOLDING BATH TUBS.
Acme Folding Boat Co., Miamisburg, O.
Gold Medal Camp Furniture & Novelty Co., Racine, Wis.

4209. FOUNTAINS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
J. W. Fiske, 39 Park Place, New York.
Henry F. Jenks, Pawtucket, R. I.
Melville D. Jones & Co., 76 Washington St., Boston, Mass.
F. E. Kohler & Co., Canton, O.
J. L. Mott Iron Works, 90 Beekman St., New York.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

A. DRINKING FOUNTAIN FITTINGS.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.

B. DRINKING FOUNTAINS.
Illinois Malleable Iron Co., 32 W. Monroe St., Chicago, Ill.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Meyer-Sniffen Co., Ltd., 5 E. 19th St., New York.
Standard Mfg. Co., Pittsburg, Pa.

C. STOCK FOUNTAINS.
Novelty Iron Works, Sterling, Ill.
C. H. Presbrey & Co., Sterling, Ill.
Stock Fountain Co., Lake City, Iowa.
Wilson Iron Works, 173 Randolph St., Chicago, Ill.

4210. FRAMES.

A. ADVERTISING FRAMES.
John Dahlmeyer, 59 New Bowery, New York.

B. MIRROR FRAMES.
Blanck & Co., 16 Horatio St., New York.
Jacob Dieter & Son, 70 Bedford St., New York.
Hall & Garrison, 1126 Washington Av., Philadelphia, Pa.
H. Kruse & Co., 86 Main St., Cincinnati, O.
National Brass & Iron Works, Reading, Pa.
Reuhl Moulding Mfg. Co., 294 Main St., Cincinnati, O.
C. D. Widman & Co., Detroit, Mich.
T. A. Wilmurt's Sons, 54 E. 13th St., New York.

C. MIRROR STANDS, CHEVAL.
N. R. Streeter & Co., Rochester, N. Y.

D. PASSE-PARTOUTS.
Pierce Mfg. Co., New Bedford, Mass.

E. PHOTOGRAPH FRAMES.
Anchor Silver Plate Co., Oswego, N. Y.
Wm. A. Haines, 133 N. 7th St., Philadelphia, Pa.
Hargreaves Mfg. Co., Detroit, Mich.
H. L. Judd & Co., 87 Chambers St., New York.
Meriden Britannia Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.
Bernard Rice's Sons, 518 Broadway, New York.
C. F. Rumpp & Sons, S.W.cor.N. 5th & CherrySts.,Phila.,Pa.

F. PICTURE & MIRROR BACK BOARDS.
Dwight Lumber Co., Detroit, Mich.
Owossan Mills Co., Norwich, Conn.
Wm. E. Sparrow, Mattapoisett, Mass.

G. PICTURE FRAME MOULDINGS.
Mueller Bros. Art & Mfg. Co.,Fulton cor.Green Sts.,Chic.,Ill.

H. PICTURE FRAME ORNAMENTS.
Pelton Bros. Silver Plate Co., 717 S. 6th St., St. Louis, Mo.

I. PICTURE FRAMES.
Baxter Moulding Co., 501 S. 3d St., St. Louis, Mo.
Beers Bros., 1264 Broadway, New York.
Abe. Broude, Pittsburg, Pa.

Empire Moulding Works, Rochester, N. Y.
J. J. Gillespie & Co., Pittsburg, Pa.
J. N. Gillis Co., Rochester, N. Y.
Hall & Garrison Mfg. Co., 1126 Washington Av., Phila., Pa.
Chas. Hasche, 111 W. Superior St., Chicago, Ill.
Kelly Picture Frame & Mould. Co., 69 W.Washn.St.,Chic.,Ill.
H. Lieber Co., Indianapolis, Ind.
Lippe & Co., 110 Bowery, New York.
M. H. Lowell, 212 Randolph St., Chicago, Ill.
John Moore, Syracuse, N. Y.
Mueller Bros. Art & Mfg. Co.,Fulton cor.Green St.,Chic.,Ill.
National Portrait Co., 118 National Boul., Chicago, Ill.
Reuhl Moulding Mfg. Co., 294 Main St., Cincinnati, O.
August F. Richter, 42 E. Huron St., Chicago, Ill.
O. Rudolph, 3 Marion St., New York.
Syracuse Moulding Co., Syracuse, N. Y.
Taber-Prang Art Co., Springfield, Mass.
Toledo Moulding Co., Toledo, O.
J. R. Webber Moulding Co., 21st & Cass Av., St. Louis, Mo.
T. A. Wilmurt's Sons, 54 E. 13th St., New York.

J. PLUSH FRAMES.
American Pin Co., Waterbury, Conn.
Lewis Pattberg & Bros., Jersey City, N. J.

4211. FUEL ECONOMIZERS.
Broomell, Schmidt & Co., Ltd., York, Pa.

4212. FURS.
Alaska Commercial Co., San Francisco, Cal.
Alaska Fur Mfg. Co., Juneau, Alaska.
Chicago Fur Co., 67 Washington St., Chicago, Ill.
Franken & Kolb, 146 State St., Chicago, Ill.
J. Freystadt & Sons, 36 E. 12th St., New York.
Samuel Glass, 221 State St., Chicago, Ill.
C. G. Gunther's Sons, 184 5th Av., New York.
Hartmann Hide & Leather Co., St. Louis, Mo.
A. Landau & Co., St. Louis, Mo.
H. Liebes & Co., Inc., San Francisco, Cal.
McMillan Fur & Wool Co., Minneapolis, Minn.
Montague & McHugh, New Whatcom, Wash.
North American Commercial Co., San Francisco, Cal.
North American Transport.& Trad.Co.,290VanBuren,Chic.,Ill.
Northern Trading & Banking Co., Dyea, Alaska.
North Pacific Trading & Packing Co., San Francisco, Cal.
I. & S. Sachs, St. Louis, Mo.
Schmidt, Traugolt & Sons, Inc., Detroit, Mich.
Louis Sloss & Co., San Francisco, Cal.
W. F. Warner & Co., St. Louis, Mo.
Ziff & Sugarman, 204 Market St., Chicago, Ill.

4213. GALVANIC RINGS.
James Bingham, 108 S. 8th St., Philadelphia, Pa.

4214. GARBAGE BURNERS AND CREMATORS.
Seymour G. Smith, Plainfield, N. J.

4215. GARDEN LINE REELS, GALVANIZED.
Thomas Woodason, 2900 D St., Philadelphia, Pa.

4216. GAVELS.
F. Grote & Co., 114 E. 14th St., New York.

4217. GLASS BEADS.
John Kannofsky, 369 Canal St., New York.

4218. GLASS NOVELTIES WITH PLATED MOUNTINGS.
Bernard Rice's Sons, 518 Broadway, New York.

4219. GOLD AND SILVER ANODES.
J. M. Ney & Co., Hartford, Conn.

4220. GRAIN REGISTERS.
R. R. Howell & Co., Minneapolis, Minn.
C. L. Nesmith, Washington, Ill.
Orrville Machine Co., Orrville, O.

4221. GRAIN SPOUTS.
Thornburgh Creel Co., 241 S. Jefferson St., Chicago, Ill.

4222. GRAIN TESTERS, HAND.
Herman Kohlbusch, 59 Nassau St., New York.

4223. GUIDEBOARDS, STEEL.
Hartman Mfg. Co., 309 Broadway, New York.

4224. GUTTER DRAINS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4225. HAIR NETS.
Jennings Lace Works, 59 Hall St., Brooklyn, N. Y.
J. H. Loewenstine, 75 Greene St., New York.

4226. HAIR PINS.
American Pin Co., Waterbury, Conn.
Arlington Mfg. Co., 475 Broadway, New York.
Wm. H. Ball & Co., 14 John St., New York.
Blake & Johnson, Waterbury, Conn.
Crossin & Co., Providence, R. I.
E. I. Franklin & Co., North Attleboro, Mass.
Krementz & Co., Newark, N. J.
Wm. Mass & Co., 370 Broadway, New York.
Sloan & Co., 21 Maiden Lane, New York.

Wm. Smith's Sons, 5033 Royal St., Philadelphia, Pa.

A. ALUMINUM HAIR PINS. Aluminum Mfg. Co., Two Rivers, Wis.

B. HORN HAIR PINS. B. F. Blodgett & Co., Leominster, Mass.

C. IVORY HAIR PINS. F. Grote & Co., 114 E. 14th St., New York.

D. TORTOISE SHELL HAIR PINS. Walter M. Farwell & Co., Northboro, Mass.
F. Grote & Co., 114 E. 14th St., New York.
August Trenkmann, 403 Broome St., New York.

4227. HAMMOCK ATTACHMENTS.

I. E. Palmer, Middletown, Conn. *33

A. HAMMOCK CANOPIES. Richard W. Montross, Galien, Mich.

B. HAMMOCK FRAMES. Gold Medal Camp Furniture & Novelty Co., Racine, Wis.
I. E. Palmer, Middletown, Conn. *33

C. HAMMOCK ROPE TIES. Tie Co., Unadilla, N. Y.

D. HAMMOCK SPREADS. A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Menasha Woodenware Co., Menasha, Wis.
Richard W. Montross, Galien, Mich.
I. E. Palmer, Middletown, Conn. *33
South Bend Toy Mfg. Co., South Bend, Ind.

E. HAMMOCK STANDS. A. L. Adams Mfg. Co., Cedar Rapids, Iowa.
Richard W. Montross, Galien, Mich.
U. S. Mfg. Co., Fond-du-Lac, Wis.

4228. HAMPERS.

A. Meinecke & Son, Milwaukee, Wis.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

A. CANDY SHIPPING HAMPERS. Balloon Basket Works, Belding, Mich.

B. LAUNDRY SHIPPING HAMPERS. Abraham Leipzig, 426 Broome St., New York.
A. Meinecke & Son, Milwaukee, Wis.

C. WILLOW HAMPERS. Heywood Bros. & Wakefield Co., Gardner, Mass.

4229. HAND BAGS.

Crouch & Fitzgerald, 161 Broadway, New York.
A. Hahn & Co., 472 Broadway, New York.
Henry Lissa & Co., 595 Broadway, New York.
John Mehl & Co., Inc., Jersey City, N. J.
T. B. Peddie & Co., Inc., Newark, N. J.
M. M. Secor Trunk Co., Racine, Wis.
Seward Trunk & Bag Co., Petersburg, Va.

A. SCHOOL BAGS. John Mehl & Co., Inc., Jersey City, N. J.
I. E. Palmer, Middletown, Conn. *33
T. B. Peddie & Co., Inc., Newark, N. J.
M. M. Secor Trunk Co., Racine, Wis.
J. J. Warren Co., Worcester, Mass.

B. TOURIST BAGS. Crouch & Fitzgerald, 161 Broadway, New York.
Haskell Bros., 52 Madison St., Chicago, Ill.
Henry Lissa & Co., 595 Broadway, New York.
John Mehl & Co., Inc., Jersey City, N. J.
T. B. Peddie & Co., Inc., Newark, N. J.
Schmit Bros. Trunk Co., Oshkosh, Wis.
M. M. Secor Trunk Co., Racine, Wis.

C. TRAVELING BAGS. Abel & Bach Co., Milwaukee, Wis.
S. L. Belber & Son, 207 Bainbridge St., Phila., Pa.
Carpeles Co., Milwaukee, Wis.
Crouch & Fitzgerald, 161 Broadway, New York.
A. Hahn & Co., 472 Broadway, New York.
Haskell Bros., 52 Madison St., Chicago, Ill.
Henry Likly & Co., Rochester, N. Y.
Likly & Rockett, Cleveland, O.
Henry Lissa & Co., 595 Broadway, New York.
Matthews & Co., 50 Leonard St., New York.
John Mehl & Co., Inc., Jersey City, N. J.
T. B. Peddie & Co., Inc., Newark, N. J.
Schmit Bros. Trunk Co., Oshkosh, Wis.
M. M. Secor Trunk Co., Racine, Wis.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

4230. HAND CARTS.

Ames Plow Co., Quincy Hall, Boston, Mass.
Belle City Mfg. Co., Racine, Wis.
David Bradley Mfg. Co., Bradley, Ill.
Abram Ellwood Mfg. Co., De Kalb, Ill.
Fairbanks Co., 311 Broadway, New York.
Hayes Pump & Planter Co., Galva, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Parlin & Orendorff Co., Canton, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
Schuttler & Hotz, 45 W. Monroe St., Chicago, Ill.
E. W. Walker & Stutz Co., Goshen, Ind.
R. W. Whitehurst & Co., Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.

4231. HANDCUFFS.
Marlin Fire Arms Co., New Haven, Conn.
Tower & Lyon, 95 Chambers St., New York.
Wilkinson Mfg. Co., Binghamton, N. Y.

4232. HANDKERCHIEF BOXES.
Koch, Sons & Co., 543 Pearl St., New York.

4233. HARPOONS.
Eben Pierce, New Bedford, Mass.

4234. HAT CASES.
Crouch & Fitzgerald, 161 Broadway, New York.
Leatheroid Mfg. Co., Kennebunk, Me.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

4235. HAVERSACKS.
Hodgman Rubber Co., 593 Broadway, New York.
John F. McHugh, 54 W. 31st St., New York.
Wm. H. Wiley & Son, Hartford, Conn.

4236. HAY RACKS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
C. H. Boss, Exeter, R. I.
J. W. Fiske, 39 Park Place, New York.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
J. Herbertson's Sons, Cadwallader, Pa.
Howard & Morse, 45 Fulton St., New York.
C. L. Nesmith, Washington, Ill.
E. C. Stearns & Co., Syracuse, N. Y.
Stewart & Peterson Co., Burlington, N. J.

4237. HAY STACK COVERS.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
McAuley-Sellers Co., Columbus, O.

4238. HEEL PLATES.
J. K. Krieg & Co., 39 Warren St., New York.
Morse & Rogers, 138 Duane St., New York.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Richmond Bros., Newark, N. J.
Louis Sacks, Newark, N. J.
Sanford Mfg. Co., Boston, Mass.
Edward E. Spencer & Co., 34 Warren St., New York.

4239. HENS' WIRE NESTS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4240. HOG TROUGHS.
Lehr Agricultural Co., Fremont, O.

4241. HONES.
Carborundum Co., Niagara Falls, N. Y.
Cleveland Stone Co., Cleveland, O.
Pike Mfg. Co., Pike Station, N. H.

4242. HOOKS & EYES.
American Pin Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.

4243. HORSE BLOCKS.
Hurlbut Co., Racine, Wis.
Van Dorn Iron Works Co., Cleveland, O.

4244. HOSE REELS.
A. Adams & Co., Cleveland, O.
Blair Mfg. Co., Springfield, Mass.
Boston Woven Hose & Rubber Co., Cambridgeport, Mass.
J. A. Dubuar Mfg. Co., Northville, Mich.
Empire Rubber Mfg. Co., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 35 Warren St., New York.
Haydenville Mfg. Co., 73 Beekman St., New York.
Hurlbut Co., Racine, Wis.
King & Knight, Boston, Mass.
Racine Fire Engine Co., Ltd., Racine, Wis.
Union Mfg. Co., Toledo, O.
R. W. Whitehurst & Co., Norfolk, Va.
Winship Mfg. Co., Racine, Wis.

4245. HYDROGEN GAS APPARATUS.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.

4246. HYDROMETERS.
John Barry, 73 Gold St., New York.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.
R. Hoehn Co., 44 College Place, New York.
Hohman & Maurer Co., Rochester, N. Y.
John S. Huddleston, Boston, Mass.
Giuseppe Tagliabue, 302 Pearl St., New York.
Chas. J. Tagliabue, 53 Fulton St., New York.
Taylor Bros. Co., Rochester, N. Y.
Watertown Thermometer Co., Watertown, N. Y.
Henry Weinhagen, 22 N. William St., New York.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.
Wittemann Bros., 188 William St., New York.

4247. HYGROMETERS.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.

4248. ICE.
Arctic Ice Co., Cincinnati, O.
J. L. Bolles, Lawrence, Kan.
Champion Ice Mfg. & Cold Storage Co., Covington, Ky.
Consolidated Ice Co., 131 E. 23d St., New York.
Consumers' Co., 35th & Butler Sts., Chicago, Ill.

Dallas Ice Factory, Light & Power Co., Dallas, Tex.
Decatur Brewing Co., Decatur, Ill.
Distilled Water Ice Mfg. Co., Cairo, Ill.
Forest City Ice Co., Cleveland, O.
Great Falls Ice Co., Washington, D. C.
Haynes & De Witt Ice Co., Augusta, Me.
Houston Ice & Brewing Co., Houston, Pa.
Independent Ice Co., Washington, D. C.
Knickerbocker Ice Co., 6th & Archer Sts., Phila., Pa.
Muchattoes Lake Ice Co., Newburg, N. Y.
Neptune Ice Co., Galveston, Tex.
N. Y. Ice Co., 2 Cortlandt St., New York.
Schantz & Schwind Brewing Co., Dayton, O.
J. G. Spicer & Son, Edelstein, Ill.
Thos. J. Stewart River & Pond Co., Bangor, Me.
Wilson-Snyder Mfg. Co., Pittsburg, Pa.
Yates Ice Co., Kansas City, Mo.

4249. ICE CREEPERS. Sinclair-Scott Mfg. Co., Baltimore, Md.
Union Hardware Co., Torrington, Conn.

4250. ICE SKATING RINKS. Vilter Mfg. Co., Milwaukee, Wis.

4251. IMAGES. Anchor Silver Plate Co., Oswego, N. Y.

4252. INDIAN & BIRCH BARK GOODS.
John Cowmeadow Mfg. Co., Oswego, N. Y.
Hunt & Stowe, Old Town, Me.

4253. INDURATED FIBRE WARE.
H. Conant Co., Boston, Mass.
Cordley & Hayes, 172 Duane St., New York.
Delaware Hard Fibre Co., Wilmington, Del.
Jennings Bros., Fairfield, Conn.
United Indurated Fibre Co. of New Jersey, Lockport, N. Y.

4254. INSECT EXTERMINATOR SPRAYERS.
Buescher Mfg. Co., Elkhart, Ind.
J. A. Everitt, Seedsman, Indianapolis, Ind.
Mattson Rubber Co., 241 Greenwich St., New York.

4255. INVALID TRANSFER LIFTS.
Geo. F. Sargent Co., 289 4th Av., New York.

4256. IRON FOLDING GUARDS.
Thos. Dimond, 128 W. 33d St., New York.

4257. IRON MAGAZINES. Garry Iron & Steel Refining Co., Cleveland, O.

4258. IRON TRESTLE WORK.
Farrel Logan & Son, Commercial & Clay Sts., B'klyn, N. Y.

4259. IVORY GOODS. A. Ball & Co., 85 Market St., Chicago, Ill.
F. Grote & Co., 114 E. 14th St., New York.
Harvey & Watts Co., 1822 E. Venango St., Phila., Pa.
T. W. Holdenberg's Sons, 213 E. 33d St., New York.
Joseph Shardlow, 116 Fulton St., New York.

A. CUT IVORY. Comstock, Cheney & Co., Ivoryton, Conn.
B. IVORY FAN FRAMES. F. Grote & Co., 114 E. 14th St., New York.
C. IVORY SMALL PLATES. Denison Bros., Deep River, Conn.

4260. JACKET CANS. J. H. Pocock Can Co., St. Louis, Mo.
Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.
Wright Jacket Can Co., 268 S. Clinton St., Chicago, Ill.

4261. JARDINIERES. Anchor Silver Plate Co., Oswego, N. Y.
L. B. Beerbower & Co., Elizabeth, N. J.
A. H. Hews & Co., North Cambridge, Mass.
Horn & Brannen, 427 N. Broad St., Philadelphia, Pa.
Thomas Maddock & Sons, Trenton, N. J.
Manning, Bowman & Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.
Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Reed & Barton Corporation, Taunton, Mass.
Rockwood Pottery Co., Cincinnati, O.
Trenton Potteries Co., Trenton, N. J.

A. RATTAN JARDINIERES. Heywood Bros. & Wakefield Co., Gardner, Mass.

4262. JARDINIERE STANDS.
East Rockford Mantel Co., Rockford, Ill.
St. Anthony Furniture Co., St. Anthony Park, Minn.

4263. JEWELERS' TRAYS. Apel Mfg. Co., 23 Demond Place, Buffalo, N. Y.
Dennison Mfg. Co., Boston, Mass.
Wm. Hennings, 56 University Place, New York.
G. F. Kobb's Sons, 732 Sansom St., Philadelphia, Pa.
Western Tray Factory, Cincinnati, O.
Wiggers & Froelick, 60 Nassau St., New York.

4264. JEWELRY CASES. American Morocco Case Co., 40 E. 19th St., New York.

Apel Mfg. Co., 23 Demond Place, Buffalo, N. Y.
Dennison Mfg. Co., Boston, Mass.
Estate of John Barnett, 781 Broadway, New York.
Louis Ettlinger & Sons, 65 Nassau St., New York.
Hebbard & Bro., 860 Broadway, New York.
Wm. Hennings, 56 University Place, New York.
S. C. Jackson, 180 Broadway, New York.
G. F. Kobb's Sons, 732 Sansom St., Philadelphia, Pa.
Paulle, Minneapolis, Minn.
Henry H.Sheip Mfg. Co.,ColumbiaAv.& Randolph,Phila.,Pa.
Springfels Mfg. Co., Buffalo, N. Y.
Solomon Valfer & Co., 33 Maiden Lane, New York.
Wilcox Silver Plate Co., Meriden, Conn.

A. JEWELERS' SAMPLE CASES. Wiggers & Froelick, 60 Nassau St., New York.

4265. KEY CHAINS. Ames Sword Co., Chicopee, Mass.
Bridgeport Chain Co., Bridgeport, Conn. *32
Smith & Egge Mfg. Co., Bridgeport, Conn.
R. Wallace Sons Mfg. Co., Wallingford, Conn.

4266. KEY HOLDERS. Ames Sword Co., Chicopee, Mass.
Smith & Egge Mfg. Co., Bridgeport, Conn.

4267. KINETOPHONES. C. E. Stevens, 44 Broad St., New York.

4268. KNAPSACKS. John F. McHugh, 1263 Broadway, New York.

4269. LABORATORY APPARATUS.
J. & H. Berge, 95 John St., New York.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Eimer & Amend, 205 3d Av., New York.
S. Hawkridge, Hoboken, N. J.
Whitall, Tatum & Co., 410 Race St., Philadelphia, Pa.

4270. LADDERS. H. F. Brammer Mfg. Co., Davenport, Iowa.
Chesebro, Whitman Co., 302 E. 64th St., New York.
Davenport Ladder Co., Davenport, Iowa.
Thos. Dimond, 128 W. 33d St., New York.
W. L. Glidden, 1035 Atlantic Av., Brooklyn, N. Y.
Moline Pump Co., Moline, Ill.
R. W. Whitehurst & Co., Norfolk, Va.

A. COMBINED LADDER, BENCH & BOARD. Shepard & Co., Fulton, N. Y.

B. COMBINED STEP LADDER & TRUCK. I. X. L. & Goshen Pump Co., Goshen, Ind.

C. DOUBLE STEP LADDERS. Indiana Ladder Co., Indiana, Pa.

D. EXTENSION LADDERS. Davenport Ladder Co., Davenport, Iowa.
W. L. Glidden, 1025 Atlantic Av., Brooklyn, N. Y.
Indiana Ladder Co., Indiana, Pa.
Racine Fire Engine Co., Ltd., Racine, Wis.
Udell Woodenware Works, North Indianapolis, Ind.
Udell Works, Indianapolis, Ind.

E. FIRE LADDERS. Cable Ladder & Fire Escape Co., Fairfield, Me.
Davenport Ladder Co., Davenport, Iowa.
Jackson Architectural Iron Works, 315 E. 28th St., N. Y.
Racine Fire Engine Co., Ltd., Racine, Wis.

F. FOLDING LADDERS. Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Davenport Ladder Co., Davenport, Iowa.
L. H. Mace & Co., 111 E. Houston St., New York.

G. LADDER ROUNDS. Kerr Bros. & Co., Hicksville, O.
Menasha Woodenware Co., Menasha, Wis.
Sandusky Tool Co., Sandusky, O.

H. LADDER RUNGS. Frankfort Handle Mfg. Co., Frankfort, Ind.

I. LIBRARY STEPS. Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
L. H. Mace & Co., 111 E. Houston St., New York.
J. W. Mason & Co., 406 Pearl St., New York.
Robt. Mitchell Furniture Co., Cincinnati, O.

J. PAINTERS' LADDERS. Reilley Bros., 322 W. 41st St., New York.

K. PANTRY STEPS. Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
L. H. Mace & Co., 111 E. Houston St., New York.

L. ROLLING STORE LADDERS. Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Lane Bros. Co., Poughkeepsie, N. Y.
F. E. Myers & Bro., Ashland, O.

M. SHELF LADDERS. Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.

N. STEP LADDERS. Atlas Mfg. Co., Danville, Pa.
California Barrel Co., San Francisco, Cal.
Cooper & McKee, 119 Gwinnett St., Brooklyn, N. Y.
Davenport Ladder Co., Davenport, Iowa.
W. L. Glidden, 1035 Atlantic Av., Brooklyn, N. Y.
I. X. L. & Goshen Pump Co., Goshen, Ind.
L. H. Mace & Co., 111 E. Houston St., New York.

Paris Mfg. Co., South Paris, Me.
Pierce & Jewett, Forestville, N. Y.
Henry Schomer, 301 S. Canal St., Chicago, Ill.
Udell Woodenware Works, North Indianapolis, Ind.
Udell Works, Indianapolis, Ind.
Ira F. White & Son, 76 Park Place, New York.
R. H. Whitehurst & Co., Norfolk, Va.

O. STEP LADDERS, EXTENSION. Balm & Demeusy, Canton, O.

4271. LAUNDRY BLEACH. Delaney Oil & Lubricant Co., Milwaukee, Wis.

4272. LAWN GUARDS, PORTABLE.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4273. LEATHER GOODS, FANCY.
Wm. A. Haines, 133 N. 7th St., Philadelphia, Pa.

A. LEATHER GOODS SPECIALTIES. W. B. White & Son, Boston, Mass.

4274. LEG SPREADERS, COLT BREAKING.
Kalamazoo Wagon Co., Kalamazoo, Mich.

4275. LETTER BOXES, HALLWAY.
Hurlbut Co., Racine, Wis.
Yale & Towne Mfg. Co., Stamford, Conn.

4276. LIFE PRESERVERS. Armstrong Cork Co., Pittsburg, Pa.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
David Kahnweiler, 146 Worth St., New York.
Truslow & Co., 4 Platt St., New York.

4277. LIFE SAVING ROCKETS.
American Carrier Rocket Co., New Bedford, Mass.

4278. LIFTING JETS. Lee Injector Mfg. Co., Detroit, Mich. *5

4279. LINENOID SEAMLESS GOODS.
Crane Bros., Westfield, Mass.

4280. LITHOGRAPHED TIN PLATES.
Burger Mfg. Co., 351 11th St., Hoboken, N. J.

4281. LIVE FISH. Blackford's, Inc., 80 Fulton Market, New York.

4282. LIVE STOCK. J. M. Atlee, Scio, N. Y.
W. Atlee Burpee & Co., 475 N. 5th St., Philadelphia, Pa.
E. M. Gillet, Verona, Md.

A. BIRDS, PET. H. W. Vahle, 319 Market St., Philadelphia, Pa.

B. BIRDS, SONG. Wm. Suffregn, 126 4th Av., New York.

C. CATS, ANGORA. A. H. Streeter, Cummington, Mass.

D. CATS, MALTESE. Charles Knapp, 823 6th Av., New York.

E. CATTLE, ANGUS. D. Bradfute & Son, Cedarville, O.
Mary J. Doolittle, Atkinson, Neb.
Collins Dysart, Nachusa, Ill.
Wallace Estill, Estill, Mo.
J. Evans, Jr., & Son, Emerson, Iowa.
Grantington Farm, Chesnut, Ill.
A. P. Grout, Winchester, Ill.
L. H. Kerrick, Bloomington, Ill.
Thos. Mattinson, Jr., South Charleston, O.
W. A. McHenry, Denison, Iowa.
S. Melvin, Greenfield, Ill.
B. R. Pierce, Creston, Ill.

F. CATTLE, AYRSHIRE. J. F. Converse & Co., Woodville, N. Y.

G. CATTLE, BEEF. Aaron Barber, Avon, N. Y.
C. L. Barclay, West Liberty, Iowa.
J. M. Carey & Bro., Cheyenne, Wyo.
W. T. Clay, Plattsburg, Mo.
Forbes Bros., Henry, Ill.
N. H. Gentry, Sedalia, Mo.
Green Bros., Indianola, Ill.
H. C. Hooker, Willcox, Arizona.
Henry Huning, Showlow, Arizona.
J. K. Innes, Binghamton, N. Y.
O. Kimmell & Son, Kimmell, Ind.
J. T. Kinmouth & Son, Columbus City, Iowa.
E. B. Mitchel & Sons, Danvers, Ill.
Morton & Stafford, Nebraska City, Neb.
J. G. Myers, Kalona, Iowa.
J. F. Prather, Williamsville, Ill.
C. F. Rice, Indianola, Ill.
Smiths & Powell, Syracuse, N. Y.
Chenault Todd, Fayette, Mo.
G. E. Ward, Hawarden, Iowa.
John Wilson, Danvers, Ill.
W. I. Wood, Williamsport, O.

H. CATTLE, DEVON. W. F. Morse, Verona, Wis.

I.	CATTLE, DURHAM.	J. N. Woods & Sons, Gardner, Ill.
J.	CATTLE, GALLOWAY.	Peter Davy & Sons, Monterey, Wis.
		E. R. Hardy, Abingdon, Ill.
		J. C. Huntington, Rocksport, Mo.
		F. W. Stewart, Forrest, Ill.
		R. Sykes, Larchwood, Iowa.
K.	CATTLE, HOLSTEIN FRIESIAN.	W. B. Barney, Hampton, Iowa.
		N. J. Doty, Ferris, Tex.
		Smiths & Powell, Syracuse, N. Y.
		Henry Stevens & Sons, Lacona, N. Y.
		T. G. Yeoman & Sons, Walworth, N. Y.
L.	CATTLE, JERSEY.	Bear Creek Farm, Palmer, Ill.
		L. E. Shattuck, Strawberry, Mo.
M.	CATTLE, RED POLLED.	Mrs. B. R. Bohart, Elvira, Iowa.
		H. Lee Borden, Tonti, Ill.
		S. A. Converse, Cresco, Iowa.
		Dillon Stock Farm, Sterling, Ill.
		V. T. Hills, Delaware, O.
		J. W. Martin, Richland City, Wis.
		W. H. Seaman, Davenport, Iowa.
N.	CATTLE, SHORT HORNS.	Bear Creek Farm, Palmer, Ill.
		B. O. Cowan, Newpoint, Mo.
		C. L. Gerlaugh, Osborn, O.
		Geo. Harding & Son, Waukesha, Wis.
		W. P. Harned, Bunceton, Mo.
		Kellogg Stock Farm Co., Claridon, O.
		C. C. Norton, Corning, Iowa.
		A. H. Streeter, Cummington, Mass.
O.	CATTLE, SWISS.	C. M. Barton, Hinsdale, Ill.
P.	CHICKENS, BANTAM.	C. E. Adams, Burlington, Wis.
		Ezra Cornell, Ithaca, N. Y.
		M. Bliss Dewey, Concord, Mich.
		Alfred Doyle, Box 41, Morgan Park, Ill.
		George Enty, Templeton, Pa.
		Excelsior Wire & Poultry Supply Co., 28 Vesey St., N. Y.
		J. W. Flint, Scio, N. Y.
		Chas. M. Griffing, Shelter Island, N. Y.
		Nellie Hawks, Friend, Neb.
		Wm. M. Hughes, South Portsmouth, R. I.
		F. D. Lewis & Bro., Amsterdam, N. Y.
		Frank W. McKenzie, Concord, Mass.
		Frank Miller, Crestline, O.
		W. B. Morehead, Belleville, Wis.
		M. F. Norris, Lexington, Ky.
		L. T. Pease, Cisco, Ill.
		Thos. F. Rigg, Iowa Falls, Iowa.
		Wm. J. Schauble, Erie, Pa.
		E. R. Spaulding, Jeffrey, N. H.
		E. B. Thompson, Amenia, N. Y.
		G. G. Wherry, Galena, O.
Q.	CHICKENS, BARRED PLYMOUTH ROCK.	A. H. Streeter, Cummington, Mass.
R.	CHICKENS, BLACK LANGSHAN.	C. E. Adams, Burlington, Wis.
		Wm. M. Hughes, South Portsmouth, R. I.
		Hunt Bros., Greenwood, Ill.
S.	CHICKENS, COCHIN.	Crescent Farm, Kent, O.
T.	CHICKENS, DARK BRAHMA.	C. E. Adams, Burlington, Wis.
U.	CHICKENS, GAME.	E. W. Amsden, Ormond, Fla.
		F. G. Bouquet, Oswego, N. Y.
		John Skinner, Spicker, Neb.
		E. R. Spaulding, Jaffrey, N. H.
V.	CHICKENS, GOLDEN SEABRIGHT.	C. E. Adams, Burlington, Wis.
W.	CHICKENS, GUINEA.	George Enty, Templeton, Pa.
X.	CHICKENS, HOUDAN.	C. E. Adams, Burlington, Wis.
Y.	CHICKENS, LEGHORN.	Crescent Farm, Kent, O.
Z.	CHICKENS, PLYMOUTH ROCK.	C. E. Adams, Burlington, Wis.
		Crescent Farm, Kent, O.
		A. H. Streeter, Cummington, Mass.
AA.	CHICKENS, WHITE WYANDOTTE.	A. H. Streeter, Cummington, Mass.
BB.	DOGS, BEAGLE.	Geo. B. Hickman, West Chester, Pa.
		A. H. Streeter, Cummington, Mass.
CC.	DOGS, BLACK & TAN TERRIER.	Rochelle Kennels, New Rochelle, N. Y.
DD.	DOGS, BLOODHOUND.	J. L. Winchell, Fair Haven, Vt.

EE. DOGS, BULL TERRIER.	A. H. Streeter, Cummington, Mass.
FF. DOGS, COLLIE.	Chestnut Hill Kennels, Box 1630, Philadelphia, Pa.
	D. Q. Curry, Decatur, Mich.
	Lothian Kennels, Stepney, Conn.
	C. E. Osborne, Stepney, Conn.
	A. H. Streeter, Cummington, Mass.
GG. DOGS, FOX HOUND.	F. H. Hayes, Dexter, Me.
	A. H. Streeter, Cummington, Mass.
HH. DOGS, FOX TERRIER.	Chestnut Hill Kennels, Box 1630, Philadelphia, Pa.
	Rochelle Kennels, New Rochelle, N. Y.
II. DOGS, GREYHOUND.	H. C. Burdick, Springfield, Mass.
JJ. DOGS, IRISH SETTER.	R. H. Burr, Middletown, Conn.
	F. L. Cheney, Pittsfield, Mass.
KK. DOGS, ITALIAN GREYHOUND.	Henry L. Burdick, Springfield, Mass.
LL. DOGS, MASTIFF.	J. L. Winchell, Fair Haven, Vt.
MM. DOGS, NEWFOUNDLAND.	O. F. Connelly, Carlisle, Pa.
	A. H. Streeter, Cummington, Mass.
NN. DOGS, POINTER.	C. E. Osborne, Stepney, Conn.
OO. DOGS, PUG.	Henry C. Burdick, Springfield, Mass.
	C. E. Osborne, Stepney, Conn.
PP. DOGS, ST. BERNARD.	E. J. Blake, Hartford, Conn.
	J. W. Flint, Scio, N. Y.
	O. L. Magill, Howlands, Ind.
	E. H. Moore, Melrose, Mass.
	H. S. Pitkins, Box 385, Hartford, Conn.
	Wyoming Kennels, Melrose, Mass.
QQ. DOGS, SETTER.	Harry Braman, Terre Haute, Ind.
	Watson K. Ely, 1438 S. Penn Square, Philadelphia, Pa.
	Michael Flinn, Jr., Bristol, R. I.
RR. DOGS, SPANIEL.	Chestnut Hill Kennels, Box 1630, Philadelphia, Pa.
SS. DOGS, TOY TERRIER.	P. H. Coombs, Bangor, Me.
TT. DOGS, TRAINED.	H. C. Graff, Kensington, O.
UU. DUCKS.	E. W. Amsden, Ormond, Fla.
	Chatham Fields, 79th St. & Cottage Grove Av., Chicago, Ill.
	George Enty, Templeton, Pa.
	A. J. Hallock, Speonk, Long Island, N. Y.
	A. H. Streeter, Cummington, Mass.
VV. FERRETS.	C. P. Bradley, Napoleon, O.
	Adolph Isaacsen, 86 Fulton St., New York.
	J. Leffel, Springfield, O.
	S. P. Porter, Mallet Creek, O.
	L. G. Wenige, Belleville, Ill.
WW. GEESE.	George Enty, Templeton, Fla.
	A. H. Streeter, Cummington, Mass.
XX. GUINEA PIGS.	C. P. Bradley, Napoleon, O.
	C. Hamilton, Huntington, Pa.
	J. Leffel, Springfield, O.
	S. P. Porter, Mallet Creek, O.
YY. HARES.	A. L. Nye, Tiro, O.
	S. B. Porter, Mallet Creek, O.
ZZ. HORSES, CLEVELAND BAY.	Aikin Live Stock Co., Fort Collins, Col.
	Geo. E. Brown, Aurora, Ill.
AAA. HORSES, CLYDESDALE.	E. Bennett & Son, Topeka, Kan.
	Blair Bros., Aurora, Ill.
	Brookside Farm Co., Fort Wayne, Ind.
	Corvant Bros., Akron, O.
	Galbraith Bros., Janesville, Wis.
	Hadden, Scott & Monat, Janesville, Wis.
	Robert Holloway, Alexis, Ill.
	John C. Huston, Blandinsville, Ill.
	McLay Bros., Janesville, Wis.
	Singmaster Bros., Keota, Iowa.
	Smiths & Powell, Syracuse, N. Y.
BBB. HORSES, COACH.	Robert Burgess & Son, Wenona, Ill.
	Chestnut Hill Stock Farm, Chestnut Hill, Philadelphia, Pa.
	J. Crouch & Son, La Fayette, Ind.
	T. L. & J. L. De Lancey, Northfield, Minn.
	M. W. Dunham, Wayne, Ill.
	Hadden, Scott & Monat, Janesville, Wis.
	M. Laughlin Bros., Columbus, O.
	James S. Sanborn, Lewiston Junction, Me.
	Smiths & Powell, Syracuse, N. Y.
CCC. HORSES, FRENCH COACH.	T. L. & J. L. De Lancey, Northfield, Minn.
	M. W. Dunham, Wayne, Ill.
	M. Laughlin Bros., Columbus, O.

		A. H. Streeter, Cummington, Mass.
DDD.	HORSES, GERMAN COACH.	J. Crouch & Son, La Fayette, Ind.
		Hadden, Scott & Monat, Janesville, Wis.
EEE.	HORSES, HACKNEY.	Robert Burgess & Son, Wenona, Ill.
FFF.	HORSES, PERCHERON.	H. A. Briggs, Elkhorn, Wis.
		Robert Burgess & Son, Wenona, Wis.
		T. L. & J. L. De Lancey, Northfield, Minn.
		Mary J. Doolittle, Atkinson, Neb.
		M. W. Dunham, Wayne, Ill.
		W. L. Ellwood, De Kalb, Ill.
		Fletcher & Coleman, Wayne, Ill.
		Hadden, Scott & Monat, Janesville, Wis.
		Peter Hopley, Lewis, Iowa.
		Keiser Bros., Ligonier, Ind.
		M. Laughlin Bros., Columbus, O.
		T. W. Palmer, Detroit, Mich.
		Ezra Stetson & Son, Neponset, Ill.
GGG.	HORSES, SHIRE.	Blaire Bros., Aurora, Ill.
		Geo. E. Brown, Aurora, Ill.
		Robert Burgess & Son, Wenona, Ill.
		Cowan Bros., Akron, Iowa.
		Galbraith Bros., Janesville, Wis.
		R. Holloway, Alexis, Ill.
		Peter Hopley, Lewis, Iowa.
		Singmaster Bros., Keota, Iowa.
		Stericker Bros., Springfield, Ill.
HHH.	HORSES, SUFFOLK PUNCH.	Galbraith Bros., Janesville, Wis.
		Peter Hopley, Lewis, Iowa.
III.	HORSES, THOROUGHBRED.	A. J. Alexander, Spring Station, Ky.
		Bear Creek Farm, Palmer, Ill.
		Woodburn Farm, Woodburn Co., Ky.
JJJ.	HORSES, TROTTING.	A. J. Alexander, Spring Station, Ky.
		Bear Creek Farm, Palmer, Ill.
		Woodburn Farm, Woodburn Co., Ky.
KKK.	PIGEONS.	F. G. Boquet, Oswego, N. Y.
		George Enty, Templeton, Pa.
		F. O. Homel, 123 Lasalle St., Chicago, Ill.
		P. Newcomb, Cedar Rapids, Iowa.
		F. B. F. Rhodes, Nat. S. & R. Co., South Chicago, Ill.
		Stickley & Co., Nashville, Tenn.
LLL.	PIGEONS, HOMING.	F. O. Homel, 123 Lasalle St., Chicago, Ill.
MMM.	PONIES, SHETLAND.	A. J. Alexander, Spring Station, Ky.
NNN.	RABBITS.	C. F. Kingman & Co., Woodstock, Ill.
OOO.	SHEEP.	Capitan Sheep Co., Richardson, New Mexico.
		Geo. McKerrow, Sussex, Wis.
PPP.	SHEEP, COTSWOLD.	Geo. Harding & Sons, Waukesha, Wis.
QQQ.	SHEEP, DORSET.	E. M. Gillet, Verona, Md.
RRR.	SHEEP, MERINO.	Edwin L. Gage, De Ruyter, N. Y.
		E. D. King, Burlington, Kan.
		J. H. Kirkpatrick, Utica, O.
		Mahaffey Bros., West Union, O.
		G. A. & R. I. Page, Batavia, N. Y.
		T. M. Paxton, McConnells Mills, Pa.
		C. C. Rice & Co., Ilderton, Ontario.
		L. E. Shattuck, Strawberry, Mo.
SSS.	SHEEP, OXFORD.	Bear Creek Farm, Palmer, Ill.
TTT.	SHEEP, SHROPSHIRE.	Baldwin Sheep & Land Co., Hay Creek, Ore.
		E. Cooper, Adrian, Minn.
		Groves Bros., Concord, Mich.
		C. Hills & Son, Delaware, O.
		Kirkpatrick & Son, Connor, Kan.
		A. A. McClelland, Yorkville, Ill.
		William Ringwalt, New Castle, O.
		A. H. Streeter, Cummington, Mass.
UUU.	SHEEP, SOUTH DOWN.	A. J. Alexander, Spring Station, Ky.
VVV.	SWINE.	C. S. Barclay, West Liberty, Iowa.
		Bear Creek Farm, Palmer, Ill.
		Leslie Bromley, Weatherby, Mo.
		F. N. Clark, De Long, Ill.
		Robt. S. Cook, Wichita, Kan.
		John H. Duxbury & Bro., Hutton, Minn.
		George Enty, Templeton, Pa.
		E. M. Gillet, Verona, Md.
		C. G. Helming & Co., Waukon, Iowa.
		Geo. A. Heyl, Washington, Ill.
		W. A. Hill, Belton, Mo.

Hunt Bros., Greenwood, Ill.
E. F. Hurlbutt, Stonington, Ill.
G. M. Kiniken & Co., Hamilton, O.
Ed. Klever, Bloomingburg, O.
C. C. Krieger, Stonington, Ill.
J. A. Leland, Springfield, Ill.
S. W. Macy, Colfax, Iowa.
S. W. McDonnell, Vandalia, Mo.
T. E. Orth, Washington, Ill.
Thos. Richard, Vandalia, Mo.
Sayles & Son, Norcatur, Kan.
J. C. Shaw, Plattville, Ill.
O. H. Smelby, Jr., Waterville, Iowa.
A. H. Streeter, Cummington, Mass.
J. W. Stribling & Son, Earlham, Iowa.
W. C. Waite, Whitewater, Wis.
O. S. West, Paullina, Iowa.
I. N. Wolf, Alvo, Neb.
J. N. Woods & Sons, Gardner, Ill.

WWW. TURKEYS.
E. W. Amsden, Ormond, Fla.
George Enty, Templeton, Pa.
Oakland Poultry Farm, Kelsey, O.

4283. LIVE STOCK TAGS. Wilcox & Harvey Mfg. Co., 201 Lake St., Chicago, Ill.

4284. LODGE SUPPLIES. Wm. Beck & Sons, Cincinnati, O.
J. & R. Lamb, 59 Carmine St., New York.
M. C. Lilley & Co., Columbus, O.

4285. LUGGAGE CARRIERS.
G. Elder Adams, 26 Warren St., New York.
Overman Wheel Co., Chicopee Falls, Mass.
R. C. Wall Mfg. Co., 725 Arch St., Philadelphia, Pa.
J. J. Warren Co., Worcester, Mass.

4286. MAGIC LANTERNS. Badger Brass Mfg. Co., Kenosha, Wis.
J. B. Colt & Co., 5 W. 29th St., New York.
Folmer & Schwing Mfg. Co., 271 Canal St., New York.
Thos. Hall & Son, Boston, Mass.
S. Hawkridge, Hoboken, N. J.
B. Kahn & Son, 32 Maiden Lane, New York.
T. H. McAllister, 49 Nassau St., New York.
Weeden Mfg. Co., New Bedford, Mass.

A. MAGIC LANTERN SLIDES. C. W. Briggs, 628 Callowhill St., Philadelphia, Pa.
J. B. Colt & Co., 5 W. 29th St., New York.
Folmer & Schwing Mfg. Co., 271 Canal St., New York.
T. H. McAllister, 49 Nassau St., New York.

4287. MAIL BAGS.
A. MAIL BOXES. W. C. Heller & Co., Montclair, N. J.
B. OFFICE MAIL BAGS. American Railway Supply Co., Park Place, New York.
Bastedo Package & Cash Carrier Co., Chicago, Ill.
John Boyle & Co., 203 Fulton St., New York.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
T. B. Peddie & Co., Inc., Newark, N. J.
C. RAILROAD MAIL BAGS. F. Coit Johnson, 110 Worth St., New York.
T. B. Peddie & Co., Inc., Newark, N. J.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

4288. MAIL CHUTES. Cutler Mfg. Co., Rochester, N. Y.

4289. MAILING BOXES. Apel Mfg. Co., Buffalo, N. Y.

4290. MAPLE SUGAR MAKING FIXTURES.
J. A. Dubuar Mfg. Co., Northville, Mich.
C. C. Post, Burlington, Vt.
A. MAPLE SAP EVAPORATORS. Granite State Evaporator Co., 5 Beekman St., New York.

4291. MATCH HOLDERS. J. W. Fiske, 39 Park Place, New York.
Gillinder & Son, 135 Oxford St., Philadelphia, Pa.
Searls Mfg. Co., Newark, N. J.

A. MATCH BOXES. Alling & Co., 170 Broadway, New York.
M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
F. Grote & Co., 114 E. 14th St., New York.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

B. MATCH BOXES, LEATHER. C. F. Rumpp & Sons, N. 5th & Cherry Sts., Phila., Pa.
Gilbert T. Sutterley & Co., 38 N. 6th St., Philadelphia, Pa.

4292. MATCH IGNITERS, ENAMELLED. Caesar Bros., 112 Fulton St., New York.

4293. MATHEMATICAL INSTRUMENTS.
Wm. Ainsworth, Denver, Col.
Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.

F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Wm. Gardam & Son, 45 Rose St., New York.
Kueffel & Esser Co., 127 Fulton St., New York.
Robert Merrill's Sons, 110 Wall St., New York.
Queen & Co., 1010 Chestnut St., Philadelphia, Pa.
Stackpole & Bro., 41 Fulton St., New York.
Guiseppe Tagliabue, 302 Pearl St., New York.
Williams, Brown & Earle, 918 Chestnut St., Phila., Pa.

4294. MEASURES.
American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
Bellaire Stamping Co., Harvey, Ill.
Herman Kohlbusch, 59 Nassau St., New York.
Robert Porter's Sons, 326 N. 2d St., Philadelphia, Pa.
John Sommer's Son, Newark, N. J.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.

A. ALE & BEER MEASURES.
David Bloch, New York.
Central Stamping Co., 25 Cliff St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
X. Stoutenborough, 270 Pearl St., New York.
Herman Strater & Sons, Boston, Mass.
W. A. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

B. AUTOMATIC MEASURES.
Nichols & Shepard Co., Battle Creek, Mich.

C. COPPER MEASURES.
Aldrich & Ray Mfg. Co., Buffalo, N. Y.
Central Stamping Co., 25 Cliff St., New York.
Thomas Phillips Co., Providence, R. I.
X. Stoutenborough, 270 Pearl St., New York.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

D. ICE CREAM MEASURES.
Valentine Clad & Sons, 117 S. 11th St., Philadelphia, Pa.

E. IRON MEASURES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
W. J. Clark Co., Salem, O.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Reilley Bros., 322 W. 41st St., New York.
St. Louis Stamping Co., St. Louis, Mo.

F. OIL & GASOLINE MEASURES.
X. Stoutenborough, 270 Pearl St., New York.

G. STEEL MEASURES.
W. J. Clark Co., Salem, O.

H. TIN MEASURES.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.
Troy Stamping Works, Troy, N. Y.

I. VINEGAR MEASURES.
Cordley & Hayes, 172 Duane St., New York.
Edmands & Hooper, Charlestown, Mass.
John Sommer's Son, Newark, N. J.

J. WOODEN MEASURES.
Michigan Barrel Co., Grand Rapids, Mich.
Redlich Mfg. Co., 12 Oak St., Chicago, Ill.

4295. MEASURING INSTRUMENTS.
Tinius Olsen & Co., 500 N. 12th St., Philadelphia, Pa.

4296. MEASURING MECHANISM.
D. S. Plumb, 24 Boudinot St., Newark, N. J.

4297. MEASURING RODS.
Olin Scott, Bennington, Vt.

4298. MEAT JUICE EXTRACTORS.
Enterprise Mfg. Co. of Pa., N. 3d c. Dauphin St., Phila., Pa.

4299. MECHANICAL BURGLAR ALARMS.
Holmes Burglar Alarm Telegraph Co., New York.

4300. MECHANICAL INSTRUMENTS, INTRICATE.
McDonnell Odometer Co., Kenzie Av. & 35th St., Chic., Ill.
D. S. Plumb, 24 Boudinot St., Newark, N. J.
Sloan & Chace Mfg. Co., Ltd., Newark, N. J.

4301. MECHANICAL MOVEMENTS.
Star Mfg. Co., New Haven, Conn.

4302. MEGAPHONES.
Thos. Hall & Son, Boston, Mass.
Merriman Bros., East Boston, Mass.

A. ALUMINUM MEGAPHONES.
Pratt Mfg. Co., 167 Wooster St., New York.

B. LINENOID MEGAPHONES.
Crane Bros., Westfield, Mass.

4303. MEMORANDUM TABLETS.
Arlington Mfg. Co., 475 Broadway, New York.
J. C. Blair Co., Huntingdon, Pa.
F. Grote & Co., 114 E. 14th St., New York.
Wallace & Sons Mfg. Co., Wallingford, Conn.

4304. MEMORIAL BRASSES.
Gorham Mfg. Co., 889 Broadway, New York.
J. & R. Lamb, 59 Carmine St., New York.

4305. METALLIC BOTTLE CASES.
Hulbert Bros. & Co., 236 5th Av., New York.

4306. METALLIC SHIPPING CASKS.
W. J. Clark Co., Salem, O.

4307. METAL ORNAMENTS.
Grand Rapids Brass Co., Grand Rapids, Mich.

A. BRASS ORNAMENTS.
L. F. Grammes & Sons, Allentown, Pa.
H. L. Judd & Co., 87 Chambers St., New York.

W. H. Mullins, Salem, O.
New Jersey Lamp & Bronze Works, New Brunswick, N. J.
Novelty Mfg. Co., Waterbury, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.

B. BRONZE ORNAMENTS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Geo. Fischer & Bro., 209 Forsyth St., New York.
E. Ingraham Co., Bristol, Conn.
Kroeber Clock Co., 360 Broadway, New York.
Matthews & Willard Co., Waterbury, Conn.
M. E. Moore Bronze & Plate Co., 25 W. Broadway, N. Y.
New Jersey Lamp & Bronze Works, New Brunswick, N. J.

C. COPPER ORNAMENTS.
W. H. Mullins, Salem, O.
James P. Warren & Co., Chicago, Ill.

D. ZINC ORNAMENTS.
W. H. Mullins, Salem, O.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.

4308. METEOROLOGICAL APPARATUS, SPECIAL.
Thos. Hall & Son, Boston, Mass.

4309. MICA GOODS.
Mica Mfg. Co., 88 Fulton St., New York.

4310. MICROTOMES.
Jos. Zentmayer, 209 S. 11th St., Philadelphia, Pa.

4311. MODELS.
Chicago Model Works, 179 E. Madison St., Chicago, Ill.
W. J. Doyle, Rome, N. Y.
Lowell Model Co., Lowell, Mass.
Novelty Mfg. Co., Rock Island, Ill.
Specialty Mfg. Co., Waterbury, Conn.
John White, Allegheny City, Pa.

4312. MONEY DRAWERS.
Chicago Scale Co., 296 Jackson Boul., Chicago, Ill.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Egbert O. Wood, Nashua, N. H.

4313. MONOGRAMS, IVORY.
F. Grote & Co., 114 E. 14th St., New York.

4314. MOPS, COTTON.
John Blakeley & Son, 1085 Germantown Av., Phila., Pa.
Elkin Mfg. Co., Elkin, N. C.
Massasoit Mfg. Co., 56 Leonard St., New York.

4315. MORTARS & PESTLES.
Dicke Tool Co., Downers Grove, Ill.
Thomas Maddock & Sons, Trenton, N. J.
S. Obermayer Co., Cincinnati, O.
D. R. Sperry & Co., Batavia, Ill.
Stuart & Peterson Co., Burlington, N. J.
Williams & Marvin, Deep River, Conn.

4316. MOSAICS.
Gorham Mfg. Co., 889 Broadway, New York.
J. & R. Lamb, 59 Carmine St., New York.

4317. MOSQUITO CANOPIES.
John S. Gage, 510 Broadway, New York.
I. E. Palmer, Middletown, Conn. *33
Williams & Crudup, Meridian, Miss.

A. LACE CANOPIES.
I. E. Palmer, Middletown, Conn. *33

4318. MOVING PICTURE APPARATUS.
American Mutoscope Co., 841 Broadway, New York.
T. H. McAllister, 49 Nassau St., New York.

4319. MUCILAGE STANDS.
Morgan Envelope Co., Springfield, Mass.

4320. NAME PLATES.
Aluminum Sign & Novelty Co., Cincinnati, O.
Barnard Stamp Co., St. Louis, Mo.
Caesar Bros., 112 Fulton St., New York.
P. & F. Corbin, New Britain, Conn.
J. F. W. Dorman Co., Baltimore, Md.
Eastwood Wire Mfg. Co., Belleville, N. J.
Enterprise Mfg. Co., Akron, O.
Gong Bell Mfg. Co., Easthampton, Conn.
Wm. H. Howard, Dayton, O.
Geo. M. Ness, Jr., 61 Fulton St., New York.
New York Stencil Works, 100 Nassau St., New York.
John Robbins Mfg. Co., 114 Harrison St., Boston, Mass.
Russell & Erwin Mfg. Co., 45 Chambers St., New York.
Sargent & Co., New Haven, Conn.
Searls Mfg. Co., 27 Mulberry St., Newark, N. J.
William Sedgwick, 260 Clark St., Chicago, Ill.
Union Porcelain Works, 300 Eckford St., Brooklyn, N. Y.

A. GLASS NAME PLATES.
J. R. Donnelly & Co., 54 Classon Av., Brooklyn, N. Y.

B. MACHINERY NAME PLATES.
Homer D. Bronson Co., Beacon Falls, Conn.

4321. NAPKIN RINGS.
Anchor Silver Plate Co., Oswego, N. Y.
Arlington Mfg. Co., 475 Broadway, New York.
F. Grote & Co., 114 E. 14th St., New York.
Manning, Bowmann & Co., Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.

Queen Aluminum Co., Cincinnati, O.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Towle Mfg. Co., Newburyport, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Woods, Sherwood & Co., Lowell, Mass.

4322. NASAL DOUCHES. Mattson Rubber Co., 11 Broadway, New York.
Tyer Rubber Co., Andover, Mass.

4323. NAUTICAL INSTRUMENTS.
Chas. R. Albrecht, 62 Fulton St., New York.
Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.
John Bliss & Co., 128 Front St., New York.
F. E. Brandis, Sons & Co., 814 Gates Av., Brooklyn, N. Y.
Keuffel & Esser Co., 127 Fulton St., New York.
Robert Merrill's Sons, 110 Wall St., New York.
Stackpole & Bro., 41 Fulton St., New York.
G. Tagliabue, 302 Pearl St., New York.
Williams, Brown & Earle, 918 Chestnut St., Phila., Pa.

4324. NECKTIE CASES. Koch, Sons & Co., 543 Pearl St., New York.

4325. NEEDLE CASES. London Needle Co., 539 E. 116th St., New York.
New England Novelty Mfg. Co., Boston, Mass.
John Thornton & Co., 71 Franklin St., New York.

4326. NEEDLES. George H. Adams & Co., Hill, N. H.
Breedon & Son, Amsterdam, N. Y.
Wm. Clarke & Sons, 113 Adams St., Chicago, Ill.
Chas. Cooper, Bennington, Vt.
C. H. Crowley, 274 Church St., New York.
C. D. Dickinson & Son, North Hadley, Mass.
Dodge Needle Co., Manchester, N. H.
Excelsior Needle Co., Torrington, Conn.
Franklin Needle Co., Franklin, N. H.
Iwan Bros., Streator, Ill.
Robert Lenox, Cohoes, N. Y.
London Needle Co., 539 E. 116th St., New York.
H. Lydall & Foulds, Manchester, Conn.
National Needle Co., Springfield, Mass.
New England Awl & Needle Co., West Medway, Mass.
Standard Sewing Machine Co., Cleveland, O.
Wardwell Needle Co., Lakeport, N. H.

A. BROOM MAKERS' NEEDLES. C. D. Dickinson & Son, North Hadley, Mass.

B. CROCHET NEEDLES. C. J. Bates, Chester, Conn.
Brabant Needle Co., 47 Gt. Jones St., New York.
M. Klein & Bro., Bridgeport, Conn.
New England Novelty Mfg. Co., Boston, Mass.
Potter & Snell, Deep River, Conn.
Tiley, Pratt & Co., Essex, Conn.

C. KNITTING NEEDLES. C. J. Bates, Chester, Conn.
Loyal T. Ives, New Brunswick, N. J.

D. SELF-THREADING NEEDLES. New England Novelty Mfg. Co., Boston, Mass.

4327. NEST EGGS. Gill & Co., Inc., 2327 Thompson St., Philadelphia, Pa.
F. Hormann & Son, 2657 Sansom St., Philadelphia, Pa.

4328. NOTIONS. Geo. Frost & Co., 551 Tremont St., Boston, Mass.
Edward Jansen, 124 W. 19th St., New York.
Samuel Lippmann, 524 1st Av., New York.
Warner Bros. Co., 359 Broadway, New York.

4329. NOVELTIES. M. S. Benedict Mfg. Co., East Syracuse, N. Y.
C. N. Dennett & Co., Amesbury, Mass.
Robt. H. Ingersoll & Bros., 67 Cortlandt St., New York.
Kalamazoo Sled Co., Kalamazoo, Mich.
Waterbury Buckle Co., Waterbury, Conn.

A. ADVERTISING NOVELTIES. Hampden Toy Co., Westfield, Mass.
Kaufmann & Strauss Co., 368 Broadway, New York.
National Metal Edge Box Co., 621 Cherry St., Phila., Pa.
Scranton Button Co., Ltd., Scranton, Pa.
Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
Westcott-Jewell Co., Seneca Falls, N. Y.

B. ADVERTISING NOVELTIES, LEATHER. J. J. Warren Co., Worcester, Mass.

C. ALUMINUM NOVELTIES. Hutchins Mfg. Co., Springfield, Mass.

D. BRASS NOVELTIES. Brass Goods Mfg. Co., 117 Chambers St., New York.
Cheshire Mfg. Co., Cheshire, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Steele & Johnson Mfg. Co., Waterbury, Conn.
L. C. White Co., Waterbury, Conn.

E. ELECTRIC NOVELTIES. Cherry Electric Works, 25 3d Av., New York.

Ohio Electric Works, Cleveland, O.

F. ENGRAVED NICKEL BOXES. Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.

G. FURNITURE NOVELTIES. A. Meinecke & Son, Milwaukee, Wis.
C. D. Widman & Co., Detroit, Mich.

H. GERMAN SILVER NOVELTIES. Pairpoint Mfg. Co., 38 Murray St., New York.

I. LEATHER NOVELTIES. J. J. Cohn, 35 Maiden Lane, New York.
J. W. Klinger, 1025 Market St., Philadelphia, Pa.
Wm. Littauer & Co., 386 2d Av., New York.
Mass-Blum & Co., 370 Broadway, New York.
John Mehl & Co., Inc., Jersey City, N. J.
C. F. Rumpp & Sons, N. 5th & Cherry Sts., Phila., Pa.

J. METAL NOVELTIES. Buescher Mfg. Co., Elkhart, Ind.
W. J. Doyle, Rome, N. Y.
H. L. Judd & Co., 87 Chambers St., New York.
Novelty Mfg. Co., Waterbury, Conn.

K. PLUSH NOVELTIES. Koenig Bros., Jersey City, N. J.
Novelty Mfg. Co., Waterbury, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.

L. SHOW WINDOW NOVELTIES. Anthony Wayne Mfg. Co., Fort Wayne, Ind.

M. SILVER NOVELTIES. Bassett Jewelry Co., Providence, R. I.
Codding & Heilborn Co., North Attleboro, Mass.
Cory & Reynolds, Providence, R. I.
Theo. W. Foster & Bros. Co., Providence, R. I.
W. F. Herring & Co., Attleboro, Mass.
Read & Lincoln, Providence, R. I.
George W. Shiebler & Co., 33 Union Square, New York.
Simmons & Paye, Providence, R. I.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

N. SILVER PLATE NOVELTIES. Anchor Silver Plate Co., Oswego, N. Y.
Derby Silver Co., Derby, Conn.
Meriden Silver Plate Co., Meriden, Conn.

O. STRAW BRAID NOVELTIES. Edward Jansen, 124 W. 19th St., New York.

P. THERMOMETER NOVELTIES. F. Grote & Co., 114 E. 14th St., New York.
H. L. Judd & Co., 87 Chambers St., New York.
Meriden Britannia Co., Meriden, Conn.

Q. WHITE METAL NOVELTIES. Benfield & Milne Mfg. Co., Newark, N. J.
Wilbur B. Hall, Meriden, Conn.
A. H. Wirz, 917 Cherry St., Philadelphia, Pa.

R. WIRE NOVELTIES. Wm. Crabb & Co., Newark, N. J.
Wm. Smith's Sons, 5033 Portico St., Philadelphia, Pa.
C. T. Williamson Wire Novelty Co., Newark, N. J.
Woods, Sherwood & Co., Lowell, Mass.

4330. NURSERY STOCK. Ellwanger & Barry, Rochester, N. Y.
L. L. May & Co., St. Paul, Minn.
Smiths & Powell, Syracuse, N. Y.
Storrs & Harrison Co., Painesville, O.
West Jersey Nursery Co., Bridgeton, N. J.

4331. ODOMETERS. Thos. Hall & Son, Boston, Mass.
McDonnell Odometer Co., Kedzie St., Chicago, Ill.
U. S. Mfg. Co., Fond-du-Lac, Wis.

4332. ODORLESS EXCAVATORS. Wm. Kumpf, 2024 E. York St., Philadelphia, Pa.
Henry A. Noble, 203 Dock St., Philadelphia, Pa.

4333. OIL CAKES. Chicago Sugar Refining Co., W. Taylor & Beach Sts., Chic., Ill.

4334. OILED DUCK. John F. McHugh, 54 W. 31st St., New York.
H. M. Sawyer & Son, East Cambridge, Mass.
A. J. Tower, 18 Simmons St., Boston, Mass.
Zittlosen Mfg. Co., 106 N. Broadway, St. Louis, Mo.

4335. OIL SAVERS, GALVANIZED STEEL. W. J. Clark Co., Salem, O.

4336. OPERA GLASS LOANING MACHINES. Opera Glass Supply Co., 12 W. 28th St., New York.

4337. OPTICAL GOODS. T. H. McAllister, 49 Nassau St., New York.
S. F. Myers Co., 50 Maiden Lane, New York.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
Standard Optical Co., Geneva, N. Y.
W. B. White & Son, 105 Summer St., Boston, Mass.

A. CAMERA LUCIDAS. T. H. McAllister, 49 Nassau St., New York.

B. CAMERA OBSCURAS. T. H. McAllister, 49 Nassau St., New York.

C. CLAUDE LORRAINES. T. H. McAllister, 49 Nassau St., New York.

D. CRYSTALLIZED QUARTZ. Enos Adams Co., Bennington, Vt.

E. EYE MODELS. Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

F. EYE SHADES. Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
W. B. White & Son, 105 Summer St., Boston, Mass.

G. EYE TESTERS.	Johnston Optical Co., Detroit, Mich.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
H. EYE WATER.	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
I. FIELD GLASSES.	T. H. McAllister, 49 Nassau St., New York.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
J. GOGGLES.	Johnston Optical Co., Detroit, Mich.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
K. LENSE CASES.	J. J. Warren Co., Worcester, Mass.
L. LENSES.	Bausch & Lomb Optical Co., Rochester, N. Y.
	E. S. & W. S. Fowler, 38 Madison St., Chicago, Ill.
	F. H. McAllister, 49 Nassau St., New York.
	S. F. Myers Co., 50 Maiden Lane, New York.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
M. LENSES, BICYCLE LANTERN.	American Optical Co., Southbridge, Mass.
N. LENSES, BULLS EYE.	Sneath Glass Co., Hartford City, Ind.
O. LENSES, RAILWAY SIGNAL.	Libbey Glass Co., Toledo, O.
P. LENSES, STEREOSCOPIC.	A. C. White Co., North Bennington, Vt.
Q. LORGNETTES.	Krementz & Co., 49 Chestnut St., Newark, N. J.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
R. MAGNIFYING GLASSES.	Johnston Optical Co., Detroit, Mich.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
S. MARINE GLASSES.	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
T. MICROSCOPES.	Bausch & Lomb Optical Co., Rochester, N. Y.
	Julius King Optical Co., 2 Maiden Lane, New York.
	Meyrowitz Mfg. Co., 104 E. 23d St., New York.
	Jos. Zentmayer, 209 S. 11th St., Philadelphia, Pa.
U. MICROSCOPICAL SLIDE CABINETS.	Milton Bradley, Springfield, Mass.
V. MICROSCOPICAL SLIDES.	Parke, Davis & Co., Detroit, Mich.
W. OPERA GLASS BAGS.	Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
	C. F. Rumpp & Sons, Cherry & N. 5th Sts., Phila., Pa.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
X. OPERA GLASSES.	J. F. Fradley & Co., Inc., 23 John St., New York.
	C. P. Goerz, 52 Union Square, New York.
	Henry J. Green, 1191 Bedford Av., Brooklyn, N. Y.
	Julius King Optical Co., 2 Maiden Lane, New York.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
Y. OPERA GLASSES, COLLAPSIBLE.	C. P. Goerz, 52 Union Square, New York.
Z. OPERA GLASS HOLDERS.	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
AA. OPTHALMOSCOPES.	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
BB. OPTICAL INSTRUMENTS.	Alvan Clark & Sons, Cambridge, Mass.
	Heller & Brightly, Spring Garden & Ridge Av., Phila., Pa.
CC. OPTICAL TOOLS & MACHINERY.	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
DD. PICK GLASSES.	Wm. T. Gregg, 104 Fulton St., New York.
EE. READING GLASSES.	Johnston Optical Co., Detroit, Mich.
	Meriden Britannia Co., Meriden, Conn.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
FF. SPY GLASS CASES.	Leatheroid Mfg. Co., Kennebunk, Me.
	McIntire, Magee & Brown, 723 Sansom St., Phila., Pa.
GG. SPY GLASSES.	McIntire, Magee & Brown, 723 Sansom St., Phila., Pa.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
HH. STEREOGRAPHOSCOPES.	Geneva Optical Co., 67 Washington St., Chicago, Ill.
	H. C. White Co., North Bennington, Vt.
II. STEREOSCOPES.	McIntire, Magee & Brown, 723 Sansom St., Phila., Pa.
	H. C. White Co., North Bennington, Vt.
JJ. TELESCOPE CASES.	N. M. Freling, Kansas City, Mo.
KK. TRIAL CASES & FRAMES.	American Optical Co., Southbridge, Mass.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
	Standard Optical Co., Geneva, N. Y.
	H. C. Underwood Mfg. Co., Wabash, Ind.
LL. WATCHMAKERS' GLASSES.	Johnston Optical Co., Detroit, Mich.
4338. ORANGE SIZERS.	J. T. Cairns, De Land, Fla.
4339. ORATORYS.	Anchor Silver Plate Co., Oswego, N. Y.
4340. OX MUZZLES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Bromwell Brush & Wire Goods Co., Cincinnati, O.
	Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	C. O. Jeliff & Co., Southport, Conn.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
4341. OXY-CALCIUM LIGHT APPARATUS.	J. B. Colt & Co., 3 W. 29th St., New York.
4342. OXYGEN GAS APPARATUS.	Thos. Hall & Son, 79 Franklin St., Boston, Mass.

4343. OX YOKES AND BOWS.
A. B. Farquhar & Co., York, Pa.
Iowa Farming Tool Co., Fort Madison, Iowa.
Sinclair-Scott Mfg. Co., Baltimore, Md.

4344. PACKAGE CARRIERS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
Westcott-Jewell Co., Seneca Falls, N. Y.

4345. PALM LEAF. N. L. Johnson, Dana, Mass.

4346. PAPER BOTTLES. W. C. Ritchie & Co., 203 S. Green St., Chicago, Ill.

4347. PAPER PLATES. Crume & Sefton Mfg. Co., Dayton, O.

4348. PAPER STRAWS. Marvin C. Stone, Washington, D. C.

4349. PAPIER MACHÉ ARTICLES.
H. Berger's Sons, 101 4th Av., New York.
O. B. Petersen, 999 W. Lake St., Chicago, Ill.
A. Schoenhut Co., 2215 Adams St., Philadelphia, Pa.

4350. PARLOR BALLS. Chas. F. Brailing, Bridgeport, Conn.

4351. PASTEURIZING APPARATUS.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.

4352. PATTERNS.

A. PAPER PATTERNS.
Butterick Publishing Co., Ltd., 9 W. 13th St., New York.
Estate of W. Jennings Demorest, 15 E. 14th St., New York.
McCall Co., 138 W. 14th St., New York.
McDowell Garment Drafting Mach. Co., 170 5th Av., N. Y.

B. STAMPING PATTERNS. Aug. Bernard, 401 Canal St., New York.

4353. PEARL GOODS. Louis Cohen, Providence, R. I.

4354. PEDOMETERS. A. G. Spaulding & Bros., 132 Nassau St., New York.

4355. PERFORATED MUSIC FOR AUTOMATIC INSTRUMENTS.
Maestro Co., Elbridge, N. Y.

4356. PETROLATUM.
Binghamton Oil Refining Co., Binghamton, N. Y.
Chesebrough Mfg. Co., 24 State St., New York.
Cleveland Petrolatum Co., Cleveland, O.
Colgate & Co., 55 John St., New York.
Freedom Oil Works Co., Freedom, Pa.
Monitor Oil Co., Cleveland, O.
W. H. Schieffelin & Co., 170 William St., New York.
Union Petrolatum Co., 138 S. 4th St., Philadelphia, Pa.

A. CERESINE. Cleveland Petrolatum Co., Cleveland, O.

B. PETROLATUM JELLY. Cleveland Petrolatum Co., Cleveland, O.
Tide Water Oil Co., 12 Broadway, New York.

4357. PEW NUMBERS. S. H. Quint & Sons, 15 S. 4th St., Philadelphia, Pa.

4358. PHARMACEUTICAL APPARATUS.
Bullock & Crenshaw, 528 Arch St., Philadelphia, Pa.
J. H. Day & Co., Cincinnati, O.

4359. PHILOSOPHICAL INSTRUMENTS.
Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.
Wm. Gardam & Son, 45 Rose St., New York.
Thos. Hall & Son, 79 Franklin St., Boston, Mass.
Robert Merrill's Sons, 110 Wall St., New York.
Stackpole & Bro., 41 Fulton St., New York.
G. Tagliabue, 302 Pearl St., New York.
Williams, Earle & Brown, 918 Chestnut St., Phila., Pa.

4360. PHOTOGRAPH CASES.
Koch, Sons & Co., 543 Pearl St., New York.
C. F. Rumpp & Sons, Cherry & N. 5th Sts., Philadelphia, Pa.

4361. PHOTOGRAPH MEDALLIONS.
Taber-Prang Art Co., Springfield, Mass.

4362. PHOTOMETERS.
Helme & McIlhenny, 1339 Cherry St., Philadelphia, Pa.
D. McDonald & Co., Albany, N. Y.
National Meter Co., 84 Chambers St., New York.
Nathaniel Tufts Meter Co., Boston, Mass.

4363. PHYSICIANS' TABLES.
W. D. Allison Co., Indianapolis, Ind. *2

4364. PHYSIOLOGICAL APPARATUS.
Chic. Laboratory Supply & Scale Co., 39 W. Randolph, Chic., Ill.

4365. PIANO COVERS.
Goodyear Rubber Co., 787 Broadway, New York.
Lyon & Healy, 199 Wabash Av., Chicago, Ill.
Frank Heide, Philadelphia, Pa.
Henry Holtzman & Sons, Columbus, O.
W. W. Kimball Co., 243 Wabash Av., Chicago, Ill.
Fred. W. Leonhard, 310 Church St., New York.
Francis Neppert, Jr., 390 Canal St., New York.
H. W. Plant, 56 Leonard St., New York.

A. PIANO SCARFS.
Chas. Parker Co., Meriden, Conn.
D. E. Sicher & Co., 105 Wooster St., New York.

4366. PICTURES.

A. FRAMED PICTURES. Taber-Prang Art Co., Springfield, Mass.

B. RELIGIOUS PICTURES.	Hickok & Pate, 108 Fulton St., New York.
C. WATER COLOR SKETCHES.	Hickok & Pate, 108 Fulton St., New York.
4367. PILLOW SHAMS.	Kursheedt Mfg. Co., 356 W. Broadway, New York.
	D. E. Sicher & Co., 105 Wooster St., New York.
	Siegel Bros., 65 Wooster St., New York.
	Whitehead & Asiel, 28 University Place, New York.
A. PILLOW SHAM HOLDERS.	Tie Co., Unadilla, N. Y.
4368. PIN CUSHIONS.	Anchor Silver Plate Co., Oswego, N. Y.
	Arlington Mfg. Co., 475 Broadway, New York.
	M. S. Benedict Mfg. Co., East Syracuse, N. Y.
	Brass Goods Mfg. Co., 254 State St., Brooklyn, N. Y.
	F. Grote & Co., 114 E. 14th St., New York.
	Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
4369. PINS.	American Pin Co., Waterbury, Conn.
	Benedict & Burnham Mfg. Co., Waterbury, Conn.
	Foster, Merriam & Co., Meriden, Conn.
	Howe Mfg. Co., Derby, Conn.
	Jewell Belting Co., Hartford, Conn.
	Jewell Pin Co., Hartford, Conn.
	Judson Pin Co., Rochester, N. Y.
	National Pin Co., Detroit, Mich.
	New England Pin Co., Winsted, Conn.
	Oakville Co., Waterbury, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Star Pin Co., Shelton, Conn.
	United States Pin Co., Seymour, Conn.
A. BRASS PINS.	American Pin Co., Waterbury, Conn.
	Howe Mfg. Co., Derby, Conn.
	Landers, Frary & Clark, New Britain, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
B. BUTTON PINS.	Howe Mfg. Co., Derby, Conn.
	New England Novelty Mfg. Co., Boston, Mass.
C. DRAPERY PINS.	American Pin Co., Waterbury, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
D. EYE PINS.	Howe Mfg. Co., Derby, Conn.
E. HAT PINS.	American Pin Co., Waterbury, Conn.
	American Ring Co., Waterbury, Conn.
	Codding & Heilborn Co., North Attleboro, Mass.
	Foster, Merriam Co., Meriden, Conn.
	Grand Rapids Brass Co., Grand Rapids, Mich.
	Hancock, Decker & Co., Providence, R. I.
	W. F. Herring & Co., Robinson Bldg., Attleboro, Mass.
	Howe Mfg. Co., Derby, Conn.
	H. L. Judd & Co., 87 Chambers St., New York.
	Wm. Loeb & Co., 101 Sabine St., Providence, R. I.
	Meriden Malleable Iron Co., Meriden, Conn.
	Sloan & Co., 21 Maiden Lane, New York.
F. HEADLESS PINS.	American Pin Co., Waterbury, Conn.
	Howe Mfg. Co., Derby, Conn.
G. IRON PINS.	American Pin Co., Waterbury, Conn.
	Howe Mfg. Co., Derby, Conn.
H. MIXED PINS.	Howe Mfg. Co., Derby, Conn.
I. MOURNING PINS.	Howe Mfg. Co., Derby, Conn.
J. PIN BOOKS.	Howe Mfg. Co., Derby, Conn.
K. SAFETY PINS.	American Pin Co., Waterbury, Conn.
	B. A. Ballou & Co., Providence, R. I.
	Brass Goods Mfg. Co., 254 State St., Brooklyn, N. Y.
	Judson Pin Co., Rochester, N. Y.
	Oakville Co., Waterbury, Conn.
	Turner & Seymour Mfg. Co., Torrington, Conn.
	H. Twitchell & Son, Union City, Conn.
	Waterbury Button Co., Waterbury, Conn.
L. SCARF MANUFACTURERS' PINS.	Howe Mfg. Co., Derby, Conn.
M. TAG PINS.	American Pin Co., Waterbury, Conn.
N. TAPE PINS.	Howe Mfg. Co., Derby, Conn.
O. TOILET PINS.	Howe Mfg. Co., Derby, Conn.
	Jewell Belting Co., Hartford, Conn.
	Jewell Pin Co., Hartford, Conn.
	Plume & Atwood Mfg. Co., Waterbury, Conn.
	Waterbury Button Co., Waterbury, Conn.
4370. PLANIMETERS.	Buffalo Indicator Co., Jamestown, N. Y.
	James L. Robertson & Son, 204 Fulton St., New York.
4371. PLANT BOXES.	J. W. Fiske, 39 Park Place, New York.
4372. PLAQUES.	H. L. Judd & Co., 87 Chambers St., New York.

A. PLAQUE & PLATE HANGERS.
Ledig Co., 248 N. 8th St., Philadelphia, Pa.
Woods, Sherwood & Co., Lowell, Mass.

4373. PLATINUM.
Baker & Co., Newark, N. J.
Eimer & Amend, 205 3d Av., New York.

4374. PLUGS, WOODEN.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
John Sommer's Son, Newark, N. J.
U. S. Bung Mfg. Co., 50 S. 2d St., Brooklyn, N. Y.

A. DECK PLUGS.
J. A. Dubuar Mfg. Co., Northville, Mich.
Redlich Mfg. Co., 10 Oak St., Chicago, Ill.
U. S. Bung Mfg. Co., 50 S. 2d St., Brooklyn, N. Y.

B. GLUE PLUGS.
U. S. Bung Mfg. Co., 50 S. 2d St., Brooklyn, N. Y.

4375. PLUMBAGO GOODS.
McCullough-Dalzell Co., 36th St., Pittsburg, Pa.

4376. PNEUMATIC DESPATCH SYSTEMS.
Creamery Package Mfg. Co., 1 W. Washn. St., Chicago, Ill.
James Reilly Repair & Supply Co., 229 West St., New York.

A. PNEUMATIC DESPATCH TUBES.
Bastado Package & Cash Carrier Co., Chicago, Ill.
Zimdars & Hunt, 127 5th Av., New York.

4377. POCKET BOOKS.
Arms Mfg. Co., South Deerfield, Mass.
Bates Bros. Co., Athol, Mass.
Culbert & Co., 24 Madison Lane, New York.
Eckelhofer Bros., Newark, N. J.
Ira I. England, Providence, R. I.
Wm. A. Haines, 133 N. 7th St., Philadelphia, Pa.
F. W. Klinger, 1025 Market St., Philadelphia, Pa.
P. W. Lambert & Co., 66 Lispenard St., New York.
Langfeld Bros. & Co., 723 Arch St., Philadelphia, Pa.
Wm. Littauer & Co., 388 2d Av., New York.
L. Livingston & Co., 537 Broadway, New York.
Maas, Blum & Co., 370 Broadway, New York.
John Mehl & Co., Jersey City, N. J.
T. B. Peddie & Co., Newark, N. J.
C. F. Rumpp & Sons, Cherry & N. 5th Sts., Phila., Pa.
Scheuer & Bro., 329 Canal St., New York.

A. BANK NOTE BOOKS.
Scheuer & Bro., 329 Canal St., New York.

B. PORTEMONNAIES.
Bates Bros. & Co., Athol, Mass.
Culbert & Co., 24 Maiden Lane, New York.
Deitsch Bros., 14 E. 17th St., New York.
International Silver Co., Meriden, Conn.
John Mehl & Co., Jersey City, N. J.
C. F. Rumpp & Sons, Cherry & N. 5th Sts., Phila., Pa.

C. PURSES.
Arms Mfg. Co., South Deerfield, Mass.
Bates Bros. Co., Athol, Mass.
Culbert & Co., 24 Maiden Lane, New York.
Lehman & Raudnitz, Hoboken, N. J.
Maas, Blum & Co., 370 Broadway, New York.
C. F. Rumpp & Sons, Cherry & N. 5th Sts., Phila., Pa.
Scheuer & Bro., 329 Canal St., New York.
J. J. Warren Co., 8 Washington Sq., Worcester, Mass.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.

4378. POCKET MINE TRANSITS.
Wm. Ainsworth, 2151 Lawrence St., Denver, Col.

4379. POLARISCOPES.
Eimer & Amend, 205 3d Av., New York.
Herman Kohlbusch, 59 Nassau St., New York.

4380. POLES.

A. BARBER POLES.
H. Pauk & Sons Mfg. Co., 1313 N. 15th St., St. Louis, Mo.

B. CEDAR POLES.
Lindsley Bros., Menominee, Mich.
White Marble Lime Co., Manistique, Mich.
Wisconsin Land & Lumber Co., Hermansville, Mich.

C. CREOSOTED POLES.
Michigan Pipe Co., Bay City, Mich.

D. EXHIBITION POLES.
John Campbell, Manchester, N. H.

E. PIKE POLES.
Kerr Bros. & Co., Hicksville, O.

4381. POLE STEPS.
Hoopes & Townsend, 1330 Buttonwood St., Phila., Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Wheeling Hinge Co., Wheeling, W. Va.

4382. POLICE EQUIPMENTS.
Anderson & Jones, 190 Grand St., New York.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
John P. Lowell Arms Co., 147 Washn. St., Boston, Mass.
Tower & Lyon, 95 Chambers St., New York.

4383. POLISH, LEATHER.

A. PATENT LEATHER POLISH.
C. L. Hauthaway & Sons, Boston, Mass.
James S. Mason Co., 140 N. Front St., Philadelphia, Pa.
Frank Miller Co., 349 W. 26th St., New York.
L. M. West Mfg. Co., Rockford, Ill.

B. RUSSET POLISH.
S. M. Bixby & Co., 194 Hester St., New York.
C. L. Hauthaway & Sons, Boston, Mass.

Frank Miller Co., 349 W. 26th St., New York.
Whittemore Bros. & Co., 237 Albany St., Boston, Mass.

C. SHOE BLACKING AND PASTE.
Chas. F. Baker & Co., 50 Lincoln St., Boston, Mass.
S. M. Bixby & Co., 194 Hester St., New York.
B. F. Brown & Co., 156 Commercial St., Boston, Mass.
Diamond, McDonnell & Co., 409 N. 4th St., Phila., Pa.
Martell Co., 225 Dearborn St., Chicago, Ill.
James S. Mason Co., 140 N. Front St., Philadelphia, Pa.
Frank Miller Co., 349 W. 26th St., New York.
Geo. A. Moss, 167 Reade St., New York.
J. L. Prescott & Co., 90 W. Broadway, New York.
Whittemore Bros. & Co., 237 Albany St., Boston, Mass.
Geo. H. Wood Co., 436 Atlanta Av., Boston, Mass.
World Refining Co., Easton, Pa.

D. SHOE BRONZES.
Chas. L. Hauthaway & Sons, Boston, Mass.
Whittemore Mfg. Co., 31 South St., Boston, Mass.

E. SHOE DRESSING.
Chas. F. Baker & Co., Boston, Mass.
S. M. Bixby & Co., 194 Hester St., New York.
B. F. Brown & Co., 156 Commercial St., Boston, Mass.
Continental Mfg. Co., 330 N. 3d St., Philadelphia, Pa.
Diamond, McDonnell & Co., 409 N. 4th St., Phila., Pa.
Eclipse Cement Co., 1240 N. 44th St., Philadelphia, Pa.
Chas. L. Hauthaway & Sons, Boston, Mass.
Martell Co., 225 Dearborn St., Chicago, Ill.
Jas. S. Mason & Co., 140 N. Front St., Philadelphia, Pa.
Frank Miller Co., 349 W. 26th St., New York.
Geo. A. Moss, 167 Reade St., New York.
Restorff & Bettman, 35 Bond St., New York.
A. Viscal Co., East Cambridge, Mass.
Whittemore Bros. & Co., 237 Albany St., Boston, Mass.
Geo. H. Wood Co., 436 Atlanta Av., Boston, Mass.
World Refining Co., Easton, Pa.

F. SHOE POLISH.
Chas. F. Baker & Co., Boston, Mass.
B. F. Brown & Co., 156 Commercial St., Boston, Mass.
Handy Shoe Brush & Polish Co., Racine, Wis.
Chas. L. Hauthaway & Sons, Boston, Mass.
Restroff & Bettman, 35 Bond St., New York.
Whittemore Bros. & Co., 237 Albany St., Boston, Mass.

4384. POLISH, METAL.
American Oil Co., 180 S. Water St., Providence, R. I.
Borsum Bros., 202 Fulton St., New York.
Burnham & Co., 28 Warren St., New York.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Geo. K. Hazlitt & Co., 373 Dearborn St., Chicago, Ill.
Matchless Metal Polish Co., 88 Market St., Chicago, Ill.
Pettit Chemical Co., 256 Front St., New York.
Barnet R. Rapp, 301 S. New St., West Chester, Pa.
F. B. Stevens, 12 Atwater St., Detroit, Mich.
E. F. Walcott & Co., Marlboro, Mass.

A. NICKEL POLISH.
Matchless Metal Polish Co., 88 Market St., Chicago, Ill.
National Cement & Rubber Mfg. Co., Toledo, O.

B. POLISHING LIQUID.
Matchless Metal Polish Co., 88 Market St., Chicago, Ill.
Michael Niver, Niverville, N. Y.
John M. Watt's Sons, 136 Liberty St., New York.

C. POLISHING PASTE.
Borsum Bros., 202 Fulton St., New York.
Burnham & Co., 28 Warren St., New York.
W. W. Callery & Co., Pittsburg, Pa.
Greenwich Mfg. Co., 56 Vesey St., New York.
Matchless Metal Polish Co., 88 Market St., Chicago, Ill.
Geo. A. Moss, 156 Reade St., New York.

D. POLISHING POWDER.
Borsum Bros., 202 Fulton St., New York.
Burnham & Co., 28 Warren St., New York.
Electro-Silicon Co., 30 Cliff St., New York.
Greenwich Mfg. Co., 56 Vesey St., New York.
Matchless Metal Polish Co., 88 Market St., Chicago, Ill.

E. SILVER POLISH.
Dennison Mfg. Co., 26 Franklin St., Boston, Mass.
Electro-Silicon Co., 30 Cliff St., New York.
Matchless Metal Polish Co., 88 Market St., Chicago, Ill.
Meriden Britannia Co., Meriden, Conn.
Reed & Barton Corporation, Taunton, Mass.
L. A. Salomon & Bro., 216 Pearl St., New York.

F. STOVE PIPE ENAMEL.
Detroit White Lead Works, Detroit, Mich.
Gerstendorfer Bros., 43 Park Place, New York.
C. W. Hart, Troy, N. Y.

G. STOVE POLISH.
American Chemical Mfg. & Mining Co., Rochester, N. Y.
Atlas Paint Co., Ltd., Pittsburg, Pa.
A. Colburn Co., 110 N. 2d St., Philadelphia, Pa.

Jos. Dixon Crucible Co., Jersey City, N. J.
C. W. Hart, Troy, N. Y.
Morse Bros., Canton, Mass.
Geo. A. Moss, 165 Reade St., New York.
New England Novelty Mfg. Co., 24 Portland St., Boston, Mass.
Nickel Plate Stove Polish Co., 461 Illinois St., Chicago, Ill.
S. Obermayer Co., Cincinnati, O.
A. W. Perkins & Co., Rutland, Vt.
Phoenix Plumbago Mining Co., 1712 N. 9th St., Phila., Pa.
J. L. Prescott & Co., 90 W. Broadway, New York.
Rutland Fire Clay Co., Rutland, Vt.
J. D. Smith Foundry Supply Co., 2134 Central Av., Cinn., O.
Thalman Mfg. Co., Baltimore, Md.

4385. PORTABLE SMOKE HOUSES.
B. Staubach, 652 E. 12th St., New York.

4386. POSTAL BINS. Fenton Metallic Mfg. Co., Jamestown, N. Y.

4387. POSTAL CAR RACKS.
Fenton Metallic Mfg. Co., Jamestown, N. Y.
Harrison Postal Bag Rack Co., Fond-du-Lac, Wis.

4388. POST OFFICE BOXES.
Miller Lock Co., 4523 Tacony St., Philadelphia, Pa.
Sidney Shepard & Co., Buffalo, N. Y.
Yale & Towne Mfg. Co., Stamford, Conn.

4389. POULTRY FOOD. Allerton Caponizer Mfg. Co., Allerton, Iowa.
Excelsior Wire & Poultry Supply Co., 28 Vesey St., N. Y.
B. T. Henry, North Bennington, Vt.
Carroll S. Page, Hyde Park, Vt.
George H. Stahl, 122 S. 6th Av., Quincy, Ill.
York Chemical Works, York, Pa.

A. CRUSHED FLINT AND SHELLS. York Chemical Works, York, Pa.

4390. POULTRY FOUNTAINS, GALVANIZED.
Iron Clad Mfg. Co., 22 Cliff St., New York.

4391. POULTRY HOUSES. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4392. POULTRYMEN'S GRIT CRUSHERS.
C. W. Costellow, Waterborough, Me.

4393. POWDER, INSECT. Allaire, Woodward & Co., Peoria, Ill.
Allerton Caponizer Mfg. Co., Allerton, Iowa.
Buhach Producing & Mfg. Co., Stockton, Cal.
J. A. Everitt, Seedsman, Indianapolis, Ind.
Hammond's Paint & Slug Shot Wks., Fishkill-on-Hudson, N.Y.
McKesson & Robbins, 91 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
Petaluma Incubator Co., Petaluma, Cal.
Chas. F. Risley & Co., 108 Greenwich St., New York.
D. B. Smith & Co., Utica, N. Y.
F. C. Sturtevant, Hartford, Conn.
Tyler & Finch, 54 Cedar St., New York.
Worcester Compound Co., 56 Front St., Worcester, Mass.

4394. PRECISION INSTRUMENTS.
Warner & Swasey, Cleveland, O.

4395. PRESSED BRICK TIES.
W. H. Anderson & Sons, Detroit, Mich.

4396. PRICE MARKERS. R. H. Smith Mfg. Co., Springfield, Mass. *16

4397. PRINTED COTTON POSTERS.
Gulf Bag Co., Ltd., New Orleans, La.

4398. PROJECTOSCOPES. Edison Phonograph Agency, 44 Broad St., New York.

4399. PYRITES BURNERS. Valk & Murdock Iron Works, Charleston, S. C.

4400. RADIATOR AIR VENTS.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.

4401. RAIN GAUGES. Thos. Hall & Son, 79 Franklin St., Boston, Mass.

4402. REDUCING WHEELS. Buffalo Indicator Co., Jamestown, N. Y.

4403. REGALIA CASES. J. J. Warren Co., 8 Washington Square, Worcester, Mass.

4404. RENNET TABLETS. D. H. Burrell & Co., Little Falls, N. Y.
Creamery Package Mfg. Co., W. Washington St., Chic., Ill.
Ch. Hansen's Laboratory, Little Falls, N. Y.

4405. RESTAURANT STEAM TABLES.
Bramhall-Deane Co., 264 Water St., New York.
Reed & Barton Corporation, Taunton, Mass.

4406. RETICULES. A. Meinecke & Son, Milwaukee, Wis.

4407. ROBES, CARRIAGE. Algonquin Co., Passaic, N. J.
American Buffalo Robe Co., 1 Howell St., Buffalo, N. Y.
Beckman Co., Cleveland, O.
J. H. Bishop Co., Wyandotte, Mich.
Buell Mfg. Co., St. Joseph, Mo.
O. F. Day, Son & Co., Baltimore, Md.

C.P.Kimball & Co.,Michigan Av.,S.W.cor.Harmon Pl.,Chic.
D. M. Lane's Sons, 707 Chestnut St., Philadelphia, Pa.
Milldale Woolen Co., Chester, N. J.
Newichawanick Co., South Berwick, Me.
North Star Woolen Mill Co., Minneapolis, Minn.
Pontoosuc Woolen Mfg. Co., Pittsfield, Mass.
William B. Riley & Co., 326 Market St., Philadelphia, Pa.
Sanford Mills, Sanford, Me.
Saxonville Mills, 7½ Beacon St., Boston, Mass.
S. Stroock & Co., 560 Broadway, New York.

A. CARRIAGE LAP DUSTERS.
Wm. Ayres & Sons, 220 Chestnut St., Philadelphia, Pa.
New England Bunting Co., Lowell, Mass.

B. CARRIAGE RUGS.
Nease, McLean & McGinness, Pittsburg, Pa.
Sanford Mills, Sanford, Me.

C. FUR ROBES.
Chicago Fur Co., 67 Washington St., Chicago, Ill.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
Hansen's Empire Factory, Water St., Milwaukee, Wis.
La Grange Robe & Tanning Co., La Grange, Ind.
Lawerre & Co., 85 Mercer St., New York.
Matteawan Mfg. Co., Matteawan, N. Y.
John Ruzzits Fur Co., 77 Mercer St., New York.

D. LAP ROBES.
Algonquin Co., Passaic, N. J.
Wm. Ayres & Sons, 220 Chestnut St., Philadelphia, Pa.
Beckman Co., Cleveland, O.
Goodyear Rubber Co., 787 Broadway, New York.
Albert Kelsey, 83 Reade St., New York.
Kennedy, Willing & Co., 524 Arch St., Philadelphia, Pa.
Matteawan Mfg. Co., Matteawan, N. Y.
Peters Harness & Saddlery Co., 11 Greene St., Newark, N. J.
Pontoosuc Woolen Mfg. Co., Pittsfield, Mass.
William B. Riley & Co., 326 Market St., Philadelphia, Pa.

E. PLUSH ROBES.
American Buffalo Robe Co., Howell St., Buffalo, N. Y.
Sanford Mills, Sanford, Me.
S. Stroock & Co., 560 Broadway, New York.

4408. ROLLER SHELVES, METALLIC.
Fenton Metallic Mfg. Co., Jamestown, N. Y.

4409. ROSARIES, GOLD & SILVER.
Sloan & Co., 21 Maiden Lane, New York.

4410. RUBBER BUBBLE BLOWERS.
C. J. Bailey & Co., 22 Boylston St., Boston, Mass.

4411. RULING PENS.
Thoe. Alteneder & Son, 945 Ridge Av., Philadelphia, Pa.
W. O. Hickok Mfg. Co., Harrisburg, Pa.

4412. SAFES & VAULTS.

A. BANK VAULTS.
Barnes Safe & Lock Co., Pittsburg, Pa.
Cincinnati Safe & Lock Co., 41 Elm St., Cincinnati, O.
Detroit Safe Co., Detroit, Mich.
Globe Iron Works, 35 Indiana St., Chicago, Ill.
Hall's Safe & Lock Works, 183 W. Pearl St., Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Koken Iron Works, St. Louis, Mo.
Macneale & Urban Co., Hamilton, O.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
Victor Safe & Lock Co., Broadway & 9th St., Cincinnati, O.
York Safe & Lock Co., York, Pa.

B. BURGLAR & FIRE PROOF SAFES.
Barnes Safe & Lock Co., Pittsburg, Pa.
Cincinnati Safe & Lock Co., 59 Elm St., Cincinnati, O.
Detroit Safe Co., Detroit, Mich.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, 183 W. Pearl St., Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Koken Iron Works, St. Louis, Mo.
Macneale & Urban Co., Hamilton, O.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
Victor Safe & Lock Co., Broadway & 9th St., Cincinnati, O.
York Safe & Lock Co., York, Pa.

C. CASH & BOND BOXES, IRON.
Barnes Safe & Lock Co., Pittsburg, Pa.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, 183 W. Pearl St., Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Macneale & Urban Co., Hamilton, O.
Mosler Safe Co., Hamilton, O.

Victor Safe & Lock Co., Broadway & 9th St., Cincinnati, O.
York Safe & Lock Co., York, Pa.

D. CHESTS, IRON.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Macneale & Urban Co., Hamilton, O.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
York Safe & Lock Co., York, Pa.

E. COMBINATION LOCKS.
Barnes Safe & Lock Co., Pittsburg, Pa.
Macneale & Urban Co., Hamilton, O.
Miller Lock Co., 4523 Tacony St., Frankford, Phila., Pa.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.

F. HOUSE SAFES.
Barnes Safe & Lock Co., Pittsburg, Pa.
Cincinnati Safe & Lock Co., Cincinnati, O.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Macneale & Urban Co., Hamilton, O.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
Victor Safe & Lock Co., Broadway & 9th St., Cincinnati, O.
York Safe & Lock Co., York, Pa.

G. JEWELERS' SAFES.
Barnes Safe & Lock Co., Pittsburg, Pa.
Cincinnati Safe & Lock Co., Cincinnati, O.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Macneale & Urban Co., Hamilton, O.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
York Safe & Lock Co., York, Pa.

H. METALLIC VAULT OMNIBUSES.
Fenton Metallic Mfg. Co., Jamestown, N. Y.

I. ROUND SAFES.
Wm. G. Fischer Cooking & Heating Apparatus Co., Cinn.,O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Mosler Safe & Lock Co., Cincinnati, O.

J. SAFE DEPOSIT BOXES.
Barnes Safe & Lock Co., Pittsburg, Pa.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, 183 W. Pearl St., Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
X. Stoutenborough, 270 Pearl St., New York.
York Safe & Lock Co., York, Pa.

K. SAFE DOORS.
Barnes Safe & Lock Co., Pittsburg, Pa.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, 183 W. Pearl St., Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Jackson Architectural Iron Works, 315 E. 28th St., N. Y.
Mosler Safe Co., Hamilton, O.
York Safe & Lock Co., York, Pa.

L. SAFE LOCKS.
Barnes Safe & Lock Co., Pittsburg, Pa.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, Cincinnati, O.
Macneale & Urban Co., Hamilton, O.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
Sargent & Greenleaf Co., Rochester, N. Y.
Victor Safe & Lock Co., Broadway & 9th St., Cincinnati, O.
Yale & Towne Mfg. Co., Stamford, Conn.
York Safe & Lock Co., York, Pa.

M. SECTIONAL SAFES.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.

N. SILK SAFES.
Barnes Safe & Lock Co., Pittsburg, Pa.
Diebold Safe & Lock Co., Canton, O.
Hall's Safe & Lock Works, Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
York Safe & Lock Co., York, Pa.

O. SKELETON SAFES.
Cincinnati Safe & Lock Co., 59 Elm St., Cincinnati, O.

P. SPECIE SAFES.
Barnes Safe & Lock Co., Pittsburg, Pa.
Diebold Safe & Lock Co., Canton, O.

Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton O.
National Safe & Lock Co., Cleveland, O.
York Safe & Lock Co., York, Pa.

Q. TIME LOCKS.
Barnes Safe & Lock Co., Pittsburg, Pa.
Consolidated Time Lock Co., 161 W. 3d St., Cincinnati, O.
Diebold Safe & Lock Co., Canton, O.
Macneale & Urban Co., Hamilton, O.
Mosler Safe Co., Hamilton, O.
Sargent & Greenleaf Co., Rochester, N. Y.
Yale & Towne Mfg. Co., Stamford, Conn.

R. VAULT DOORS & GATES.
Barnes Safe & Lock Co., Pittsburg, Pa.
J. C. Bolles Iron & Wire Works, Detroit, Mich.
Cincinnati Safe & Lock Co., 41 Elm St., Cincinnati, O.
Detroit Safe Co., Detroit, Mich.
Diebold Safe & Lock Co., Canton, O.
Grand Rapids Brass Co., Grand Rapids, Mich.
Hall's Safe & Lock Works, Cincinnati, O.
Herring-Hall-Marvin Co., 54 Bleecker St., New York.
Macneale & Urban Co., Hamilton, O.
Marvin Safe Co., 54 Bleecker St., New York.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
York Safe & Lock Co., York, Pa.

4413. SAILS.
Cousens & Pratt, Boston, Mass.
Currier & Hook, Bangor, Me.
Wm. A. Davis & Son, Newburyport, Mass.
De Grauw, Aymar & Co., 34 South St., New York.
Dunn & Elliott, Thomaston, Me.
J. & J. Fowler, Portland, Me.
A. Gerdes & Bro., New Orleans, La.
John B. Gifford, Fall River, Mass.
Holway Bros.& Woodbury,130 Commercial St.,Boston,Mass.
Wm. M. King, New Haven, Conn.
Franklin P. Kirk, 204 West St., New York.
Lamprell & Marble, 357 Commercial St., Boston, Mass.
Lincoln & Allen, Portland, Me.
George Matthews & Co., 181 Commercial St., Boston, Mass.
Zachariah Mitchell, Baltimore, Md.
New York Sail Making Co., 67 Pearl St., New York.
W. C. Noon Bag Co., Portland, Ore.
Daniel Norton, Jr., 132 Broad St., Boston, Mass.
F. A. Paine & Co., Provincetown, Mass.
D. Provoost, Sons & Co., Buffalo, N. Y.
Wm. Robinson & Co., 31 Commercial St., Boston, Mass.
E. L. Rowe & Son, Gloucester, Mass.
John M. Sawyer, 84 South St., New York.
Isaac A. S. Steele, Gloucester, Mass.
Samuel S. Thorp & Co., 157 South St., New York.
Upson-Walton Co., Cleveland, O.
Wilson & Griffin, 78 South St., New York.

A. CANOE SAILS.
De Grauw, Aymar & Co., 34 South St., New York.
S. Hemmenway & Son, 39 South St., New York.
David N. Holly, 167 Maiden Lane, New York.
New York Sail Making Co., 67 Pearl St., New York.
Upson-Walton Co., Cleveland, O.

B. YACHT SAILS.
Geo. B. Carpenter & Co., 202 S. Water St., Chicago, Ill.
Cousens & Pratt, Boston, Mass.
John B. Gifford, Fall River, Mass.
J. C. Goss & Co., Detroit, Mich.
John Harrison, 167 South St., New York.
S. Hemmenway & Son, 39 South St., New York.
Chas. P. McClellan, Fall River, Mass.
John McGinnis & Son, 300 N. Delaware Av., Phila., Pa.
L. F. Pease & Co., 7 Crawford St., Providence, R. I.
Stevenson & McGee, Baltimore, Md.
Samuel S. Thorp & Co., 157 South St., New York.
Upson-Walton Co., Cleveland, O.
F. M. Wilson, Port Jefferson, N. Y.
Wilson & Griffin, 78 South St., New York.
Wilson & Silby, Rowes Wharf, Boston, Mass.

4414. SAND PURIFIERS.
A. J. Beckley & Co., Garwood, N. J.
Field Force Pump Co., Lockport, N. Y.

4415. SAP SPOUTS.
Chas. Millar & Son, Utica, N. Y.
C. C. Post, Burlington, Vt.

Record Mfg. Co., Conneaut, O.
X. Stoutenborough, 270 Pearl St., New York.

4416. SATCHELS.
Abel & Bach Co., Milwaukee, Wis.
Philip Breidenbach, 29 Warren St., New York.
Caille & Bolia, Newark, N. J.
Fitzgerald Trunk Co., 245 Jackson St., Chicago, Ill.
L. Goldsmith & Son, Newark, N. J.
Hager & Co., Newark, N. J.
A. Hahn & Co., 472 Broadway, New York.
Haskell Bros., 52 Madison St., Chicago, Ill.
Headley & Farmer Co., Harrison, N. J.
Henry Lissa & Co., 595 Broadway, New York.
John F. McHugh, 54 W. 31st St., New York.
T. B. Peddie & Co., Newark, N. J.
C. F. Rumpp & Sons, Cherry & N. 5th Sts., Phila., Pa.
Scheuer & Bro., 329 Canal St., New York.
M. M. Secor Trunk Co., Racine, Wis.
Seward Trunk & Bag Co., Petersburg, Va.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

4417. SAW BUCKS.
E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
Henry Disston & Sons, Tacony & N. Front Sts., Phila., Pa.
Iowa Farming Tool Co., Fort Madison, Iowa.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Ohio Tool Co., Columbus, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Union Mfg. Co., Toledo, O.

4418. SAWING MACHINES, FOLDING.
Folding Saw Machine Co., 64 S. Clinton St., Chicago, Ill.

4419. SCALES & BALANCES.
Bentel & Margedant Co., Hamilton, O.
Cutler Co., North Wilbraham, Mass.
Chas. Forschner & Sons, 206 E. 19th St., New York.
Herman Kohlbusch, 59 Nassau St., New York.
Peck, Stow & Wilcox Co., Southington, Conn.
Pelouze Scale & Mfg. Co., 133 S. Clinton St., Chicago, Ill.
T. S. Spencer's Sons, Guilford, Conn.
Standard Scale & Supply Co., Ltd., Pittsburg, Pa.

A. ASSAY BALANCES.
Wm. Ainsworth, Denver, Col.
Christian Becker, 117 Chambers St., New York.
Becker Bros., New Rochelle, N. Y.
Fairbanks Co., 311 Broadway, New York.
Herman Kohlbusch, 59 Nassau St., New York.
Smith & Thompson, Denver, Col.

B. AUTOMATIC SCALES.
Amer. Automaton Weighing Mach. Co., 62 Murray St., N.Y.
Buffalo Scale Co., Buffalo, N. Y.
Case Mfg. Co., Columbus, O.
Fairbanks Co., 311 Broadway, New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Jones of Binghamton, Binghamton, N. Y.
Page, Dennis & Co., 341 Broadway, New York.
Pratt & Whitney Co., Hartford, Conn.

C. BOXWOOD SCALES.
Theo. Alteneder & Sons, 945 Ridge Av., Philadelphia, Pa.

D. BUTCHERS' BALANCES.
Buffalo Scale Co., Buffalo, N. Y.
John Chatillon & Sons, 85 Cliff St., New York.
Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
Chas. Forschner & Sons, 206 E. 19th St., New York.
Standard Scale & Supply Co., Ltd., Pittsburg, Pa.

E. CHEMISTS' & DRUGGISTS' SCALES.
Wm. Ainsworth, Denver, Col.
Becker Bros., New Rochelle, N. Y.
Chic. Laboratory Supply & Scale Co., 39 W. Randolph, Chic., Ill.
Fairbanks Co., 311 Broadway, New York.
Herman Kohlbusch, 59 Nassau St., New York.
Springer Torsion Balance Co., 92 Reade St., New York.
Henry Troemner, 710 Market St., Philadelphia, Pa.

F. CLOTH TESTING SCALES.
Herman Kohlbusch, 59 Nassau St., New York.

G. COAL SCALES.
Buffalo Scale Co., Buffalo, N. Y.
Fairbanks Co., 311 Broadway, New York.
Jones of Binghamton, Binghamton, N. Y.
Standard Scale & Supply Co., Ltd., Pittsburg, Pa.

H. COIN SCALES.
Herman Kohlbusch, 59 Nassau St., New York.

I. COMPUTING SCALES.
Computing Scale Co., Dayton, O.
Herman Kohlbusch, 59 Nassau St., New York.
Reed Mfg. Co., Erie, Pa.

J. COTTON BEAMS.
Buffalo Scale Co., Buffalo, N. Y.
John Chatillon & Sons, 85 Cliff St., New York.
Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.

	Fairbanks Co., 311 Broadway, New York.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Jones of Binghamton, Binghamton, N. Y.
	Page, Dennis & Co., 341 Broadway, New York.
	Standard Scale & Supply Co., Ltd., Wood St., Pittsburg, Pa.
K. COUNTER SCALES.	Brittan & Mathes Co., Pittsburg, Pa.
	Buffalo Scale Co., Buffalo, N. Y.
	John Chatillon & Sons, 85 Cliff St., New York.
	Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
	Fairbanks Co., 311 Broadway, New York.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Howe Scale Co. of 1886, Rutland, Vt.
	Jones of Binghamton, Binghamton, N. Y.
	Kinzer & Jones Mfg. Co., Pittsburg, Pa.
	Knowles Scale Co., Lowell, Mass.
	Herman Kohlbusch, 59 Nassau St., New York.
	Landers, Frary & Clark, New Britain, Conn.
	Lowell Scale Co., Lowell, Mass.
	Page, Dennis & Co., 341 Broadway, New York.
	Pelouze Scale & Mfg. Co., 133 S. Clinton St., Chicago, Ill.
	I. S. Spencer's Sons, Guilford, Conn.
	Henry Troemner, 710 Market St., Philadelphia, Pa.
L. DAIRY SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	John Chatillon & Sons, 85 Cliff St., New York.
	Fairbanks Co., 311 Broadway, New York.
	Jones of Binghamton, Binghamton, N. Y.
	Lowell Scale Co., Lowell, Mass.
	Standard Scale & Supply Co., Ltd., Wood St., Pittsburg, Pa.
M. DIAMOND SCALES.	Herman Kohlbusch, 59 Nassau St., New York.
	Henry Troemner, 710 Market St., Philadelphia, Pa.
N. FAMILY SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	John Chatillon & Sons, 85 Cliff St., New York.
	Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
	Fairbanks Co., 311 Broadway, New York.
	Jones of Binghamton, Binghamton, N. Y.
	Landers, Frary & Clark, New Britain, Conn.
	North Bros. Mfg. Co., Lehigh Av. & N. Amer. St., Phil., Pa.
	Pelouze Scale & Mfg. Co., 133 S. Clinton St., Chicago, Ill.
	I. S. Spencer's Sons, Guilford, Conn.
O. FEATHER SCALES.	Herman Kohlbusch, 59 Nassau St., New York.
P. FINE BALANCES & WEIGHTS.	Becker Bros., New Rochelle, N. Y.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Herman Kohlbusch, 59 Nassau St., New York.
Q. FISH SCALES.	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
R. FOUNDRY SCALES.	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
S. GOLD & SILVER SCALES.	Becker Bros., New Rochelle, N. Y.
	Fairbanks Co., 311 Broadway, New York.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Herman Kohlbusch, 59 Nassau St., New York.
	Henry Troemner, 710 Market St., Philadelphia, Pa.
T. GRAIN SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	Fairbanks Co., 311 Broadway, New York.
	Geiser Mfg. Co., Waynesboro, Pa.
	Jones of Binghamton, Binghamton, N. Y.
	Herman Kohlbusch, 59 Nassau St., New York.
	Nichols & Shepard Co., Battle Creek, Mich.
	Selby, Starr & Co., Peoria, Ill.
	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
	Warren Durfee Mfg. Co., Decatur, Ill.
U. GRAIN SCALES, AUTOMATIC.	Advance Thresher Co., Battle Creek, Mich.
	Case Mfg. Co., Columbus, O.
	Geiser Mfg. Co., Waynesboro, Pa.
	Pratt & Whitney Co., Hartford, Conn.
V. GRAIN TESTING SCALES.	Herman Kohlbusch, 59 Nassau St., New York.
W. HAY SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	Fairbanks Co., 311 Broadway, N. Y.
	Jones of Binghamton, Binghamton, N. Y.
	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
X. HOPPER BEAMS.	Buffalo Scale Co., Buffalo, N. Y.
	Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
	United States Scale Co., Terre Haute, Ind.
Y. ICE SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	John Chatillon & Sons, 85 Cliff St., New York.
	Knickerbocker Ice Co., 6th & Arch Sts., Philadelphia, Pa.
	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.

	Wilson Mfg. Co., 147 Cedar St., New York.
Z. JEWELER'S BALANCES.	Becker Bros., New Rochelle, N. Y.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Herman Kohlbusch, 59 Nassau St., New York.
AA. KNIFE BALANCING SCALES.	E. & B. Holmes Machinery Co., Buffalo, N. Y.
BB. MARKET SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	John Chatillon & Sons, 85 Cliff St., New York.
	Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
	Fairbanks Co., 311 Broadway, New York.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Pelouze Scale & Mfg. Co., 133 S. Clinton St., Chicago, Ill.
CC. MINERS' SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	Fairbanks Co., 311 Broadway, New York.
	Standard Scale & Supply Co., Pittsburg, Pa.
DD. PLATFORM SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	John Chatillon & Sons, 85 Cliff St., New York.
	Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
	Fairbanks Co., 311 Broadway, New York.
	Howe Scale Co. of 1886, Rutland, Vt.
	C. W. Hunt Co., 45 Broadway, New York.
	Jones of Binghamton, Binghamton, N. Y.
	Knowles Scale Co., Lowell, Mass.
	Herman Kohlbusch, 59 Nassau St., New York.
	Lowell Scale Co., Lowell, Mass.
	Standard Scale & Supply Co., Pittsburg, Pa.
	Weeks Scale Works, Buffalo, N. Y.
EE. POCKET SCALES.	Herman Kohlbusch, 59 Nassau St., New York.
	Lane Mfg. Co., Waterbury, Conn.
FF. POSTAL SCALES.	Pelouze Scale & Mfg. Co., 133 S. Clinton St., Chicago, Ill.
GG. PRECISION SCALES & WEIGHTS.	Wm. Ainsworth, Denver, Col.
	Christian Becker, 117 Chambers St., New York.
	Becker Bros., New Rochelle, N. Y.
	Herman Kohlbusch, 59 Nassau St., New York.
	Smith & Thompson, Denver, Col.
HH. PRESCRIPTION POCKET SCALES.	Fairbanks Co., 311 Broadway, New York.
	Herman Kohlbusch, 59 Nassau St., New York.
	Randolph Paper Box Co., Richmond, Va.
II. SCALE ATTACHMENTS, RECORDING.	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
JJ. SCALE BEAMS.	Buffalo Scale Co., Buffalo, N. Y.
	John Chatillon & Sons, 85 Cliff St., New York.
	Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
	Fairbanks Co., 311 Broadway, New York.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Peck, Stow & Wilcox Co., Southington, Conn.
KK. SCALE SCOOPS.	Philadelphia Scoop Co., 134 N. 2d St., Philadelphia, Pa.
LL. SCALE TESTING MACHINES.	Buffalo Scale Co., Buffalo, N. Y.
MM. SCALE TRUCKS.	Lansing Boiler & Engine Works, Lansing, Mich.
NN. SCALE WEIGHTS.	Becker Bros., New Rochelle, N. Y.
	Buffalo Scale Co., Buffalo, N. Y.
	Fairbanks Co., 311 Broadway, New York.
	Herman Kohlbusch, 59 Nassau St., New York.
	Springer Torsion Balance Co., 92 Reade St., New York.
	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
OO. SPRING BALANCES.	Chas. Forschner & Sons, 206 E. 19th St., New York.
	Landers, Frary & Clark, New Britain, Conn.
	Peck, Stow & Wilcox Co., Southington, Conn.
PP. STEEL YARDS.	Bemis & Call Hardware & Tool Co., Springfield, Mass.
	Fairbanks Co., 311 Broadway, New York.
	Fairbanks, Morse & Co., Franklin & Monroe Sts., Chic., Ill.
	Peck, Stow & Wilcox Co., Southington, Conn.
QQ. STOCK SCALES.	Chas. Brunner, Peru, Ill.
	Buffalo Scale Co., Buffalo, N. Y.
	Fairbanks Co., 311 Broadway, New York.
	Jones of Binghamton, Binghamton, N. Y.
	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
	United States Scale Co., Terre Haute, Ind.
RR. TRACK SCALES.	Buffalo Scale Co., Buffalo, N. Y.
	Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
	Fairbanks Co., 311 Broadway, New York.
	Jones of Binghamton, Binghamton, N. Y.
	Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
SS. WAGON SCALES.	Chas. Brunner, Peru, Ill.
	Buffalo Scale Co., Buffalo, N. Y.

REFSS UNIVERSITY OF

Chicago Scale Co., 292 W. Jackson Boul., Chicago, Ill.
Fairbanks Co., 311 Broadway, New York.
Jones of Binghamton, Binghamton, N. Y.
Kimball Bros., Council Bluffs, Iowa.
Moline Pump Co., Moline, Ill.
Standard Scale & Supply Co., Ltd., Pittsburg, Pa.
United States Scale Co., Terre Haute, Ind.

4420. SCARF PINS, ELECTRIC.
Ohio Electric Works, Cleveland, O.

4421. SCOOPS, GROCERS'. Bellaire Stamping Co., Harvey, Ill.
Crandall & Godley, 157 Franklin St., New York.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
James F. Martin, Frankford, Philadelphia, Pa.
Philadelphia Scoop Co., 134 N. 2d St., Philadelphia, Pa.
St. Louis Stamping Co., St. Louis, Mo.

A. CANDY SCOOPS. Philadelphia Scoop Co., 134 N. 2d St., Philadelphia, Pa.

4422. SEA LEADS. Alfred B. Sands & Son, 129 Beekman St., New York.

4423. SEED BULBS & PLANTS.
Robert Buist, 922 Market St., Philadelphia, Pa.
Burpee W. Atlee & Co., 475 N. 5th St., Philadelphia, Pa.
D. I. Bushnell & Co., 109 N. 2d St., St. Louis, Mo.
Colby Milling Co., Dowagiac, Mich.
Continental Plant Co., Kittrell, N. C.
Albert Dickinson Co., 125 Kinzie St., Chicago, Ill.
Dingee & Conard Co., West Grove, Pa.
Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.
Ellwanger & Barry, Rochester, N. Y.
D. M. Ferry & Co., Inc., Detroit, Mich.
Germain Fruit Co., Los Angeles, Cal.
Jas. J. H. Gregory, Marblehead, Mass.
Peter Henderson & Co., 35 Cortlandt St., New York.
International Seed Co., Rochester, N. Y.
Johnson & Stokes, 217 Market St., Philadelphia, Pa.
D. Landreth & Sons, 21 S. 6th St., Philadelphia, Pa.
Leavenworth Linseed Oil Works, Leavenworth, Kan.
A. W. Livingston's Sons, Columbus, O.
Wm. H. Maule, 1711 Filbert St., Philadelphia, Pa.
L. L. May & Co., St. Paul, Minn.
Jas. M. McCullough's Sons, Cincinnati, O.
Plant Seed Co., 812 N. 4th St., St. Louis, Mo.
E. Parker Read, 217 Race St., Philadelphia, Pa.
Jerome B. Rice & Co., Cambridge, N. Y.
Lewis Roesch, Fredonia, N. Y.
John A. Salzer Seed Co., La Crosse, Wis.
R. H. Shumway, Rockford, Ill.
Storrs & Harrison Co., Painesville, O.
Trumbull Seed Co., Kansas City, Mo.
James Vick's Sons, Rochester, N. Y.
Whitney-Noyes Seed Co., Binghamton, N. Y.

A. GRAPE VINES. Ellwanger & Barry, Rochester, N. Y.
Stephen Hoyt's Sons, New Canaan, Conn.
T. S. Hubbard Co., Fredonia, N. Y.
Geo. S. Josselyn, Fredonia, N. Y.
Lenk Wine Co., Toledo, O.
Lewis Roesch, Fredonia, N. Y.

4424. SEWING BIRDS. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Landers, Frary & Clark, New Britain, Conn.
New England Novelty Mfg. Co., Boston, Mass.

4425. SHAVING MUGS. Anchor Silver Plate Co., Oswego, N. Y.

4426. SHEATHS & BELTS. Union Hardware Co., Torrington, Conn.
J. J. Warren Co., Worcester, Mass.

4427. SHELF BORDERS. T. V. Johnson, 56 Union Square, New York.

4428. SHELF PAPER. New York Blank Book Co., 7 Laight St., New York.

4429. SHEPHERDS' CROOKS.
F. S. Burch & Co., 178 Michigan St., Chicago, Ill.

4430. SHIP LIGHT SIGNALS.
Detwiller & Street Fireworks Mfg. Co., 172 Fulton St., N. Y.

4431. SHOOFLYS. A. Meinecke & Son, Milwaukee, Wis.
Whitney Reed Chair Co., Leominster, Mass.

4432. SHOVELING BOARDS.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Dowden Mfg. Co., Ltd., Prairie City, Iowa.
Haworth & Sons, Mfg. Co., Decatur, Ill.
Hayes Pump & Planter Co., Galva, Ill.
F. B. Tait Mfg. Co., Decatur, Ill.

4433. SHUTTER TONGS. Peck, Stow & Wilcox Co., Southington, Conn.

4434. SICK FEEDERS.	Steubenville Pottery Co., Steubenville, O.
A. SICK FEEDING TUBES.	P. J. McElroy, East Cambridge, Mass.
4435. SIGN LETTERS & NUMBERS.	
	Hine-Watt Mfg. Co., 14 N. Canal St., Chicago, Ill.
A. ENAMELLED LETTERS & NUMBERS.	Caesar Bros., 112 Fulton St., New York.
B. HOUSE NUMBERS.	Nicol & Co., 57 W. Washington St., Chicago, Ill.
C. METAL LETTERS & NUMBERS.	Aluminum Sign & Novelty Co., Columbus, O.
	American Railway Supply Co., 25 Park Place, New York.
	Benfield & Milne Mfg. Co., Newark, N. J.
	A. S. Henn & Co., New Haven, Conn.
	J. W. Paxson Co., 1056 Beach St., Philadelphia, Pa.
	Providence Aluminum Co., Providence, R. I.
	William Sedgwick, 260 Clark St., Chicago, Ill.
	Nelson Stafford, 66 Fulton St., New York.
	Stover Mfg. Co., Freeport, Ill.
	Turner Brass Works, 122 E. Kinzie St., Chicago, Ill.
4436. SIGN MARKERS.	Rubber Stereotype Co., Readsboro, Vt.
	R. H. Smith Mfg. Co., Springfield, Mass. *16
4437. SIGNS.	
A. ADVERTISING SIGNS.	F. Beck & Co., 281 5th Av., New York.
	Caesar Bros., 112 Fulton St., New York.
	Chicago Waterproof Sign Co., 208 Illinois St., Chicago, Ill.
	Denzie & Phillips, 24 Dey St., New York.
	Enterprise Mfg. Co., Akron, O.
	John L. Gaumer Co., 11th & Race Sts., Philadelphia, Pa.
	O. J. Gude Co., 113 W. Broadway, New York.
	Howard & Morse, 45 Fulton St., New York.
	New York Advertising Sign Co., 16 Park Place, New York.
	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
	Wells Glass Co., 1441 Monadnock Block, Chicago, Ill.
B. ALUMINUM SIGNS.	Aluminum Sign & Novelty Co., Columbus, O.
	J. W. Russell & Co., 294 Pearl St., New York.
C. BOOT & SHOE SIGNS.	Buffalo Last Works, Buffalo, N. Y.
D. BRASS SIGNS.	Denver Novelty Work Mfg. Co., Denver, Col.
	Manhattan Sign Co., 1215 Broadway, New York.
	J. W. Russell & Co., 294 Pearl St., New York.
	Nelson Stafford, 66 Fulton St., New York.
	Henry H. Upham & Co., 508 W. Broadway, New York.
E. EMBLEMATIC SIGNS.	E. G. Washburn & Co., 46 Cortlandt St., New York.
F. ENAMELLED IRON SIGNS.	Caesar Bros., 112 Fulton St., New York.
	Ward Leonard Electric Co., Bronxville, N. Y.
G. GLASS SIGNS.	Asbury Glass Sign Co., 43 John St., New York.
	Rawson & Evans, 151 W. Washington St., Chicago, Ill.
	J. W. Russell & Co., 294 Pearl St., New York.
	Suess Ornamental Glass Co., 54 N. Clinton St., Chicago, Ill.
H. GRASS SIGNS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
I. ILLUMINATED SIGNS.	I. P. Frink, 551 Pearl St., New York.
	E. P. Gleason Mfg. Co., 181 Mercer St., New York.
	Universal Electric Stage Lighting Co., 842 Broadway, N. Y.
J. LITHOGRAPHED SIGNS.	Norton Bros., 813 Masonic Temple, Chicago, Ill.
K. LUMINOUS SIGNS.	Enterprise Mfg. Co., Akron, O.
L. ORNAMENTAL WROUGHT IRON SIGNS.	Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
M. OXIDIZED COPPER SIGNS.	Nelson Stafford, 66 Fulton St., New York.
N. PORCELAIN SIGNS.	Union Porcelain Works, 300 Eckford St., Brooklyn, N. Y.
O. SHOW CARDS, ENAMELLED IRON.	Enameled Iron Co., Chicago, Ill.
	F. Tuchfarber Co., Court St., Cincinnati, O.
P. SHOW CARDS, GLASS.	William Sedgwick, 260 Clark St., Chicago, Ill.
	F. Tuchfarber Co., Court St., Cincinnati, O.
Q. SHOW CARDS, IRON.	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
	F. Tuchfarber Co., Court St., Cincinnati, O.
R. SHOW CARDS, TIN.	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
	Tin Plate Decorating Co., 180 Front St., Brooklyn, N. Y.
S. SIGN PLATES.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Duquesne Artistic Iron Co., Pittsburg, Pa.
	Phoenix Plate Co., Worcester, Mass.
	Union Porcelain Works, 300 Eckford St., Brooklyn, N. Y.
T. TIN SIGNS.	Kaufman & Strauss Co., 368 Broadway, New York.
	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
U. TIN SIGNS, DECORATED.	Somers Bros., 3d Av. & 3d St., Brooklyn, N. Y.
V. WATCH & SPECTACLE SIGNS.	F. Kroeber Clock Co., 360 Broadway, New York.
	Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
	E. G. Washburn & Co., 46 Cortlandt St., New York.

W. WIRE SIGNS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
E. T. Barnum, Detroit, Mich.
J. E. Bolles Iron & Wire Works, Detroit, Mich.
Dow Wire Works Co., Louisville, Ky.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Minneapolis Wire & Iron Works, Inc., Minneapolis, Minn.

4438. SKEWERS.
Lalance & Grosjean Mfg. Co., 19 Cliff St., New York.
Landers, Frary & Clark, New Britain, Conn.
Meriden Britannia Co., Meriden, Conn.
August Nittinger, 826 N. 4th St., Philadelphia, Pa.
C. S. Osborne & Co., Newark, N. J.

4439. SKIDS.
Fairbanks Co., 311 Broadway, New York.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.

4440. SLATE FEED TROUGHS.
East Bangor Consolidated Slate Co., East Bangor, Pa.

4441. SLEEPING BAGS.
American Buffalo Robe Co., Buffalo, N. Y.
F. C. Huyck, Albany, N. Y.
T. C. Phelphs, 11 Central St., Boston, Mass.

4442. SLEEVE PROTECTORS.
M. W. Kahn & Co., Chillicothe, Ill.
New England Novelty Mfg. Co., Boston, Mass.
Mrs. Clara F. Salisbury, Battle Creek, Mich.

4443. SLIDE RULE CALCULATORS.
Rudolph C. Smith, 1 Broadway, New York.

4444. SLING SHOTS.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

4445. SLIPPER POCKETS.
Geo. E. Messer & Co., Boston, Mass.

4446. SLOT MACHINES.
M. Winter Lumber Co., Sheboygan, Wis.

4447. SMOKERS' ARTICLES.

A. AMBER GOODS.
I. Emrich & Co., 42 E. 14th St., New York.
Kaldenberg Importing & Trading Co., 438 Broome St., N. Y.
Reiss Bros. & Co., 163 Lake St., Chicago, Ill.

B. ASH TRAYS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
H. L. Judd & Co., 87 Chambers St., New York.
Low Art Tile Co., Chelsea, Mass.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

C. BRIARWOOD GOODS.
Kaldenberg Importing & Trading Co., 438 Broome St., N.Y.

D. CIGAR BUTT CUTTERS.
Kaldenberg Importing & Trading Co., 438 Broome St., N.Y.
Fred. J. Meyers Mfg. Co., Hamilton, O.
Reiss Bros. & Co., 163 Lake St., Chicago, Ill.
Jos. Schwartz, 119 Maiden Lane, New York.

E. CIGAR BUTT CUTTERS & LIGHTERS COMBINED.
Erie Specialty Co., Erie, Pa.

F. CIGAR CASES.
Deitsch Bros., 14 E. 17th St., New York.
C. F. Rumpp & Sons, Cherry & N. 5th Sts., Philadelphia, Pa.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.

G. CIGARETTE CASES.
Alling & Co., 2 Maiden Lane, New York.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

H. CIGAR HOLDERS.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
Pratt Mfg. Co., 167 Wooster St., New York.

I. CIGAR LIGHTERS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Erie Specialty Co., Erie, Pa.
International Electric Co., 76 Beekman St., New York.
New England Novelty Mfg. Co., Boston, Mass.

J. CIGAR MOISTENERS.
Eureka Blotter Bath Co., 1104 Owings Bldg., Chicago, Ill.
Pratt Mfg. Co., 167 Wooster St., New York.

K. CIGAR RESTS.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.

L. PIPE COVERS.
Steele & Johnson Mfg. Co., Waterbury, Conn.

M. PIPES.
Wm. Birnbaum, 80 Nassau St., New York.
Wm. Demuth & Co., 507 Broadway, New York.
Harvey & Watts Co., 1822 E. Venango St., Philadelphia, Pa.
Kaldenberg Importing & Trading Co., 438 Broome St., N.Y.
Kaufmann Bros. & Bondy, 129 Grand St., New York.
Reiss Bros. & Co., 163 Lake St., Chicago, Ill.
M. L. Samter & Co., 474 Broadway, New York.

N. PIPES, CLAY.
Mrs. Kate Gerten, Fulton, Ill.

O. PIPES, MEERSCHAUM.
Wm. Demuth & Co., 507 Broadway, New York.
Kaldenberg Importing & Trading Co., 438 Broome St., N.Y.
Reiss Bros. & Co., 163 Lake St., Chicago, Ill.
Gus. Stehr, 347 Broome St., New York.

P. SMOKERS' CABINETS.
R. Bliss Mfg. Co., Pawtucket, R. I.

Q. SMOKERS' SETS, BRASS.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Gould-Mersereau Co., 259 Canal St., New York.
H. L. Judd & Co., 87 Chambers St., New York.

Pittsburg Lamp & Brass Co., Allegheny City, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.

R. SMOKERS' SETS, BRONZE. New Jersey Lamp & Bronze Co., New Brunswick, N. J.

S. SMOKERS' SETS, COPPER. Plume & Atwood Mfg. Co., Waterbury, Conn.

T. SMOKERS' SETS, IVORY. F. Grote & Co., 114 E. 14th St., New York.

U. SMOKING MOUNTINGS. Novelty Mfg. Co., Waterbury, Conn.
L. Winckler, 142 Fulton St., New York.

V. TOBACCO BOXES. Chas. J. Hauck & Son, 36 Stagg St., Brooklyn, N. Y.

W. TOBACCO POUCHES. Davidson Rubber Co., 19 Milk St., Boston, Mass.
Nicol & Co., 57 W. Washington St., Chicago, Ill.

4448. SNOW PLOWS. Augustus Day, Detroit, Mich.
Ensign Mfg. Co., Huntington, W. Va.
Industrial Works, Bay City, Mich.

4449. SNOW SHOE IRONS. Berger Bros., 237 Arch St., Philadelphia, Pa.

4450. SOAP. Jos. Biechele Soap Co., Canton, O.
Camden & Philadelphia Soap Co., Camden, N. J.
Cudahy Packing Co., South Omaha, Neb.
Enos F. Jones Mfg. Co., 352 Washington St., New York.

A. AMMONIA SOAP. Columbia Chemical Works, 43 Sedgwick St., B'klyn, N. Y.

B. ANIMAL SOAP. Carbolic Soap Co., 230 Pearl St., New York.
Theo. Ricksecker Co., 26 Reade St., New York.

C. BORAX SOAP. S. F. Candle Co., 402 Front St., San Francisco, Cal.
Wm. Dreydoppel, 208 N. Front St., Philadelphia, Pa.
Everett Ward, 471 11th Av., New York.

D. CARBOLIC SOAP. Carbolic Soap Co., 230 Pearl St., New York.
Puck Soap Co., Columbus Junction, Iowa.

E. CASTILE SOAP. S. F. Candle Co., 402 Front St., San Francisco, Cal.
Enos F. Jones Mfg. Co., 352 Washington St., New York.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Mexican Palmea Soap Co., Decatur, Ill.
Wm. H. Place Mfg. Co., Providence, R. I.
Puck Soap Co., Columbus Junction, Iowa.

F. COTTON SEED OIL SOAP. American Cotton Oil Co., 27 Beaver St., New York.
Union Oil Co., Providence, R. I.

G. DENTAL SOAP. Carbolic Soap Co., 230 Pearl St., New York.

H. DISINFECTING SOAP. Carbolic Soap Co., 230 Pearl St., New York.

I. FISH OIL SOAP. Arctic Oil Works, San Francisco, Cal.
Geo. Delano's Sons, 176 Front St., New York.
Jas. O. Draper & Co., Pawtucket, R. I.

J. LAUNDRY SOAP. American Soap Co., 75 Murray St., New York.
Armour Soap Works, 205 Lasalle St., Chicago, Ill.
B. T. Babbitt, 84 Washington St., New York.
Jos. Biechele Soap Co., Canton, O.
David S. Brown & Co., 554 Broadway, New York.
Camden & Philadelphia Soap Co., Camden, N. J.
S. F. Candle Co., 402 Front St., San Francisco, Cal.
Carbolic Soap Co., 230 Pearl St., New York.
Colgate & Co., 53 John St., New York.
Columbia Chemical Works, 43 Sedgwick St., B'klyn, N. Y.
Delaney Oil & Lubricant Co., Milwaukee, Wis.
Detroit Soap Co., Detroit, Mich.
Dobbins Soap Mfg. Co., 119 S. 4th St., Philadelphia, Pa.
Wm. Dreydoppel, 208 N. Front St., Philadelphia, Pa.
J. Eavenson & Sons, 316 N. 20th St., Philadelphia, Pa.
J. S. & T. Elkinton, 227 Chestnut St., Philadelphia, Pa.
N. K. Fairbank Co., 277 Dearborn St., Chicago, Ill.
Fay Bros., 92 Munroe St., New York.
Fels & Co., 1710 Market St., Philadelphia, Pa.
Fisk Mfg. Co., Springfield, Mass.
Granite City Soap Co., Newburg, N. Y.
Anselm Hoefner, Buffalo, N. Y.
C. S. Jones & Co., 32 Commerce St., Boston, Mass.
Kendall Mfg. Co., Providence, R. I.
Jas. S. Kirk & Co., 360 N. Water St., Chicago, Ill.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Lascelles Mfg. Co., Salem, N. Y.
Lautz Bros. & Co., Buffalo, N. Y.
Los Angeles Soap Co., Los Angeles, Cal.
Mexican Palmea Soap Co., Decatur, Ill.
Charles F. Miller, Lancaster, Pa.
Miller Soap Co., Lancaster, Pa.
Northwestern Soap Co., Main St., Minneapolis, Minn.
Proctor & Gamble Co., 3d & Walnut Sts., Cincinnati, O.
John Reardon & Sons, 24 Commerce St., Boston, Mass.
Rice Petroleum & Soap Co., Titusville, Pa.

Schaeffer Bros. & Powell Mfg. Co.,325 N.2d St.,St.Louis,Mo.
Schulte Soap Co., Detroit, Mich.
Schultz & Co., Zanesville, O.
Frank Siddall's Soap Co., Beach & Brown Sts., Phila., Pa.
Alden Speare's Sons Co., 369 Atlantic Av., Boston, Mass.
Upson Oil & Soap Co., Parkersburg, W. Va.
W. H. Walker, Pittsburg, Pa.
Western Soap Co., Omaha, Neb.
Geo. F. Whitney, 20 Norfolk Av., Boston, Mass.
Wichita Soap Mfg. Co., Wichita, Kan.
J. B. Williams Co., Glastonbury, Conn.

K. MEDICINAL SOAP.
Colgate & Co., 53 John St., New York.
Wm. Dreydoppel, 208 N. Front St., Philadelphia, Pa.
Fels & Co., 1710 Market St., Philadelphia, Pa.
Packer Mfg. Co., 81 Fulton St., New York.
Parke, Davis & Co., Detroit, Mich.
Potter Drug & Chem. Corp.,135 Columbus Av.,Boston,Mass.
Reed & Carnrick, 447 Greenwich St., New York.
Resinol Chemical Co., 316 W. Lombard St., Baltimore, Md.
Seabury & Johnson, 59 Maiden Lane, New York.

L. MILL SOAP.
Camden & Philadelphia Soap Co., Camden, N. J.
Eagle Chemical Co., Newburyport, Mass.
Fisk Mfg. Co., Springfield, Mass.
Wm. H. Place Mfg. Co., Providence, R. I.
Puck Soap Co., Columbus Junction, Iowa.

M. SAND SOAP.
Wm. Dreydoppel, 208 N. Front St., Philadelphia, Pa.

N. SAPOLIO.
Enoch Morgan's Sons Co., 439 West St., New York.
W. A. Robinson & Co., New Bedford, Mass.

O. SHAVING SOAP.
S. F. Candle Co., 402 Front St., San Francisco, Cal.
Clifford Perfume Mfg. Co., 564 Washn. St., Boston, Mass.
Colgate & Co., 53 John St., New York.
J. K. Cook & Co., 55 Dey St., New York.
Fels & Co., 1710 Market St., Philadelphia, Pa.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Lascelles Mfg. Co., Salem, N. Y.
Mexican Palmea Soap Co., Decatur, Ill.
Theo. Ricksecker Co., 26 Reade St., New York.
J. B. Williams Co., Glastonbury, Conn.

P. SOAP CHIPS.
Granite City Soap Co., Newburg, N. Y.
Northwestern Soap Co., 411 Main St., Minneapolis, Minn.

Q. SOAP POWDER.
American Soap & Washoline Co., Cohoes, N. Y.
Armour Soap Works, 205 Lasalle St., Chicago, Ill.
B. T. Babbitt, 84 Washington St., New York.
S. F. Candle Co., 402 Front St., San Francisco, Cal.
Cincinnati Soap Co., Clarkson St., Cincinnati, O.
Columbia Chemical Works, 43 Sedgwick St., B'klyn, N. Y.
Jas. O. Draper & Co., Pawtucket, R. I.
Eagle Chemical Co., Newburyport, Mass.
Granite City Soap Co., Newburg, N. Y.
Anselm Hoefner, Buffalo, N. Y.
Kendall Mfg. Co., Providence, R. I.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Peet Bros. Mfg. Co., Kansas City, Mo.
James Pyle & Sons, 428 Greenwich St., New York.
Savena Mfg. Co., Cambridgeport, Mass.
Chas. E. Stevenson, Boston, Mass.

R. SPERM OIL SOAP.
Arctic Oil Works, San Francisco, Cal.
Geo. Delano's Sons, 176 Front St., New York.

S. SULPHUR SOAP.
Carbolic Soap Co., 230 Pearl St., New York.
Colgate & Co., 53 John St., New York.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.

T. TAR SOAP.
Carbolic Soap Co., 230 Pearl St., New York.
Caswell, Massey & Co., 202 5th Av., New York.
Colgate & Co., 53 John St., New York.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Packer Mfg. Co., 81 Fulton St., New York.
Theo. Ricksecker Co., 26 Reade St., New York.

U. TOILET SOAP.
American Soap Co., 75 Murray St., New York.
Jos. Biechele Soap Co., Canton, O.
Camden & Philadelphia Soap Co., Camden, N. J.
J. W. Campion & Co., 916 Filbert St., Philadelphia, Pa.
S. F. Candle Co., 402 Front St., San Francisco, Cal.
Carbolic Soap Co., 230 Pearl St., New York.
Colgate & Co., 53 John St., New York.
Auguste Doussan, 46 Charles St., New Orleans, La.
J. Eavenson & Son, 316 N. 20th St., Philadelphia, Pa.

Fay Bros., 92 Monroe St., New York.
Fels & Co., 1710 Market St., Philadelphia, Pa.
Granite City Soap Co., Newburg, N. Y.
Hall Capsule Co., Cincinnati, O.
Anselm Hoefner, Buffalo, N. Y.
Larkin Soap Mfg. Co., Larkin St., Buffalo, N. Y.
Lascelles Mfg. Co., Salem, N. Y.
Los Angeles Soap Co., Los Angeles, Cal.
Mexican Palmea Soap Co., Decatur, Ill.
Chas. F. Miller, Lancaster, Pa.
Northwestern Soap Co., Minneapolis, Minn.
Packer Mfg. Co., 81 Fulton St., New York.
Solon Palmer, 374 Pearl St., New York.
Peet Bros. Mfg. Co., Kansas City, Mo.
Phenique Chemical Co., 2221 Olive St., St. Louis, Mo.
Recamier Mfg. Co., 131 W. 31st St., New York.
Reed & Carnrick, 447 Greenwich St., New York.
Rice Petroleum & Soap Co., Titusville, Pa.
Theo. Ricksecker Co., 26 Reade St., New York.
Upson Oil & Soap Co., Parkersburg, W. Va.
Vail Bros., 816 Cherry St., Philadelphia, Pa.
Everett Ward, 470 11th Av., New York.
Western Soap Co., Omaha, Neb.
J. B. Williams Co., Glastonbury, Conn.

V. URINAL SOAP.
Carbolic Soap Co., 230 Pearl St., New York.

W. WHALE OIL SOAP.
Arctic Oil Works, San Francisco, Cal.
Geo. Delano's Sons, 176 Front St., New York.
W. A. Robinson & Co., New Bedford, Mass.

4451. SODA WATER APPARATUS.

American Soda Fountain Co., 449 1st Av., New York.
Avery Stamping Co., Coe & Lake Sts., Cleveland, O.
Bennett & Gompper, 241 Centre St., New York.
R. M. Green & Co., 1415 Vine St., Philadelphia, Pa.
Philip Madlener, Milwaukee, Wis.
Wittemann Bros., 188 William St., New York.

A. SIPHON JETS.
Trenton Potteries Co., Trenton, N. J.

B. SIPHONS.
Firm of John Matthews, 329 E. 26th St., New York.
Jas. P. Marsh & Co., 224 Washington St., Chicago, Ill.
Phila. Medical Glass Wks., 1220 Lawrence St., Phila., Pa.

C. SODA WATER FLAVORS.
John C. Wiarda & Co., 273 Green St., Brooklyn, N. Y.

D. SODA WATER FOUNTAINS.
Aldrich & Ray Mfg. Co., 1492 Niagara St., Buffalo, N. Y.
R. M. Green & Co., 1415 Vine St., Philadelphia, Pa.
Iron Clad Mfg. Co., 22 Cliff St., New York.
Liquid Carbonic Acid Mfg. Co., 76 Illinois St., Chicago, Ill.
M. Winter Lumber Co., Sheboygan, Wis.
Wittemann Bros., 188 William St., New York.

4452. SOUVENIR SPOONS.

M. S. Benedict Mfg. Co., East Syracuse, N. Y.
Codding & Heilborn Co., North Attleboro, Mass.
Niagara Silver Co., Niagara Falls, N. Y.
Simmons & Paye, 129 Eddy St., Providence, R. I.

4453. SPECTACLES & EYE GLASSES.

American Optical Co., Southbridge, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
L. Black & Co., Detroit, Mich.
E. S. & W. S. Fowler, 38 Madison St., Chicago, Ill.
Geneva Optical Co., Geneva, N. Y.
Hartford Optical Co., Hartford, Conn.
Heard Eye Glass Co., Cleveland, O.
Johnston Optical Co., Detroit, Mich.
B. Kalm & Son, 32 Maiden Lane, New York.
Lord Bros. Mfg. Co., Tilton, N. H.
E. B. Meyrowitz, 104 E. 23d St., New York.
National Optical Co., S. 11th & Miffin Sts., Philadelphia, Pa.
Southbridge Optical Co., Southbridge, Mass.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
Standard Optical Co., Geneva, N. Y.
John W. Wetherbee, Leominster, Mass.
T. A. Willson & Co., Reading, Pa.
Otto Young & Co., 149 State St., Chicago, Ill.
Jos. Zentmayer, 209 S. 11th St., Philadelphia, Pa.

A. BLUE GLASSES.
Lord Bros. Mfg. Co., Tilton, N. H.
Otto Young & Co., 149 State St., Chicago, Ill.

B. EYE GLASS CORDS.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

C. EYE GLASS HOOKS.
Lord Bros. Mfg. Co., Tilton, N. H.
L. Manasse Co., 88 Madison St., Chicago, Ill.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

Waite, Mathewson & Co., Providence, R. I.

D. SMOKED GLASSES.
Gordon & Morrison, 180 Madison St., Chicago, Ill.
Lord Bros. Mfg. Co., Tilton, N. H.

E. SPECTACLE & EYE GLASS CASES.
American Optical Co., Southbridge, Mass.
Wm. Birmingham & Co., 728 Arch St., Philadelphia, Pa.
Chas. J. Hauck & Son, 36 Stagg St., Brooklyn, N. Y.
Johnston Optical Co., Detroit, Mich.
Lord Bros. Mfg. Co., Tilton, N. H.
Chas. Parker Co., Meriden, Conn.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
W. B. White & Son, 105 Summer St., Boston, Mass.

F. SPECTACLE & EYE GLASS LENSES.
American Optical Co., Southbridge, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
Spencer Optical Mfg. Co., 15 Maiden Lane, New York.

4454. SPOOL HOLDERS.
Huebel & Manger, 286 Graham St., Brooklyn, N. Y.

A. SPOOL HOLDER & THREAD CUTTER.
W. Sawyer, Providence, R. I.

4455. SPRING APRON BANDS.
Hilts, Wrench & Mfg. Co., Richford, N. Y.

4456. SPRING GLOVE FASTENERS.
Wm. Littauer & Co., 388 2d Av., New York.

4457. STAINED GLASS, IMITATION.
W. C. Young, 932 Arch St., Philadelphia, Pa.

4458. STAMPS & STENCILS.

A. BRASS STAMPS.
Geo. M. Ness, Jr., 61 Fulton St., New York.

B. FRESCO STENCILS.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Reilley Bros., 322 W. 41st St., New York.
F. Weber & Co., 1125 Chestnut St., Philadelphia, Pa.

C. STEEL STAMPS.
Wm. H. Anderson & Sons, Detroit, Mich.
W. A. Bunting & Son, Pittsburg, Pa.
Geo. Carragan, 35 Beekman St., New York.
Wm. T. Cressler, Cincinnati, O.
J. F. W. Dorman Co., Baltimore, Md.
H. H. Harvey, 116 High St., Boston, Mass.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Geo. M. Ness, Jr., 61 Fulton St., New York.
New York Stencil Works, 100 Nassau St., New York.
S. H. Quint & Sons, 15 S. 4th St., Philadelphia, Pa.
Schwerdth & Siebert, 35 Fairfield Av., Bridgeport, Conn.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Nelson Stafford, 66 Fulton St., New York.

D. STENCIL COMBINATIONS.
Geo. Carragan, 35 Beekman St., New York.
New York Stencil Works, 100 Nassau St., New York.
S. H. Quint & Sons, 15 S. 4th St., Philadelphia, Pa.
Nelson Stafford, 66 Fulton St., New York.

E. STENCIL PLATES.
Geo. Carragan, 35 Beekman St., New York.
New York Stencil Works, 100 Nassau St., New York.
Schwerdth & Siebert, 35 Fairfield St., Bridgeport, Conn.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Nelson Stafford, 66 Fulton St., New York.

F. STENCILS.
Barnard Stamp Co., 311 Olive St., St. Louis, Mo.
W. A. Bunting & Son, Pittsburg, Pa.
Geo. Carragan, 35 Beekman St., New York.
Wm. T. Cressler, Cincinnati, O.
Denver Novelty Work Mfg. Co., Denver, Col.
J. F. W. Dorman Co., Baltimore, Md.
C. H. Ellert, Evansville, Ind.
Wm. A. Force & Co., 59 Beekman St., New York.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Wm. H. Howard, Dayton, O.
Jacob S. Lang, Albany, N. Y.
S. G. Monce, Unionville, Conn.
Geo. M. Ness, Jr., 61 Fulton St., New York.
New York Stencil Works, 100 Nassau St., New York.
F. L. Penney Co., 29 High St., Boston, Mass.
J. H. Power & Co., 64 High St., Boston, Mass.
R. H. Smith Mfg. Co., Springfield, Mass. *16
Nelson Stafford, 66 Fulton St., New York.

4459. STATUARY.
Ames Mfg. Co., Chicopee, Mass.
J. W. Fiske, 39 Park Place, New York.
Fort Wayne Statuary Co., Fort Wayne, Ind.
Harvey, Moland & Co., 620 Arch St., Philadelphia, Pa.
C. Hennecke Co., Milwaukee, Wis.
Melville D. Jones & Co., 76 Washn. St., Boston, Mass.

J. & R. Lamb, 59 Carmine St., New York.
M. H. Masman, Chicopee, Mass.
J. L. Mott Iron Works, 90 Beekman St., New York.
W. H. Mullins, Salem, O.
Nichols & Co., 202 Washington Boul., Chicago, Ill.
Ornamental Stamping Works, Grand Rapids, Mich.
Phila. White Bronze Monument Co., 23 S. 17th St., Phila., Pa.
Wm. C. Townsend, Zanesville, O.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

A. CAST IRON RABBITS. Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

B. LAWN STATUARY. Champion Iron Co., Kenton, O.
J. W. Fiske, 39 Park Place, New York.
Illinois Iron & Bolt Co., Carpentersville, Ill.
J. L. Mott Iron Works, 90 Beekman St., New York.
W. H. Mullins, Salem, O.
A. B. & W. T. Westervelt, 102 Chambers St., New York.

C. STATUETTES. Bradley & Hubbard Mfg. Co., Meriden, Conn.
Whittemore Bros., 12 E. 18th St., New York.

D. TERRA COTTA STATUARY. American Terra Cotta & Ceramic Co., 204 Dearborn, Chic., Ill.
Jacob C. Cassel, 709 Arch St., Philadelphia, Pa.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
T. A. Willson & Co., Reading, Pa.

4460. STEAM DISH WASHERS.
John Van Range Co., 419 Elm St., Cincinnati, O.

4461. STEAM DISINFECTING PLANTS.
Valk & Murdock Iron Wks., 14 Hasell St., Charleston, S. C.

4462. STEAM RIDING GALLERIES.
Armitage & Herschell Co., North Tonawanda, N. Y.

4463. STEEL KNUCKLES. Chester Steel Castings Co., Chester, Pa.

4464. STEEPLE HEADS. Hoopes & Townsend, 1330 Buttonwood St., Phila., Pa.

4465. STEREOPTICONS. J. B. Colt Co., 3 W. 29th St., New York.
T. H. McAllister, 49 Nassau St., New York.
Williams, Earle & Brown, 918 Chestnut St., Phila., Pa.

A. STEREOPTICON SLIDES. Thos. Hall & Son, 79 Franklin St., Boston, Mass.

4466. STERILIZING APPARATUS.
Bramhall-Deane Co., 264 Water St., New York.

A. LAUNDRY STERILIZERS. American Laundry Machinery Co., Cincinnati, O.
Empire Laundry Machinery Co., Boston, Mass.
Warren Electric Mfg. Co., Sandusky, O.

B. MILK STERILIZERS. A. H. Barber Mfg. Co., 229 S. Water St., Chicago, Ill.
Wilmot Castle & Co., Rochester, N. Y.
Star Milk Cooler Co., Haddonfield, N. J.

C. STERILIZING HEATERS. American Electrical Heater Co., 197 River St., Detroit, Mich.

4467. STIRRING RODS. Phila. Medical Glass Works, 1220 Lawrence St., Phila., Pa.
Standard Flint Glass Wks., 1120 N. Orianna St., Phila., Pa.

4468. STOCK SALTERS. Monarch Grubber Mfg. Co., Lone Tree, Iowa.

4469. STORAGE OIL CANS. Iron Clad Mfg. Co., 22 Cliff St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
Youngstown Specialty Mfg. Co., Youngstown, O.

4470. STORE FRONT GUARDS.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4471. STRAPS. Berger Bros. Co., 237 Arch St., Philadelphia, Pa.
J. E. Rhoads & Son, 239 Market St., Philadelphia, Pa.

A. BOOK STRAPS. J. J. Warren Co., 8 Washington Square, Worcester, Mass.

B. CANE & UMBRELLA STRAPS. John G. Wintjen, 14 Waverly Place, New York.

C. HANDY STRAPS. Planet Mfg. Co., 89 Dwight St., Springfield, Mass.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.

D. SHAWL STRAP HANDLES. North & Judd Mfg. Co., New Britain, Conn. *32

E. SHAWL STRAPS. American Pin Co., Waterbury, Conn.
P. J. Buckley, 1014 Jefferson St., Philadelphia, Pa.
Buffalo Weaving Co., Buffalo, N. Y.
Fitzgerald Trunk Co., 245 Jackson Boul., Chicago, Ill.
A. Hahn & Co., 472 Broadway, New York.
Haskell Bros., 52 Madison St., Chicago, Ill.
Edward S. Hotchkiss, Bridgeport, Conn.
Likly & Rockett, Cleveland, O.
T. B. Peddie & Co., Newark, N. J.
M. M. Secor Trunk Co., Racine, Wis.
Tie Co., Unadilla, N. Y.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

F. SHOULDER STRAPS. Caille & Bolia, Newark, N. J.
Fitzgerald Trunk Co., 245 Jackson Boul., Chicago, Ill.
Hager & Co., Newark, N. J.

Headley & Farmer Co., Harrison, N. J.
Wm. H. Horstmann Co., Cherry & N. 5th Sts., Phila., Pa.
T. B. Peddie & Co., Newark, N. J.

G. TOURISTS' STRAPS.
Hager & Co., Newark, N. J.
Headley & Farmer Co., Harrison, N. J.
T. B. Peddie & Co., Newark, N. J.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

H. TRUNK STRAPS.
Buffalo Weaving Co., Buffalo, N. Y.
Haskell Bros., 52 Madison St., Chicago, Ill.
Headley & Farmer Co., Harrison, N. J.
Holyoke Belting Co., Holyoke, Mass.
E. B. Lyon, Dayton, O.
T. B. Peddie & Co., Newark, N. J.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.

4472. STRAW GOODS.
T. L. Barber & Co., South Framingham, Mass.
Edwin P. Bassett & Sons, Franklin, Mass.
Brigham, Hopkins Co., Baltimore, Md.
Caton Bros., Bixby & Co., Foxboro, Mass.
Chicago Straw Works, 263 Wabash Av., Chicago, Ill.
Comey & Co., Mansfield, Mass.
Wm. T. Erickson, 621 Broadway, New York.
Estate of R. M. Reynolds, Monson, Mass.
H. W. Goodman & Co., North Dana, Mass.
Hills Co., Amherst, Mass.
Wm. Knowlton & Sons, 564 Broadway, New York.
Loeffel & Stadecker, 85 Bleecker St., New York.
Northwestern Straw Works, Milwaukee, Wis.
Joseph Potter & Son, 529 Arch St., Philadelphia, Pa.
Sawyer & Co., 169 Elm St., New York.
Searle, Dailey & Co., 602 Broadway, New York.
Wolford & Shilberg, Baltimore, Md.

4473. SUGAR CHEMISTS' OUTFITS.
Herman Kohlbusch, 59 Nassau St., New York.

4474. SULPHUR CANDLES, DISINFECTING.
Seabury & Johnson, 59 Maiden Lane, New York.

4475. SUMMER HOUSES.
Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.

4476. SUNDAY SCHOOL MODELS.
Milton Bradley Co., Springfield, Mass.

4477. SURVEYING INSTRUMENTS.
A. S. Aloe & Co., 415 N. Broadway, St. Louis, Mo.
Buff & Berger, 9 Province Court, Boston, Mass.
F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
W. Gardam & Son, 45 Rose St., New York.
W. & L. E. Gurley, Troy, N. Y.
Heller & Brightly, cor. Spring Garden St. & Ridge Av., Phil., Pa.
Keuffel & Esser Co., 127 Fulton St., New York.
Queen & Co., 1010 Chestnut St., Philadelphia, Pa.
C. F. Richardson & Son, Athol, Mass.
J. T. Slocomb & Co., 236 Eddy St., Providence, R. I.
L. S. Starrett Co., Athol, Mass.
Young & Sons, 43 N. 7th St., Philadelphia, Pa.

A. SURVEYORS' CHAINS.
W. & L. E. Gurley, Troy, N. Y.
Queen & Co., 1010 Chestnut St., Philadelphia, Pa.

B. SURVEYORS' LINING PINS.
W. H. Anderson & Sons, Detroit, Mich.

C. SURVEYORS' TABLES.
W. & L. E. Gurley, Troy, N. Y.
Standard Thermometer & Electric Co., Peabody, Mass.

4478. SWORDS & DAGGERS.
Ames Sword Co., Chicopee, Mass.
M. C. Lilley & Co., Columbus, O.

A. BELT MOUNTINGS.
Ames Sword Co., Chicopee, Mass.

B. SWORD CASES.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.

C. SWORD MOUNTINGS.
Ames Sword Co., Chicopee, Mass.

D. SWORDS, TOY.
A. Schoenhut & Co., 2215 Adams St., Philadelphia, Pa.

4479. TABLE WATER.
Artesian Lithia Spring Co., Ballston Spa, N. Y.
Thos. F. Goode, Buffalo Lithia Springs, Va.
Hygeia Sparkling Distilled Water Co., 349 W. 12th St., N.Y.
Saratoga Carlsbad Spring Co., Saratoga Springs, N. Y.
Saratoga Star Spring Co., Saratoga Springs, N. Y.
Saratoga Vichy Spring Co., Saratoga Springs, N. Y.
Saratoga Victoria Spring, Saratoga Springs, N. Y.
Carl H. Schultz, 440 1st Av., New York.
Tonjes & Co., 334 E. 31st St., New York.

A. AERATED WATER.
Columbia Water Co., Jersey City, N. J.

B. MINERAL WATER.
Bear Lithia Water Co., 234 Broadway, New York.
Bedford Bottling Works, Bedford, Ind.
Bethesda Mineral Spring Co., Waukesha, Wis.
Bolen & Byrne Mfg. Co., 419 E. 54th St., New York.
Champion Natural Carb'c Acid Gas Co., Saratoga Springs, N.Y.
Congress Spring Co., Saratoga Springs, N. Y.
Estate of W. K. Young, Saratoga Springs, N. Y.
Excelsior Spring Co., Saratoga Springs, N. Y.
Geyser Spring Co., Saratoga Springs, N. Y.
Hathorn & Co., Saratoga Springs, N. Y.
C. W. Lawrence, Saratoga Springs, N. Y.
Londonderry Lithia Spring Water Co., Nashua, N. H.
Missisquoi Mineral Springs Co., 29 Broadway, New York.
Natural Mineral Water Co., Saratoga Springs, N. Y.
Patterson Mineral Spring, Saratoga Springs, N. Y.
Poland Spring Co., South Poland, Me.
Red Spring Co., Saratoga Springs, N. Y.
Rubino Healing Springs Co., 7 W. 42d St., New York.
Saratoga Carlsbad Spring Co., Saratoga Springs, N. Y.
Saratoga Kissingen Spring, Saratoga Springs, N. Y.
Saratoga Star Spring Co., Saratoga Springs, N. Y.
Saratoga Vichy Spring Co., Saratoga Springs, N. Y.
Saratoga Victoria Spring Co., Saratoga Springs, N. Y.
P. Scherer, 11 Barclay St., New York.
Carl H. Schultz, 440 1st Av., New York.
Richard Warren Co., Paterson, N. J.
Windsor Mineral Spring Co., Lewiston, Me.

C. SODA WATER.
Bolen & Byrne Mfg. Co., 419 E. 54th St., New York.
Thomas Clements Bottling Co., Ltd., 236 Queen St., Phila., Pa.
Firm of John Matthews, 329 E. 26th St., New York.
J. J. Flynn & Co., Quincy, Ill.
Houck & Dieter, El Paso, Tex.
James Patterson & Sons, 217 Race St., Philadelphia, Pa.
Otto Zwietusch, Milwaukee, Wis.

4480. TAFFRAIL LOGS.
John Bliss & Co., 128 Front St., New York.

4481. TAG FASTENERS.
American Fish Hook Co., New Haven, Conn.

4482. TANKARDS.
Anchor Silver Plate Co., Oswego, N. Y.

4483. TAPE MEASURES.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Geo. M. Eddy & Co., 353 Classon Av., Brooklyn, N. Y.
Keuffel & Esser Co., 127 Fulton St., New York.
Lufkin Rule Co., Saginaw, Mich.
Waterbury Brass Co., Waterbury, Conn.

A. ADVERTISING MEASURES.
Geo. M. Eddy & Co., 353 Classon Av., Brooklyn, N. Y.

B. LINEN & COTTON TAPES.
Geo. M. Eddy & Co., 353 Classon Av., Brooklyn, N. Y.
Lufkin Rule Co., Saginaw, Mich.

C. SPRING POCKET TAPES.
Geo. M. Eddy & Co., 353 Classon Av., Brooklyn, N. Y.

D. STEEL TAPES.
Geo. M. Eddy & Co., 353 Classon Av., Brooklyn, N. Y.
Lufkin Rule Co., Saginaw, Mich.

E. TAILORS' MEASURES.
Geo. M. Eddy & Co., 353 Classon Av., Brooklyn, N. Y.
Earnest Goldbacher, 98 Fulton St., New York.

4484. TARPAULINS.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
Iroquois Bag & Oil Co., 275 Main St., Springfield, Mass.
John F. McHugh, 54 W. 31st St., New York.
Neville & Co., San Francisco, Cal.
Fred. Skelton, 608 6th Av., New York.
Standard Oiled Clothing Co., 52 Leonard St., New York.

4485. TEETHING RINGS, CELLULOID.
Celluloid Co., Newark, N. J.

4486. TELEMETERS.
Diggs-Seabury Gun & Ammunition Co., 120 Liberty St., N.Y.

4487. TELEPHONE TABLETS.
Samuel C. Tatum Co., Water & John Sts., Cincinnati, O.

4488. TELESEMES.
Herzog Teleseme Co. of N. Y. State, 30 Broad St., N. Y.

4489. TENTS.
John Boyle & Co., 203 Fulton St., New York.
E. C. Cook & Bro., 40 Dearborn St., Chicago, Ill.
Detroit Tent & Awning Co., Detroit, Mich.
John B. Gifford, Fall River, Mass.
John F. McHugh, 54 W. 31st St., New York.
Missouri Tent & Awning Co., 220 Chestnut St., St. Louis, Mo.
Neville & Co., San Francisco, Cal.
W. C. Noon Bag Co., Portland, Me.
T. C. Phelphs, 11 Central St., Boston, Mass.
R. M. Yale & Co., 29 S. Market St., Boston, Mass.
Zittlosen Mfg. Co., 106 N. Broadway, St. Louis, Mo.

A. MILITARY TENTS.
Wm. H. Wiley & Son, Hartford, Conn.

B. TENT PINS.
J. A. Dubuar Mfg. Co., Northville, Mich.
Kerr Bros. & Co., Hicksville, O.

E. J. Vance Box Co., Ltd., Bay City, Mich.

C. TENT POLES. Coss & Stinebaugh, Lima, O.
Kerr Bros. & Co., Hicksville, O.

D. TENT SLIDES. J. A. Dubuar Mfg. Co., Northville, Mich.

4490. TERRA COTTA WORK.

Amer. Terra Cotta & Ceramic Co.,204 Dearborn St.,Chic.,Ill.
Burns, Russell & Co., Baltimore, Md.
Calumet Fire Clay Co., Calumet, O.
Jacob C. Cassel, 709 Arch St., Philadelphia, Pa.
Cincinnati Sewer Pipe Co., Elm & Water Sts., Cinn., O.
Excelsior Terra Cotta Co., 287 4th Av., New York.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
Prentice & Hackett, Pittsburg, Pa.
Reading Terra Cotta & Stove Lining Wks., Reading, Pa.

A. TERRA COTTA EMBLEMS. Amer. Terra Cotta & Ceramic Co., 204 Dearborn St.,Chic.,Ill.
Jacob C. Cassel, 709 Arch St., Philadelphia, Pa.
Excelsior Terra Cotta Co., 287 4th Av., New York.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.
Reading Terra Cotta & Stove Lining Wks., Reading, Pa.

B. TERRA COTTA PORTRAITS. Amer. Terra Cotta & Ceramic Co., 204 Dearborn St.,Chic.,Ill.
Perth Amboy Terra Cotta Co., Perth Amboy, N. J.

C. TERRA COTTA VASES. Cincinnati Sewer Pipe Co., Elm & Water Sts., Cinn., O.

4491. TEST TUBES, ALUMINUM.

Pratt Mfg. Co., 167 Wooster St., New York.

4492. THAWING APPARATUS.

Fred. W. Wolf Co., 139 Rees St., Chicago, Ill.

4493. THEATRE CURTAINS, ASBESTOS.

Asbestos Paper Co., Boston, Mass.
H. W. Johns Mfg. Co., 100 William St., New York.

4494. THEATRICAL SCENERY & PROPS.

L. W. Seavey, Walton Av. cor. E. 140th St., New York.

4495. THEATRICAL STAGE EFFECTS.

Universal Electric Stage Lighting Co., 842 B'way, NewYork.

4496. THERMOMETERS. American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Ashcroft Mfg. Co., 85 Liberty St., New York.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Fairbanks Co., 311 Broadway, New York.
Henry J. Green, 1191 Bedford Av., Brooklyn, N. Y.
Emil Greiner, 62 Centre St., New York.
Edward P. Haff & Co., 76 Leonard St., New York.
R. Hoelm Co., 44 College Place, New York.
Hohmann & Maurer Mfg. Co., Rochester, N. Y.
Joseph T. Large & Son, Williamsburg, N. Y.
Queen & Co., 1010 Chestnut St., Philadelphia, Pa.
Standard Thermometer & Electric Co., Peabody, Mass.
Chas. J. Tagliabue, 53 Fulton St., New York.
Guiseppe Tagliabue, 302 Pearl St., New York.
Taylor Bros. Co., Rochester, N. Y.
Watertown Thermometer Co., Watertown, N. Y.
Henry Weinhagen, 22 N. William St., New York.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.
Chas. Wilder, Petersboro, N. H.

A. ADVERTISING THERMOMETERS. Arlington Mfg. Co., 475 Broadway, New York.
Standard Thermometer & Electric Co., Peabody, Mass.
Henry Weinhagen, 24 N. William St., New York.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.

B. BREWERS' & DISTILLERS' THERMOMETERS. Hohmann & Maurer Mfg. Co., Rochester, N. Y.
Schäffer & Budenberg, 25 Bedford Av., Brooklyn, N. Y.
Henry Weinhagen, 24 N. William St., New York.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.

C. COAL FIRE TESTS. Henry Weinhagen, 24 N. William St., New York.

D. HOT WATER HEATER THERMOMETERS. Crosby Steam Gage & Valve Co.,97 Oliv.St.,Boston,Mass. *6

E. HOT WELL THERMOMETERS. American Steam Gauge Co., 36 Chardon St., Boston, Mass.
Hohmann & Maurer Mfg. Co., Rochester, N. Y.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.

F. METALLIC THERMOMETERS. Standard Thermometer & Electric Co., Peabody, Mass.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.

G. RECORDING THERMOMETERS. Bristol Co., Waterbury, Conn.
Standard Thermometer & Electric Co., Peabody, Mass.

H. STEAM PIPE THERMOMETERS. Crosby Steam Gage & Valve Co.,97 Oliv.St.,Boston,Mass. *6

I. SUGAR REFINERY THERMOMETERS. Hohmann & Maurer Mfg. Co., Rochester, N. Y.

J. TELETHERMOMETERS. Standard Thermometer & Electric Co., Peabody, Mass.

K. VARNISH THERMOMETERS. Hohmann & Maurer Mfg. Co., Rochester, N. Y.

A. Weiskopf, 69 S. Canal St., Chicago, Ill.

4497. THERMOSTATS. Queen & Co., 1010 Chestnut St., Philadelphia, Pa.
Standard Thermometer & Electric Co., Peabody, Mass.
A. Weiskopf, 69 S. Canal St., Chicago, Ill.

4498. THIMBLES, IVORY. Fred. Grote, 114 E. 14th St., New York.

4499. TIDY HOLDERS. New England Novelty Mfg.Co.,24 Portland St.,Boston,Mass.

4500. TIME RECORDERS, EMPLOYEES'.
Standard Time Stamp Co., 844 Washington St., New York.

4501. TIME REGISTERS. Dey Time Register Co., Syracuse, N. Y.

4502. TIN ARMY CUPS. Troy Stamping Works, Troy, N. Y.

4503. TIN CAR SEALS. National Car Seal Co., Hamilton, O.

4504. TINSEL. F. W. Devoe & C. T. Raynolds Co., 101 Fulton St., N. Y.
Valentine & Co., 57 Broadway, New York.

4505. TIN SPECIALTIES. Ohio Lantern Co., Tiffin, O.
Youngstown Specialty Mfg. Co., Youngstown, O.

4506. TIN WARE, SHOP. Reilley Bros., 322 W. 41st St., New York.

A. CHEESE FACTORY & CREAMERY TINWARE. Oakes & Burger, Cattaraugus, N. Y.

B. DRUGGISTS' TINWARE. William A. Gill & Co., Columbus, O.
Norton Bros., Inc., 813 Masonic Temple, Chicago, Ill.
Sidney Shepard & Co., Buffalo, N. Y.
Wm. Vogel & Bros., 37 S. 9th St., Brooklyn, N. Y.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.

C. GROCERS' TINWARE. Beardsley Mfg. Co., Cleveland, O.
Morgan & Cornell, 213 Duane St., New York.
Sidney Shepard & Co., Buffalo, N. Y.
X. Stoutenborough, 270 Pearl St., New York.

D. PAINTERS' TINWARE. Reilley Bros., 322 W. 41st St., New York.
F. C. Wilson & Co., 239 Lake St., Chicago, Ill.

E. SPICE DEALERS' TINWARE. Sidney Shepard & Co., Buffalo, N. Y.

4507. TOILET ACCESSORIES.
Lazell, Dalley & Co., 12 Duane St., New York.
Nicol & Co., 57 W. Washington St., Chicago, Ill.
Wood & Hughes, 24 John St., New York.

A. BATH MITTENS. Star&Crescent Mill Co.,LehighAv.& N.HancockSts.,Phil.,Pa.

B. COMB CASES. American Stamping Co., 103 N. 3d St., Brooklyn, N. Y.
B. L. Anderson & Co., 281 W. Superior St., Chicago, Ill.
Sidney Shepard & Co., Buffalo, N. Y.
W. H. Sweeney Mfg. Co., 66 Water St., Brooklyn, N. Y.

C. COMB CLEANERS. Gay & Parsons, Augusta, Me.

D. COMBS. Wm. H. Ball & Co., 14 John St., New York.
B. F. Blodgett & Co., Leominster, Mass.
Henry Carlisle, 609 Commerce St., Philadelphia, Pa.
Samuel Curtis & Son, Sandy Hook, Conn.
Florence Mfg. Co., Florence, Mass.
Wm. Maas & Co., 370 Broadway. New York.
Meriden Britannia Co., Meriden, Conn.
Wm. H. Noyes & Bro., Newburyport, Mass.
J. Noyes & Co., Binghamton, N. Y.
Eugene H. Richards, 7 Green St., Boston, Mass.
Tilton & Cook, Leominster, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.
F. M. Whiting Co., North Attleboro, Mass.

E. COMBS, CELLULOID. Celluloid Co., Newark, N. J.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

F. COMBS, HORN. W. D. Earl & Co., Leominster, Mass.
Walter M. Farwell & Co., Northboro, Mass.

G. COMBS, IVORY. Pratt, Reed & Co., Deep River, Conn.

H. COMBS, METAL. Aluminum Mfg. Co., Two Rivers, Wis.
Wm. Crabb & Co., Newark, N. J.
Illinois Pure Aluminum Co., Lemont, Ill.
Queen Aluminum Co., Cincinnati, O.

I. COMBS, POCKET. Celluloid Co., Newark, N. J.
Walter M. Farwell & Co., Northboro, Mass.
R. Wallace & Sons Mfg. Co., Wallingford, Conn.

J. COMBS, RUBBER. Akron Rubber Works, Akron, O.
C. J. Bailey & Co., Boston, Mass.
Butler Hard Rubber Co., 9 Mercer St., New York.
George M. Eddy & Co., 353 Classon Av., Brooklyn, N. Y.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Goodyear Vulcanite Co., 568 Broadway, New York.
Hodgman Rubber Co., 593 Broadway, New York.
India Rubber Comb Co., 9 Mercer St., New York.
Mechanical Rubber Co., 22 Murray St., New York.

K. COMBS, SHELL. R. Wallace Sons Mfg. Co., Wallingford, Conn.

L. COMBS, SIDE.	Sloan & Co., 21 Maiden Lane, New York.
M. COMBS, SILVER.	Theo. W. Foster & Bros. Co., Providence, R. I.
N. COMBS, TORTOISE SHELL.	F. Grote & Co., 114 E. 14th St., New York.
	August Trenkmann, 403 Broome St., New York.
O. CUFF & COLLAR BOXES.	Comstock-Hoff Mfg. Co., 34 Warren St., New York.
	Wm. A. Haines, 133 N. 7th St., Philadelphia, Pa.
	Max Kaufmann, 511 Grand St., New York.
	Koch Sons & Co., 541 Pearl St., New York.
	John Mehl & Co., Inc., Jersey City, N. J.
	T. B. Peddie & Co., Inc., Newark, N. J.
	C. F. Rumpp & Sons, S.W.cor.N.5th & Cherry Sts.,Phila.,Pa.
	J. J. Warren Co., Worcester, Mass.
	Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
P. CURLING IRON HEATERS.	American Electrical Heater Co., Detroit, Mich.
	Thos. W. Houchin Co., 69 Park Place, New York.
	Nicol & Co., 57 W. Washington St., Chicago, Ill.
Q. CURLING IRONS.	Chas. J. Hauck & Son, 36 Stagg St., Brooklyn, N. Y.
	Howe Mfg. Co., Derby, Conn.
	C. A. Luther & Co., Pawtucket, R. I.
	Nicol & Co., 57 W. Washington St., Chicago, Ill.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
R. CURLING TONGS.	Wm. Johnson, Newark, N. J.
	Meriden Malleable Iron Co., Meriden, Conn.
	C. S. Osborne & Co., Newark, N. J.
S. EAR SPONGES.	Celluloid Co., Newark, N. J.
	A. N. Clark & Son, Plainville, Conn.
T. GLOVE BOXES.	Koch Sons & Co., 541 Pearl St., New York.
U. GLOVE BUTTONS.	Arlington Mfg. Co., 475 Broadway, New York.
	H. F. Barrows & Co., North Attleboro, Mass.
	Celluloid Co., Newark, N. J.
	Cheever, Tweedy Co., North Attleboro, Mass.
	Gorham Mfg. Co., 889 Broadway, New York.
	Greystone Mfg. Co., Greystone, Conn.
	F. Grote & Co., 114 E. 14th St., New York.
	International Silver Co., Meriden, Conn.
	E. S. Johnson & Co., 31 Maiden Lane, New York.
	S. F. Myers Co., 50 Maiden Lane, New York.
	New England Novelty Mfg. Co., Boston, Mass.
	Plainville Stock Co., Plainville, Mass.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
	F. M. Whiting Co., North Attleboro, Mass.
V. GLOVE CLEANERS, RUBBER.	C. J. Bailey & Co., Boston, Mass.
W. GLOVE STRETCHERS.	Celluloid Co., Newark, N. J.
	F. Grote & Co., 114 E. 14th St., New York.
X. HAIRBRUSH CLEANERS.	Chas. J. Hauck & Son, 36 Stagg St., Brooklyn, N. Y.
Y. HAIR CRIMPERS.	American Pin Co., Waterbury, Conn.
	Ellwood Ivins Tube Co., N. 7th,n.Oak Lane Station,Phil.,Pa.
	New England Novelty Mfg. Co., Boston, Mass.
	Phila. Novelty Mfg. Co., N. 13th c. Noble St., Phila., Pa.
Z. HAIR CURLERS.	Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
	Howe Mfg. Co., Derby, Conn.
	C. A. Luther & Co., Pawtucket, R. I.
	Geo. A. Scott, 842 Broadway, New York.
	T. B. Stayner, Providence, R. I.
AA. HAIR ROLLS, WIRE.	Weston & Wells Mfg. Co., 1116 Noble St., Philadelphia, Pa.
BB. MANICURE CASES.	Celluloid Co., 36 Washington Place, New York.
	Simons Bros. & Co., 616 Chestnut St., Philadelphia, Pa.
CC. MANICURE SETS.	C. J. Bailey & Co., Boston, Mass.
	A. F. Bannister & Co., Newark, N. J.
	C. J. Bates, Chester, Conn.
	Celluloid Co., Newark, N. J.
	A. N. Clark & Son, Plainville, Conn.
	Florence Mfg. Co., Florence, Mass.
	Theo. W. Foster & Bros. Co., Providence, R. I.
	F. Grote & Co., 114 E. 14th St., New York.
	Koch Sons & Co., 541 Pearl St., New York.
	Meriden Britannia Co., Meriden, Conn.
	C. F. Rumpp & Sons, Cherry & N. 5th Sts., Philadelphia, Pa.
	Tiley, Pratt & Co., Essex, Conn.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
	J. J. Warren Co., Worcester, Mass.
DD. MIRRORS, HAND.	B. L. Anderson & Co., 281 W. Superior St., Chicago, Ill.
	Arlington Mfg. Co., 475 Broadway, New York.
	Bradley & Hubbard Mfg. Co., Meriden, Conn.
	Celluloid Co., Newark, N. J.

	Florence Mfg. Co., Florence, Mass.
	Theo. W. Foster & Bros. Co., Providence, R. I.
	F. Grote & Co., 114 E. 14th St., New York.
	Meriden Britannia Co., Meriden, Conn.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
EE. MIRRORS, SHAVING.	Celluloid Co., 36 Washington Place, New York.
	Peter Wiederer, 521 Broadway, New York.
	William Wiler, 223 S. 5th St., Philadelphia, Pa.
FF. MIRRORS, TOILET.	M. S. Benedict Mfg. Co., East Syracuse, N. Y.
	Celluloid Co., 36 Washington Place, New York.
	Florence Mfg. Co., Florence, Mass.
	F. Grote & Co., 114 E. 14th St., New York.
	Hargreaves Mfg. Co., Detroit, Mich.
	H. L. Judd & Co., 87 Chambers St., New York.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
	Peter Wiederer, 521 Broadway, New York.
	William Wiler, 223 S. 5th St., Philadelphia, Pa.
GG. NAIL CUTTERS.	American Cutlery Co., 402 Masonic Temple, Chicago, Ill.
	Wire Goods Co., Worcester, Mass.
HH. PINCHING IRONS.	C. A. Luther & Co., Pawtucket, R. I.
	Nicol & Co., 57 W. Washington St., Chicago, Ill.
	C. S. Osborne & Co., Newark, N. J.
II. POWDER BOXES.	Arlington Mfg. Co., 475 Broadway, New York.
	M. S. Benedict Mfg. Co., East Syracuse, N. Y.
	Celluloid Co., Newark, N. J.
	E. B. Estes & Sons, 45 John St., New York.
	F. Grote & Co., 114 E. 14th St., New York.
	Randolph Paper Box Co., Richmond, Va.
	Gottlieb Tuern, 46 W. 23d St., New York.
JJ. POWDER PUFFS.	Powder Puff & Snow Ball Mfg. Co., 17 E. 14th St., N. Y.
KK. RAZOR STROPS.	Benjamin F. Badger, Plymouth, Mass.
	Electric Cutlery Co., Newark, N. J.
	Howard Mfg. Co., Charlestown, Mass.
	Kampfe Bros., 8 Reade St., New York.
	W. A. Shull, 142 N. 4th St., Philadelphia, Pa.
	J. R. Torrey & Co., Worcester, Mass.
LL. SHAVING CASES.	Celluloid Co., Newark, N. J.
	Comstock-Hoff Mfg. Co., 34 Warren St., New York.
	Max Kaufmann, 93 Crosby St., New York.
	Koch Sons & Co., 541 Pearl St., New York.
	J. R. Torrey & Co., Worcester, Mass.
MM. SHOE BUTTON HOOKS.	Arlington Mfg. Co., 475 Broadway, New York.
	Armstrong Mfg. Co., Bridgeport, Conn. *18
	M. S. Benedict Mfg. Co., East Syracuse, N. Y.
	Celluloid Co., Newark, N. J.
	F. Grote & Co., 114 E. 14th St., New York.
	J. K. Krieg & Co., 39 Warren St., New York.
	New England Awl & Needle Co., West Medway, Mass.
	Nicol & Co., 57 W. Washington St., Chicago, Ill.
	Potter & Snell, Deep River, Conn.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
	A. T. Wall & Co., Providence, R. I.
	F. M. Whiting Co., North Attleboro, Mass.
	Wire Goods Co., Worcester, Mass.
NN. SHOE HORNS.	Celluloid Co., Newark, N. J.
	F. Grote & Co., 114 E. 14th St., New York.
	Meriden Britannia Co., Meriden, Conn.
	Tiley, Pratt & Co., Essex, Conn.
	R. Wallace & Sons Mfg. Co., Wallingford, Conn.
OO. SPONGE RACKS, IRON.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
PP. TOILET ARTICLES, ALUMINUM.	Florence Mfg. Co., Florence, Mass.
QQ. TOILET ARTICLES, CELLULOID.	Celluloid Co., Newark, N. J.
RR. TOILET ARTICLES, IVORY.	F. Grote & Co., 114 E. 14th St., New York.
	Joseph Shardlow, 116 Fulton St., New York.
SS. TOILET ARTICLES, OXIDIZED SILVER.	Gorham Mfg. Co., 889 Broadway, New York.
	Meriden Silver Plate Co., Meriden, Conn.
	Pairpoint Mfg. Co., New Bedford, Mass.
TT. TOILET ARTICLES, RUBBER.	C. J. Bailey & Co., Boston, Mass.
	Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
UU. TOILET ARTICLES, SILVER.	Theo. W. Foster & Bros. Co., Providence, R. I.
	Middletown Plate Co., Middletown, Conn.
	Simons Bros. & Co., 616 Chestnut St., Philadelphia, Pa.
VV. TOILET ARTICLES, SILVER PLATED.	Derby Silver Co., Derby, Conn.
	Derby Silver Co., Birmingham, Conn.

	Middletown Plate Co., Middletown, Conn.
WW. TOILET ARTICLES, TORTOISE SHELL.	F. Grote & Co., 114 E. 14th St., New York.
	August Trenkmann, 403 Broome St., New York.
XX. TOILET ARTICLES, WIRE.	Woods, Sherwood & Co., Lowell, Mass.
YY. TOILET BAGS.	Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.
ZZ. TOILET CASES.	English & Mersick Co., New Haven, Conn.
	Hargreaves Mfg. Co., Detroit, Mich.
	Koch Sons & Co., 541 Pearl St., New York.
	T. B. Peddie & Co., Inc., Newark, N. J.
	C. F. Rumpp & Sons, Cherry & N. 5th Sts., Phila., Pa.
	M. M. Secor Trunk Co., Racine, Wis.
	H. H. Sheip Mfg. Co., 529 Columbia Av., Philadelphia, Pa.
	J. R. Torrey & Co., Worcester, Mass.
	J. J. Warren Co., Worcester, Mass.
	Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
	Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.
AAA. TOILET PUMICE STONE.	S. H. Wetmore Co., 242 Pearl St., New York.
BBB. TRAVELING CASES.	Abel & Bach Co., Milwaukee, Wis.
	Celluloid Co., Newark, N. J.
	Crouch & Fitzgerald, 161 Broadway, New York.
	Goodyear Rubber Co., 787 Broadway, New York.
	Hodgman Rubber Co., 593 Broadway, New York.
	T. B. Peddie & Co., Inc., Newark, N. J.
	Schmit Bros. Trunk Co., Oshkosh, Wis.
	M. M. Secor Trunk Co., Racine, Wis.
	Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
4508. TOILET PAPER FIXTURES.	
	American Roll Paper Co., St. Louis, Mo.
	A. P. W. Paper Co., Albany, N. Y.
	Huebel & Manger, 286 Graham St., Brooklyn, N. Y.
	Morgan Envelope Co., Springfield, Mass.
	Searls Mfg. Co., Newark, N. J.
	N. R. Streeter & Co., Rochester, N. Y.
	Woods, Sherwood & Co., Lowell, Mass.
A. TOILET PAPER PLUGS.	Stowell Mfg. Co., Putney, Vt.
4509. TOOTH PICKS.	F. Grote & Co., 114 E. 14th St., New York.
A. ALASKA IVORY TOOTH-PICKS.	C. J. Bates, Chester, Conn.
B. WOOD TOOTH PICKS.	Cutter Tower Co., Boston, Mass.
	E. B. Estes & Sons, 45 John St., New York.
4510. TRADE MARKS.	National Decalcomania Co., 230 N. 12th St., Phila., Pa.
4511. TRAMMELS.	L. S. Starrett Co., Athol, Mass.
4512. TREE GUARDS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
	Central Expanded Metal Co., Pittsburg, Pa.
	Champion Iron Co., Kenton, O.
	Edward Darby & Sons, 233 Arch St., Philadelphia, Pa.
	De Kalb Fence Co., De Kalb, Ill.
	Thos. Dimond, 128 W. 33d St., New York.
	J. W. Fiske, 39 Park Place, New York.
	Gilbert & Bennett Mfg. Co., Georgetown, Conn.
	Hartman Mfg. Co., 309 Broadway, New York.
	Howard & Morse, 45 Fulton St., New York.
	Jackson Architectural Iron Works, 315 E. 28th St., N. Y.
	F. E. Kohler & Co., Canton, O.
	Fred. J. Meyers Mfg. Co., Hamilton, O.
	Van Dorn Iron Works Co., Cleveland, O.
	A. B. & W. T. Westervelt, 102 Chambers St., New York.
A. PORTABLE TREE GUARDS.	J. W. Fiske, 39 Park Place, New York.
4513. TRESTLES & SCAFFOLDS.	
A. BOATSWAINS' CHAIRS.	Reilley Bros., 322 W. 41st St., New York.
B. FOLDING SCAFFOLD BRACKETS.	Stowell Mfg. Co., Putney, Vt.
C. PAINTERS' & PAPER HANGERS' TRESTLES.	Reilley Bros., 322 W. 41st St., New York.
D. PAINTERS' SCAFFOLDS.	Davenport Ladder Co., Davenport, Iowa.
	W. L. Glidden, 1035 Atlantic Av., Brooklyn, N. Y.
	C. W. H. Moulton & Co., East Cambridge, Mass.
	Reilley Bros., 322 W. 41st St., New York.
E. ROOF STAGES.	Edward Prescott, Boston, Mass.
4514. TRINKET BOXES.	Anchor Silver Plate Co., Oswego, N. Y.
4515. TROUSERS HANGERS.	Barbee Wire & Iron Works, 44 Dearborn St., Chicago, Ill.
4516. TROUSERS STRETCHERS.	
	M. S. Brooks & Sons, Chester, Conn.
	James F. Martin, Frankford, Pa.
	Silver & Co., Inc., 18 Warren St., New York.
4517. TRUCKS.	American Blower Co., Detroit, Mich.

J. G. Brill & Co., S. 62d St. & Woodlawn Av., Phila., Pa.
Bryan Mfg. Co., Bryan, O.
Byram & Co., Detroit, Mich.
George P. Clark, Windsor Locks, Conn.
Fairbanks Co., 311 Broadway, New York.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Nutting Truck Co., Faribault, Minn.
Ramapo Iron Works, Hillburn, N. Y.
Sidney Steel Scraper Co., Sidney, O.
Spicer Mfg. Co., New Philadelphia, Pa.
R. W. Whitehurst & Co., Norfolk, Va.
Whiting Foundry Equipment Co., Harvey, Ill.

A. BACON & HAM TRUCKS.
Boston & Lockport Block Co., Boston, Mass.
Chicago Scale Co., 296 W. Jackson Boul., Chicago, Ill.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.

B. BAGGAGE TRUCKS.
Ames Plow Co., Boston, Mass.
Boston & Lockport Block Co., Boston, Mass.
Buffalo Scale Co., Buffalo, N. Y.
Chicago Scale Co., 296 W. Jackson Boul., Chicago, Ill.
David W. Cochrane, 195 S. 5th Av., New York.
H. N. Hubbard, 18 Cliff St., New York.
Kalamazoo Railroad Velocipede & Car Co., Kalamazoo, Mich.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Riehle Bros. Testing Mach. Co., 19 N. 6th St., Phila., Pa.
Sidney Steel Scraper Co., Sidney, O.
R. W. Whitehurst & Co., Norfolk, Va.

C. BAG TRUCKS.
Boston & Lockport Block Co., Boston, Mass.
N. P. Bowsher Co., South Bend, Ind.
A. Buch's Sons, Elizabethtown, Pa.
Buffalo Scale Co., Buffalo, N. Y.
David W. Cochrane, 195 S. 5th Av., New York.
Geo. S. Comstock, Mechanicsburg, Pa.
Hiram Deats, Jr., Pittstown, N. J.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Henry Martin Brick Mach. Mfg. Co., Lancaster, Pa.
Nordyke & Marmon Co., Indianapolis, Ind.
Ohio Wringer & Lawn Mower Co., Springfield, O.
E. H. Pease Mfg. Co., Racine, Wis.
Riehle Bros. Testing Mach. Co., 19 N. 6th St., Phila., Pa.
St. Albans Foundry Co., St. Albans, Vt.

D. BARREL TRUCKS.
Adams Co., Dubuque, Iowa.
Bateman Mfg. Co., Grenloch, N. J.
Boston & Lockport Block Co., Boston, Mass.
David W. Cochrane, 195 S. 5th Av., New York.
Keystone Farm Mach. Co., Ltd., York, Pa.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
Nutting Truck Co., Faribault, Minn.
Riehle Bros. Testing Mach. Co., 19 N. 6th St., Phila., Pa.
Samuel C. Tatum Co., Cincinnati, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

E. BLOCK TRUCKS.
Ames Plow Co., Boston, Mass.
Boston & Lockport Block Co., Boston, Mass.
Thomas Carlin's Sons, Allegheny, Pa.
H. N. Hubbard, 18 Cliff St., New York.

F. BOOK TRUCKS.
Boston & Lockport Block Co., Boston, Mass.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

G. BOTTLERS' TRUCKS.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

H. BOX TRUCKS.
American Clay Working Mach. Co., Bucyrus, O.
Boston & Lockport Block Co., Boston, Mass.
David W. Cochrane, 195 S. 5th Av., New York.
A. B. Farquhar & Co., York, Pa.
Howe Scale Co. of 1886, Rutland, Vt.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

	Lansing Wheelbarrow Co., Lansing, Mich.
I. CARPET TRUCKS.	Howe Scale Co. of 1886, Rutland, Vt.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
J. COTTON TRUCKS.	Boston & Lockport Block Co., Boston, Mass.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Peacock's Iron Works, Selma, Ala.
	Riehle Testing Mach. Co., 19 N. 6th St., Philadelphia, Pa.
K. DRY GOODS TRUCKS.	Boston & Lockport Block Co., Boston, Mass.
	City Forge & Iron Works, Dayton, O.
	David W. Cochrane, 195 S. 5th Av., New York.
	A. B. Farquhar & Co., York, Pa.
	Howe Scale Co. of 1886, Rutland, Vt.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Nutting Truck Co., Faribault, Minn.
	Samuel C. Tatum Co., Cincinnati, O.
L. DYE HOUSE TRUCKS.	H. W. Butterworth & Sons, 2415 E. York St., Phila., Pa.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
M. FACTORY TRUCKS.	Boston & Lockport Block Co., Boston, Mass.
	Grand Rapids Hand Screw Co., Grand Rapids, Mich.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Nutting Truck Co., Faribault, Minn.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
N. HOG TRUCKS.	Chicago Scale Co., 296 W. Jackson Boul., Chicago, Ill.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
O. IRON FREIGHT TRUCKS.	A. Kieckhefer Elevator Co., Milwaukee, Wis.
	Phillips, Doup & Co., Pearl & Water Sts., Brooklyn, N. Y.
P. IRON TRUCKS.	Jones & Loughlins, Ltd., Pittsburg, Pa.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
Q. LUMBER TRUCKS.	E. C. Atkins & Co., Indianapolis, Ind. *19 & 20
	Boston & Lockport Block Co., Boston, Mass.
	Chickasaw Iron Works, Memphis, Tenn.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Knight Mfg. Co., Canton, O.
	B. F. Sturtevant Co., Boston, Mass.
R. PLATFORM TRUCKS.	Ames Plow Co., Boston, Mass.
	Boston & Lockport Block Co., Boston, Mass.
	Buffalo Scale Co., Buffalo, N. Y.
	Chicago Scale Co., 296 W. Jackson Boul., Chicago, Ill.
	A. B. Farquhar & Co., York, Pa.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
	Lansing Wheelbarrow Co., Lansing, Mich.
	Nutting Truck Co., Faribault, Minn.
	Riehle Bros. Testing Mach. Co., 19 N. 6th St., Phila., Pa.
S. POST OFFICE TRUCKS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
T. PRINTERS' TRUCKS.	Hamilton Mfg. Co., Two Rivers, Wis.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
U. RUBBER ROLL TRUCKS.	Boston Belting Co., Boston, Mass.
	George P. Clark, Windsor Locks, Conn.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
V. STEVEDORES' TRUCKS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
	R. W. Whitehurst & Co., Norfolk, Va.
W. STOVE TRUCKS.	John Campbell, Manchester, N. H.
	David W. Cochrane, 195 S. 5th Av., New York.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.
	Kilbourne & Jacobs Mfg. Co., Columbus, O.
	Lansing Wheelbarrow Co., Lansing, Mich.
	S. Obermayer Co., Cincinnati, O.
	Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
	Warner Hardware Co., Freeport, Ill.
X. STUFF BOX TRUCKS.	Black & Clawson Co., Hamilton, O.
Y. TRUCK BRACKETS.	Kilbourne & Jacobs Mfg. Co., Columbus, O.
Z. TRUCK WHEELS, IRON.	Blue Valley Mfg. Co., Manhattan, Kan.
	George P. Clark, Windsor Locks, Conn.
	Jas. L. Haven Co., Cincinnati, O.
	A. Kieckhefer Elevator Co., Milwaukee, Wis.

AA. WAGON TRUCKS.

Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.

BB. WAREHOUSE TRUCKS.

Ames Plow Co., Boston, Mass.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Benicia Agricultural Works, Benicia, Cal.
Boston & Lockhart Block Co., Boston, Mass.
Buffalo Scale Co., Buffalo, N. Y.
City Forge & Iron Works, Dayton, O.
David W. Cochrane, 195 S. 5th Av., New York.
Crane Bros., Westfield, Mass.
A. B. Farquhar & Co., York, Pa.
W. P. Horner & Co., Danville, Va.
H. N. Hubbard, 18 Cliff St., New York.
A. Kieckhefer Elevator Co., Milwaukee, Wis.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Nutting Truck Co., Faribault, Minn.
St. Charles Car Co., St. Charles, Mo.
Sidney Steel Scraper Co., Sidney, O.
Tiffin Agricultural Works, Tiffin, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
R. W. Whitehurst & Co., Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.

CC. WILLOW LAUNDRY TRUCKS.

A. Meinecke & Son, Milwaukee, Wis.

4518. TRUNKS.

Abel & Bach Co., Milwaukee, Wis.
W. E. Arnold & Co., Baltimore, Md.
Geo. B. Bains & Sons, 402 Market St., Philadelphia, Pa.
Bingham Harness Co., Rome, N. Y.
Carpeles Co., Milwaukee, Wis.
Chilton-Guthrie Trunk Co., Louisville Co., Ky.
Crouch & Fitzgerald, 161 Broadway, New York.
Josiah Cummings' Son & Co., Boston, Mass.
N. Drucker & Co., 110 W. 3d St., Cincinnati, O.
Fitzgerald Trunk Co., 245 Jackson St., Chicago, Ill.
N. M. Freling, Kansas City, Mo.
Haskell Bros., 52 Madison St., Chicago, Ill.
L. W. & R. Lieberman, Atlanta, Ga.
Henry Likly & Co., Rochester, N. Y.
Likly & Rockett, Cleveland, O.
Henry Lissa & Co., 595 Broadway, New York.
Wm. Littauer & Co., 388 2d Av., New York.
Martin Maier & Co., 102 Woodward St., Detroit, Mich.
Miller & Strockbine, 514 Market St., Philadelphia, Pa.
T. B. Peddie & Co., Inc., Newark, N. J.
Romadka Bros. Co., Milwaukee, Wis.
Schmit Bros. Trunk Co., Oshkosh, Wis.
M. M. Secor Trunk Co., Racine, Wis.
Seward Trunk & Bag Co., Petersburg, Va.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

A. RAW HIDE TRUNKS.

Josiah Cummings' Son & Co., Boston, Mass.

B. SAMPLE CASES.

Crouch & Fitzgerald, 161 Broadway, New York.
Josiah Cummings' Son & Co., Boston, Mass.
N. Drucker & Co., 110 W. 3d St., Cincinnati, O.
Fitzgerald Trunk Co., 245 Jackson St., Chicago, Ill.
Haskell Bros., 52 Madison St., Chicago, Ill.
Henry Likly & Co., Rochester, N. Y.
Likly & Rockett, Cleveland, O.
Henry Lissa & Co., 595 Broadway, New York.
Miller & Strockbine, 514 Market St., Philadelphia, Pa.
T. B. Peddie & Co., Inc., Newark, N. J.
F. Rumpp & Sons, 116 N. 4th St., Philadelphia, Pa.
Schmit Bros. Trunk Co., Oshkosh, Wis.
M. M. Secor Trunk Co., Racine, Wis.
J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Western Tray Factory, Cincinnati, O.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

C. SAMPLE TRUNKS.

Crouch & Fitzgerald, 161 Broadway, New York.
N. Drucker & Co., 110 W. 3d St., Cincinnati, O.
Fitzgerald Trunk Co., 245 Jackson St., Chicago, Ill.
Haskell Bros., 52 Madison St., Chicago, Ill.
Leatheroid Mfg. Co., Kennebunk, Me.
Henry Likly & Co., Rochester, N. Y.
Henry Lissa & Co., 595 Broadway, New York.
T. B. Peddie & Co., Inc., Newark, N. J.

Schmit Bros. Trunk Co., Oshkosh, Wis.
M. M. Secor Trunk Co., Racine, Wis.
Western Leather Mfg. Co., 75 Wabash Av., Chicago, Ill.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

D. SOLE LEATHER TRUNKS. Abel & Bach Co., Milwaukee, Wis.
Caille & Bolia, Newark, N. J.
Crouch & Fitzgerald, 161 Broadway, New York.
Fitzgerald Trunk Co., 245 Jackson St., Chicago, Ill.
Hager & Co., Newark, N. J.
Headley & Farmer Co., Harrison, N. J.
Henry Lissa & Co., 595 Broadway, New York.
T. B. Peddie & Co., Inc., Newark, N. J.
Schmit Bros. Trunk Co., Oshkosh, Wis.
M. M. Secor Trunk Co., Racine, Wis.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

E. STEEL TRUNKS. Josiah Cummings' Son & Co., Boston, Mass.
Henry Lissa & Co., 595 Broadway, New York.

F. SUIT CASES. Henry Likly & Co., Rochester, N. Y.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

G. TELESCOPE CASES. J. J. Warren Co., 8 Washington Square, Worcester, Mass.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

H. TRUNK COVERS. Henry Lissa, 595 Broadway, New York.
John F. McHugh, 1263 Broadway, New York.
T. B. Peddie & Co., Inc., Newark, N. J.
M. M. Secor Trunk Co., Racine, Wis.
Chas. T. Wilt, 42 E. Madison St., Chicago, Ill.

I. TRUNKS, LINENOID. Crane Bros., Westfield, Mass.

J. VULCANIZED FIBRE TRUNKS. Josiah Cummings' Son & Co., Boston, Mass.
Delaware Hard Fibre Co., Wilmington, Del.
Vulcanized Fibre Co., Wilmington, Del.

4519. TUMBLER HOLDERS. Huebel & Manger, 286 Graham St., Brooklyn, N. Y.

4520. TUMBLER WASHERS. Yawman & Erbe Mfg. Co., Rochester, N. Y.

4521. TURNED BRASS GOODS.
International Electric Co., 76 Beekman St., New York.

4522. TURNED WOODEN GOODS.
T. H. Chubb Rod Co., Post Mills, Vt.
Essex Wood Turning Co., Essex, Conn.
Newburgh Furniture Mfg. Co., Newburgh, N. Y.
Novelty Wood Works, Union City, Pa.
Ohio Tool Co., Columbus, O.
Piqua Handle & Mfg. Co., Piqua, O.
Joseph Shardlow, 116 Fulton St., New York.
E. B. Shields, Hudson, O.
John Sommers' Son, Newark,, N. J.
Vanceboro Mfg. Co., Vanceboro, Me.

4523. TWINE HOLDERS. N. R. Streeter & Co., Rochester, N. Y.
Sam'l C. Tatum Co., Cincinnati, O.

4524. TWIST WOOD WORK.
Newburgh Furniture Mfg. Co., Newburgh, N. Y.

4525. UMBRELLAS. Allison & Lamson, 915 Broadway, New York.
Arnold, Schiff & Co., 253 Church St., New York.
Burrell & Corr, 6 Lispenard St., New York.
A. Cappel, Dayton, O.
Clogg, Wright & Co., 50 Howard St., New York.
George A. Doyle, Elmira, N. Y.
Excelsior Umbrella Mfg. Co., Boston, Mass.
Follmer, Clogg & Co., 414 Broadway, New York.
S. S. Fretz, 22 N. 4th St., Philadelphia, Pa.
Joseph Fussell & Son, 2 N. 4th St., Philadelphia, Pa.
Gans Bros., 467 Broadway, New York.
Alvah Hall & Co., 85 Leonard St., New York.
Hirsh & Bro., 1307 Market St., Philadelphia, Pa.
Kreis, Hubbard & Co., 230 5th Av., Chicago, Ill.
E. C. Kuhn, Cincinnati, O.
Chas. Le Bihan, 1 Barclay St., New York.
W. U. Lewisson & Co., 23 Kingston St., Boston, Mass.
Robert M. Lilley, 65 Court St., Boston, Mass.
Casper Lingemann & Co., Detroit, Mich.
Lustig Bros., 6 Washington St., Chicago, Ill.
Amasa Lyon, 814 Broadway, New York.
Moxey, Gill & Howlett, 915 Filbert St., Philadelphia, Pa.
John O'Hara, 181 Shawmut Av., Boston, Mass.
Peltz & Biderman, 12 Market St., New York.
Rose Bros. & Co., Lancaster, Pa.
Schloss Bros., 620 Broadway, New York.
Adolph Simon, 37 Av. A, New York.

W. N. Stevenson & Co., 103 Franklin St., New York.
Suplee-Reeves-Whiting Co., 823 Filbert St., Philadelphia, Pa.
White & Major, 25 Union Square, W., New York.
M. Winelander & Co., 17 N. 3d St., Philadelphia, Pa.
Worman, Simons & Co., 80 Franklin St., New York.

A. CHILDREN'S CARRIAGE PARASOLS.
Amasa Lyon, 814 Broadway, New York.

B. PARASOLS.
Arnold, Schiff & Co., 253 Church St., New York.
Clogg, Wright & Co., 50 Howard St., New York.
Folmer, Clogg & Co., 414 Broadway, New York.
Jos. Fussell & Son, 2 N. 4th St., Philadelphia, Pa.
Gans Bros:, 467 Broadway, New York.
Hirsh & Bro., 1307 Market St., Philadelphia, Pa.
E. C. Kuhn, Cincinnati, O.
Chas. Le Bihan, 1 Barclay St., New York.
Casper Lingemann & Co., Detroit, Mich.
Lustig Bros., 6 Washington St., Chicago, Ill.
Amasa Lyon, 814 Broadway, New York.
Moxey, Gill & Howlett, 915 Filbert St., Philadelphia, Pa.
Rose Bros. & Co., Lancaster, Pa.
Adolph Simon, 37 Av. A, New York.

C. RUBBER UMBRELLAS.
Goodyear Rubber Co., 787 Broadway, New York.
Goodyear's India Rubber Glove Mfg. Co., 503 B'way, N. Y.
Hodgman Rubber Co., 593 Broadway, New York.

D. UMBRELLAS, GOLD & SILVER HEADED.
Clogg, Wright & Co., 50 Howard St., New York.
J. F. Fradley & Co., Inc., 114 E. 14th St., New York.
Chas. Le Bihan, 1 Barclay St., New York.
Amasa Lyon, 814 Broadway, New York.
Rose Bros. & Co., Lancaster, Pa.
W. N. Stevenson & Co., 103 Franklin St., New York.

E. WAGON UMBRELLAS.
American Awning & Tent Co., 61 E. 12th St., New York.

4526. URINE TEST CASES.
Haussmann & Dunn, 107 S. Clark St., Chicago, Ill.

4527. VACCINE VIRUS.
Codman & Shurtleff, 13 Tremont St., Boston, Mass.

4528. VALISES.
Abel & Bach Co., Milwaukee, Wis.
Geo. B. Bains & Sons, 1028 Chestnut St., Philadelphia, Pa.
Caille & Bolia, Newark, N. J.
Carpeles Co., Milwaukee, Wis.
Chilton-Guthrie Trunk Co., Louisville, Ky.
Crouch & Fitzgerald, 161 Broadway, New York.
L. Goldsmith & Son, Newark, N. J.
Hager & Co., Newark, N. J.
Headley & Farmer Co., Harrison, N. J.
L. W. & R. Lieberman, Atlanta, Ga.
Henry Lissa & Co., 595 Broadway, New York.
Miller & Strockbine, 514 Market St., Philadelphia, Pa.
T. B. Peddie & Co., Inc., Newark, N. J.
Romadka Bros. Co., Milwaukee, Wis.
Schmit Bros. Trunk Co., Oshkosh, Wis.
J. J. Warren Co., Worcester, Mass.

4529. VASES.

A. BRASS VASES.
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Cincinnati Sewer Pipe Co., Cincinnati, O.
Cordley & Hayes, 172 Duane St., New York.
Ewald Over, Indianapolis, Ind.

D. GARDEN VASES.
Abendroth Bros., 109 Beekman St., New York.
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Cincinnati Sewer Pipe Co., Cincinnati, O.
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Van Dorn Iron Works Co., Cleveland, O.

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E. IRON VASES.
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Illinois Iron & Bolt Co., Carpentersville, Ill.
Kohler, Hayssen & Stehn Mfg. Co., Sheboygan, Wis.
Rogers Iron Co., Springfield, O.
Variety Iron Works, York, Pa.

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Oscar Mayer, 27 Fulton St., New York.
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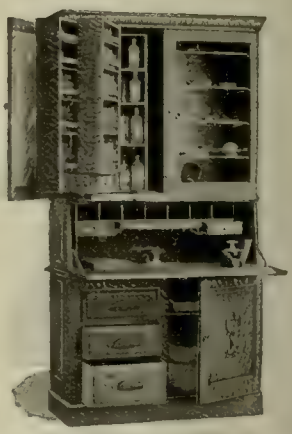

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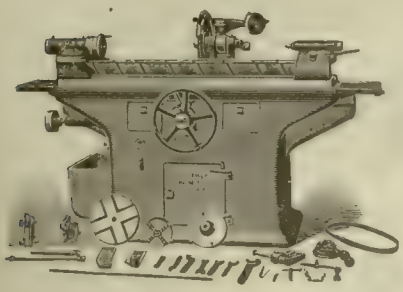

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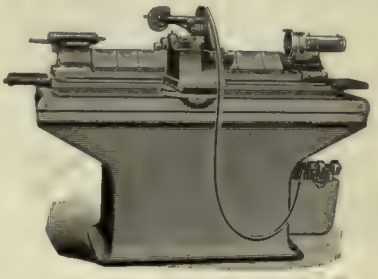

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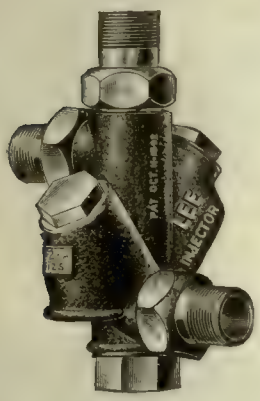

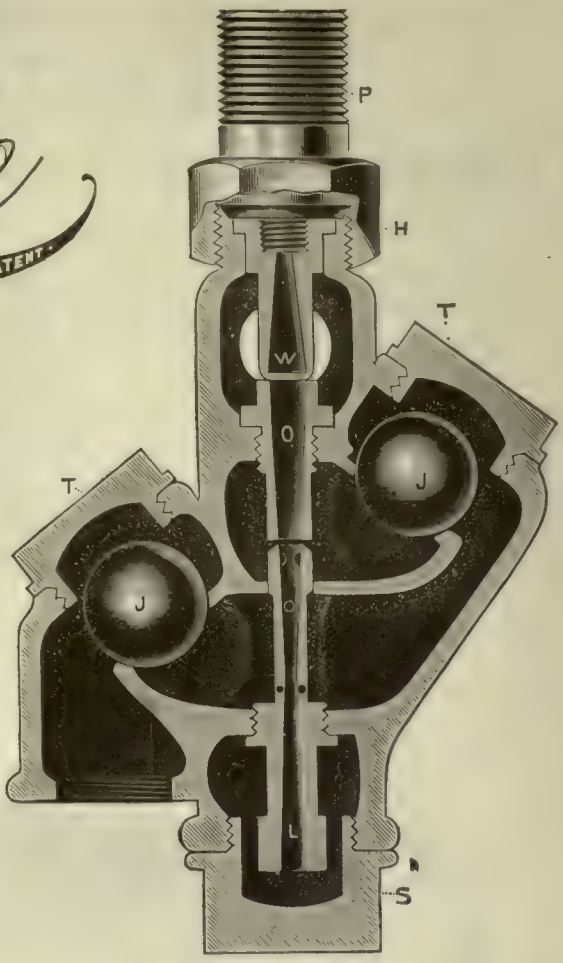

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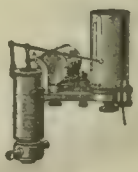
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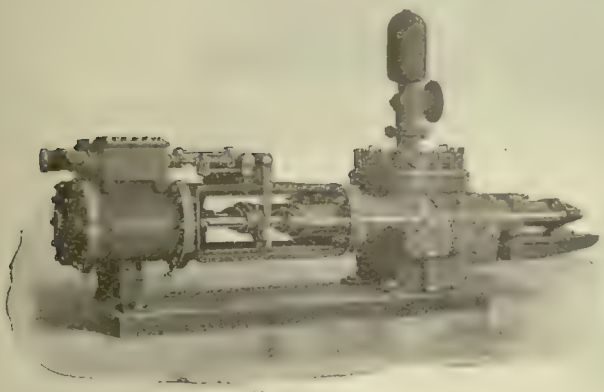

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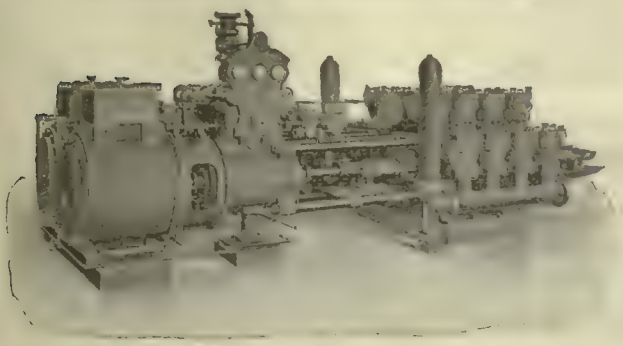

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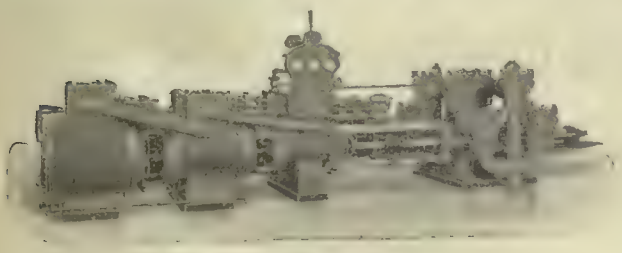

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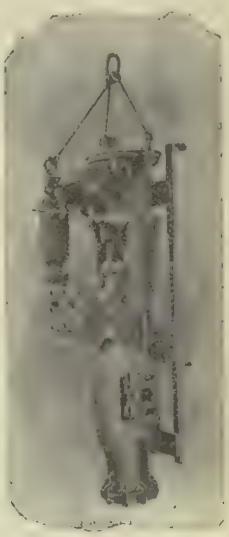

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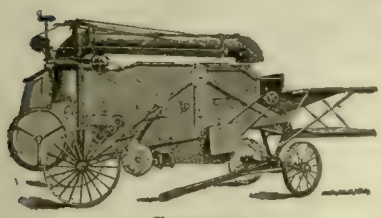

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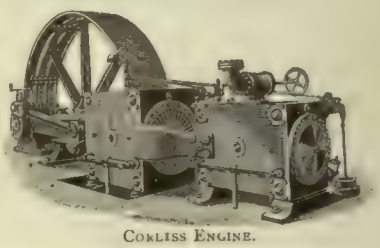

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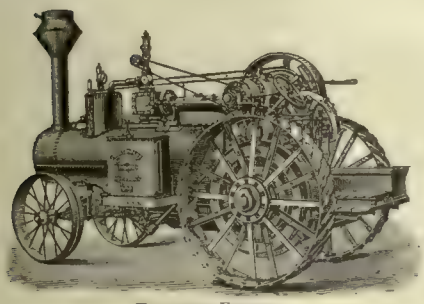

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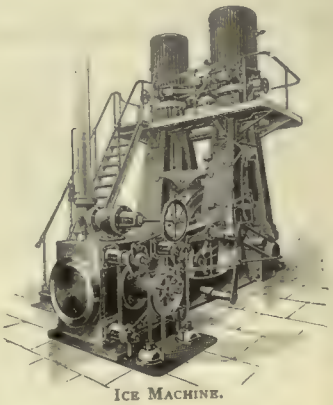

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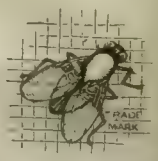

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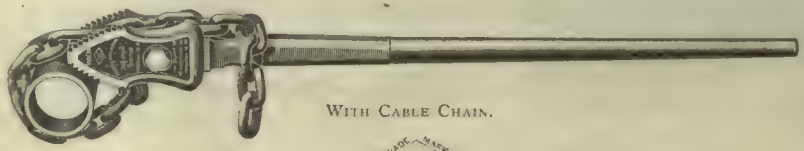

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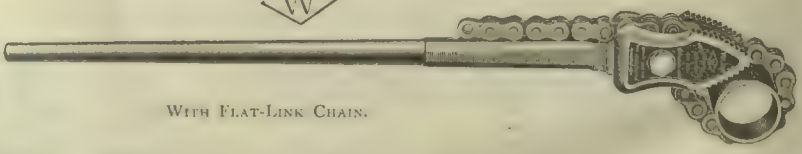

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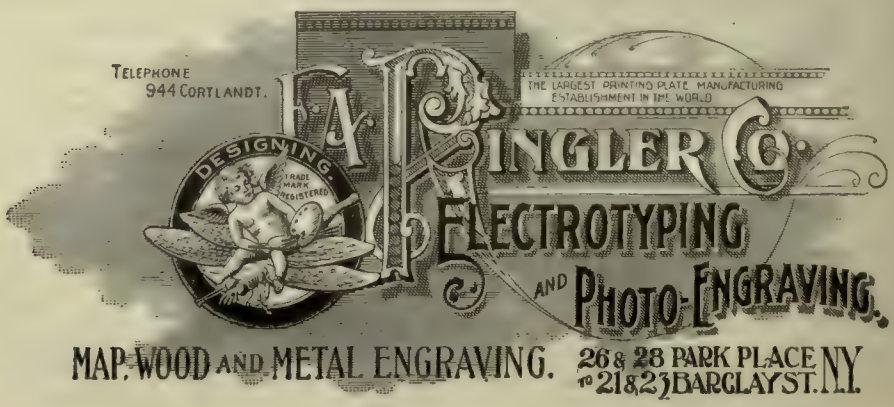

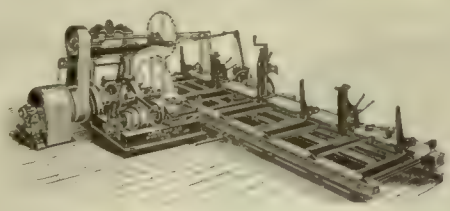

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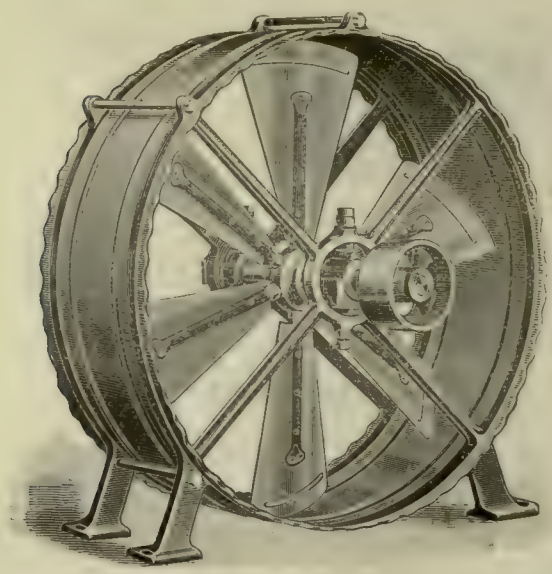

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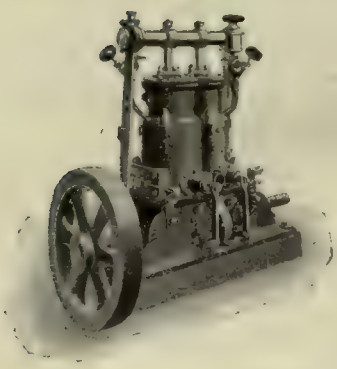

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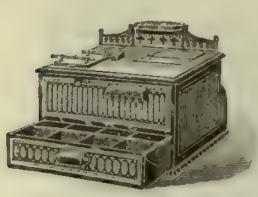

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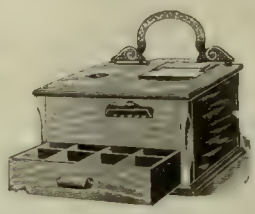

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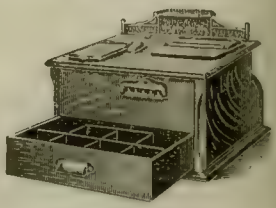

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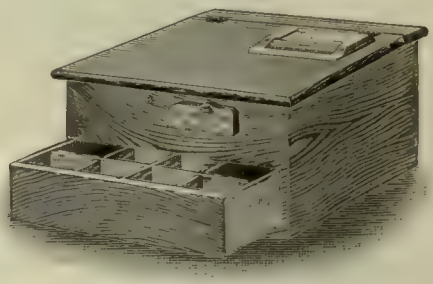

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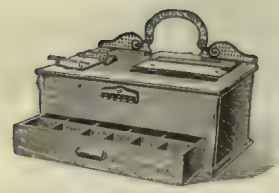

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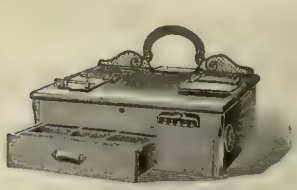

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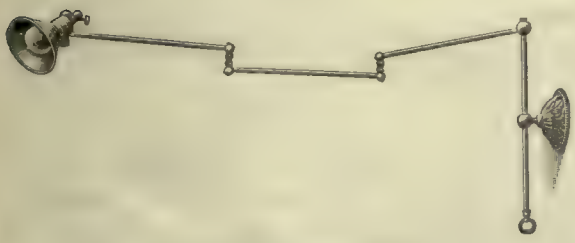

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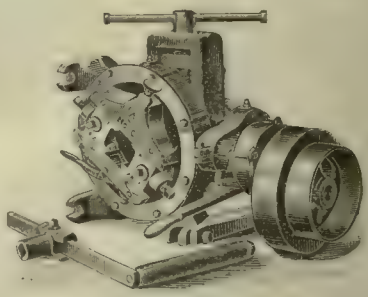

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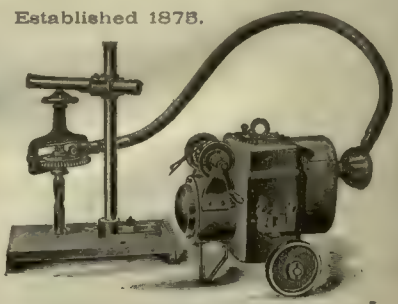

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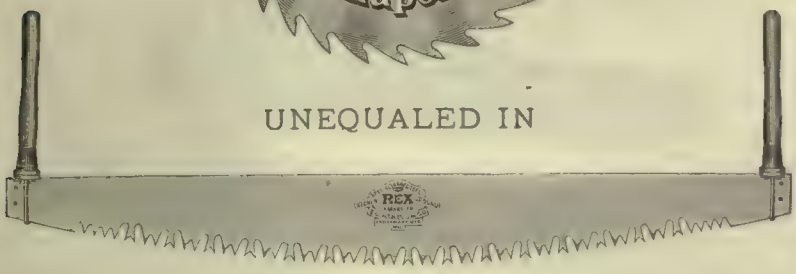

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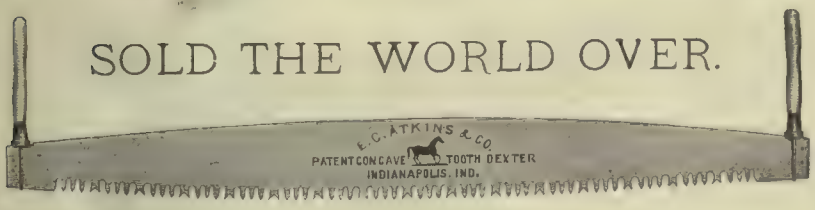

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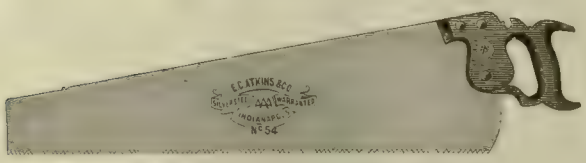

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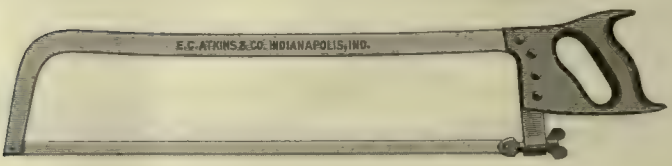

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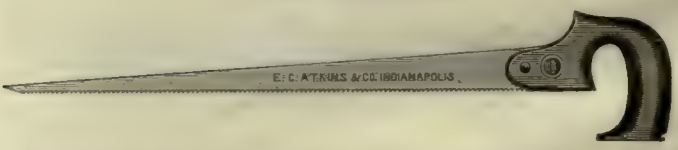
OF EVERY DESCRIPTION.



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By supplying them with hot, pure water, thus preventing the formation of scale. This can be cheaply and certainly accomplished by using.....

STILWELL'S PATENT IMPROVED

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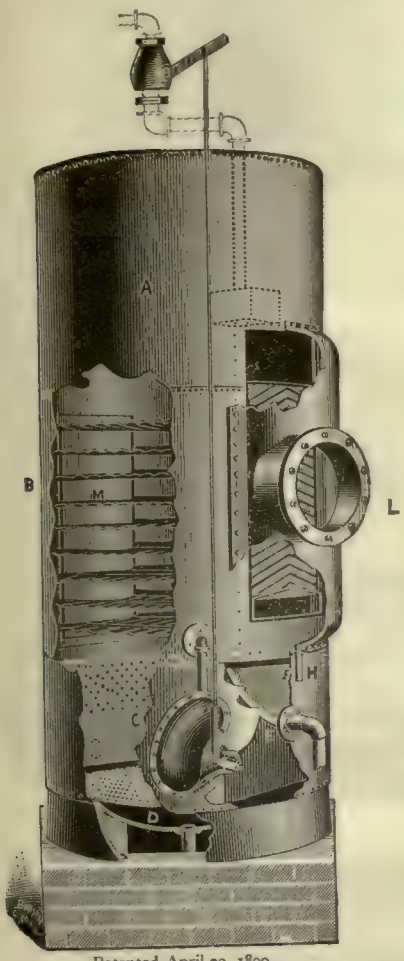

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Remember that it costs nothing to operate this Heater, for it uses only the exhaust steam, thus insuring a large saving not otherwise possible. The lime is deposited upon removable shelves which are easily and quickly cleaned, and the mud, sand, etc., are deposited in the bottom of Heater, from whence they may be drawn off. The feed water is sent to the boiler BOILING HOT AND PURE. The impurities contained in the water are retained in the Heater, instead of being deposited in the boiler, in the form of a non-conducting scale, as is the case when an ordinary Heater is used.

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Recent improvements embodied in this machine effectually overcome every objection hitherto urged by engineers against the use of Open Exhaust Steam Heaters.

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INCANDESCENT LAMPS.

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Our New Type Double-Filament Lamp

Conceded to be the Acme of Perfection in Modern Lamp Manufacture.

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4 Candle Power, 16 Watts.

We are the only manufacturers of 4 Candle Power Multiple Lamps which are guaranteed to consume but 16 Watts.

The light is all thrown to the end of the bulb, which makes the letters clear and distinct, instead of blurring them as in the regular 8 or 16 candle power lamps, where the light is thrown sidewise.

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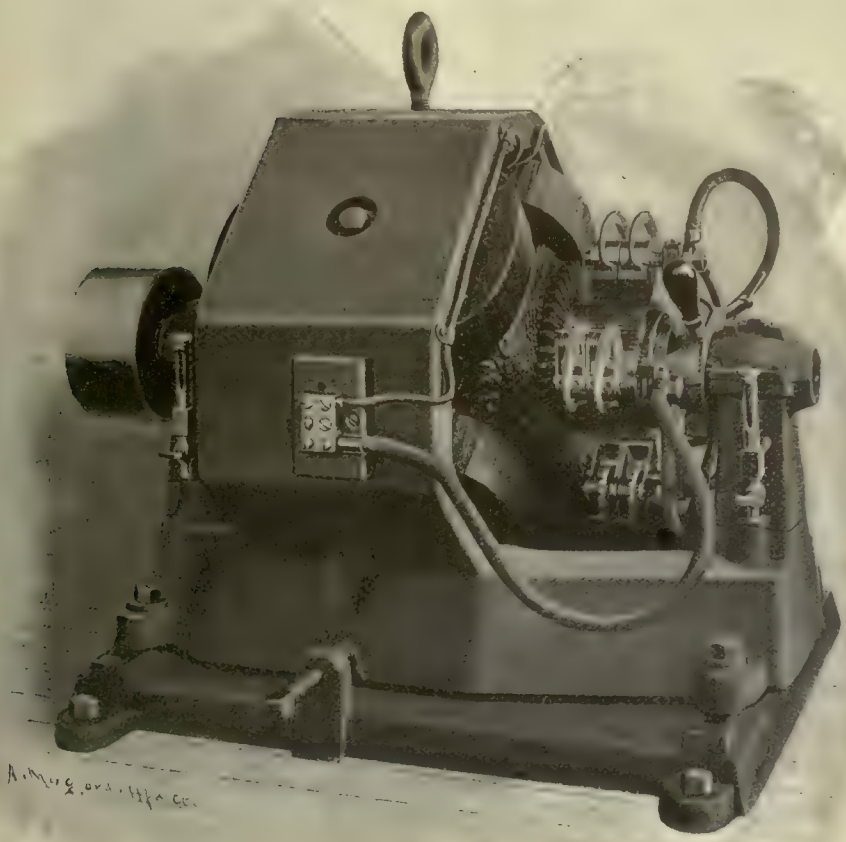

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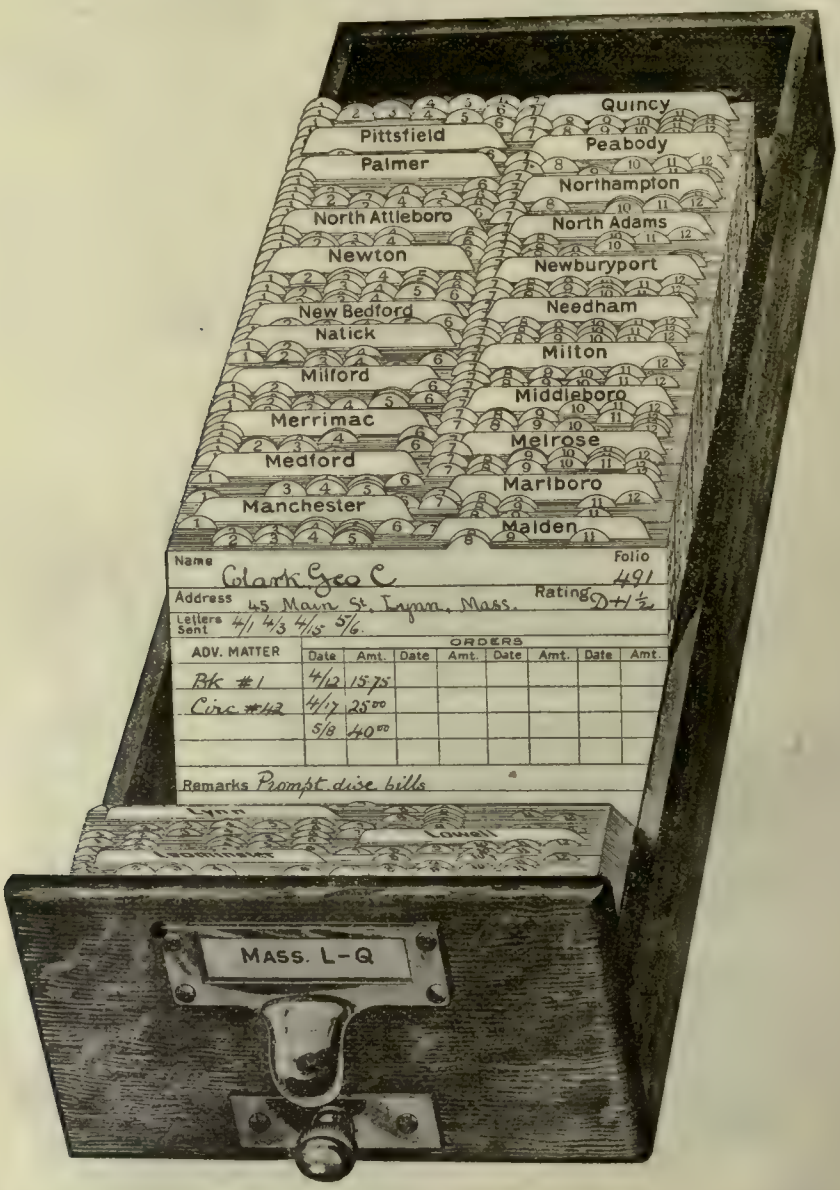

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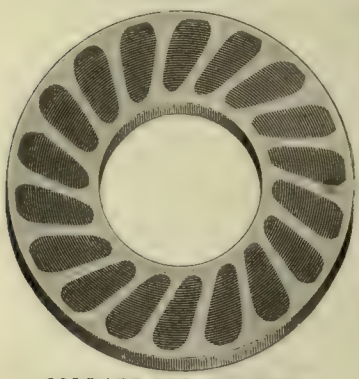

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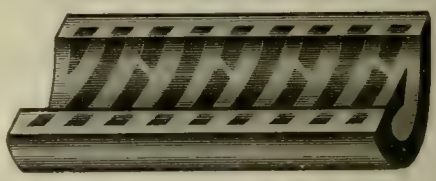

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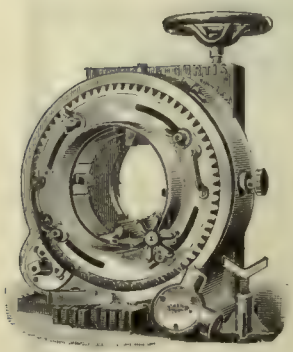

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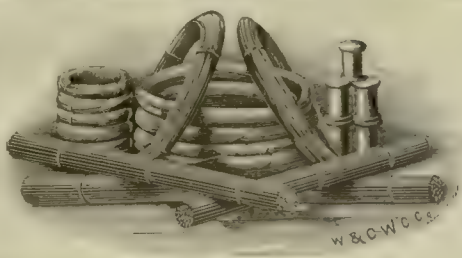

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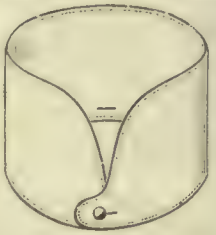

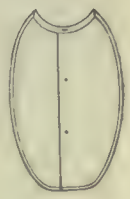

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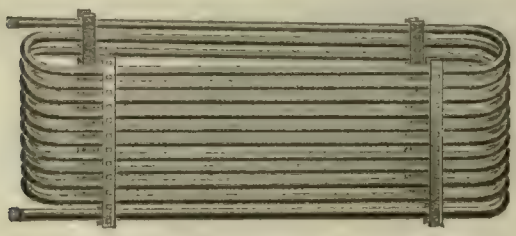

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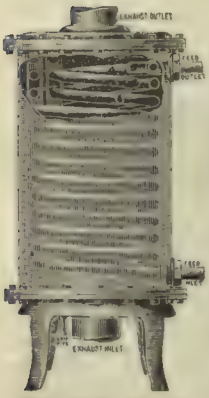
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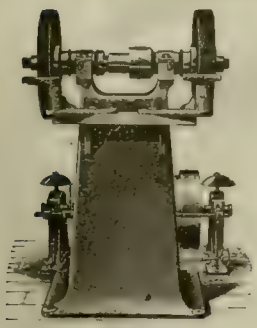

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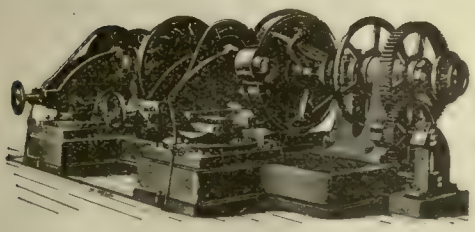

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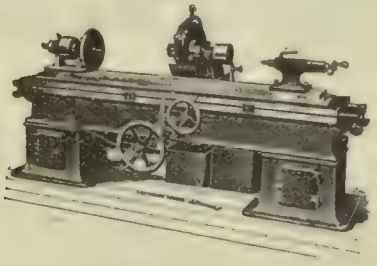

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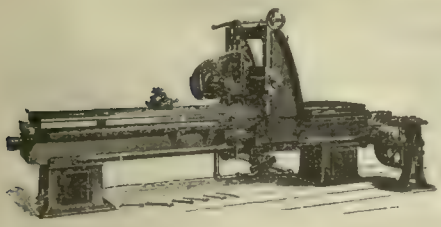

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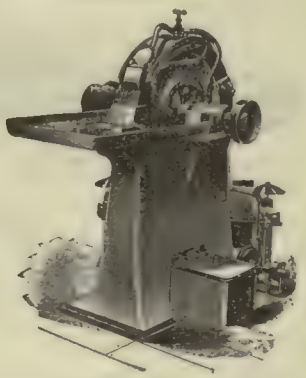

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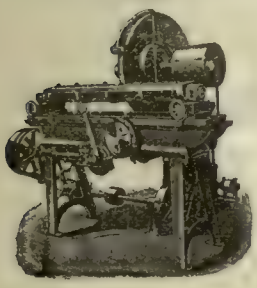

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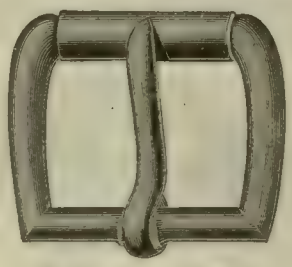

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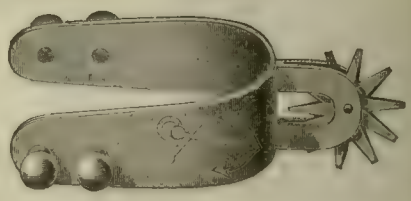

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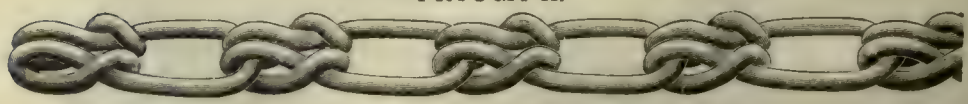

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Cuts pipe.....	⅛ to 1¼ in.	½ to 2 in.	1¼ to 3 in.

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Length of Lever....	27 in.	37 in.	50 in.	60 in.	72 in.	84 in.
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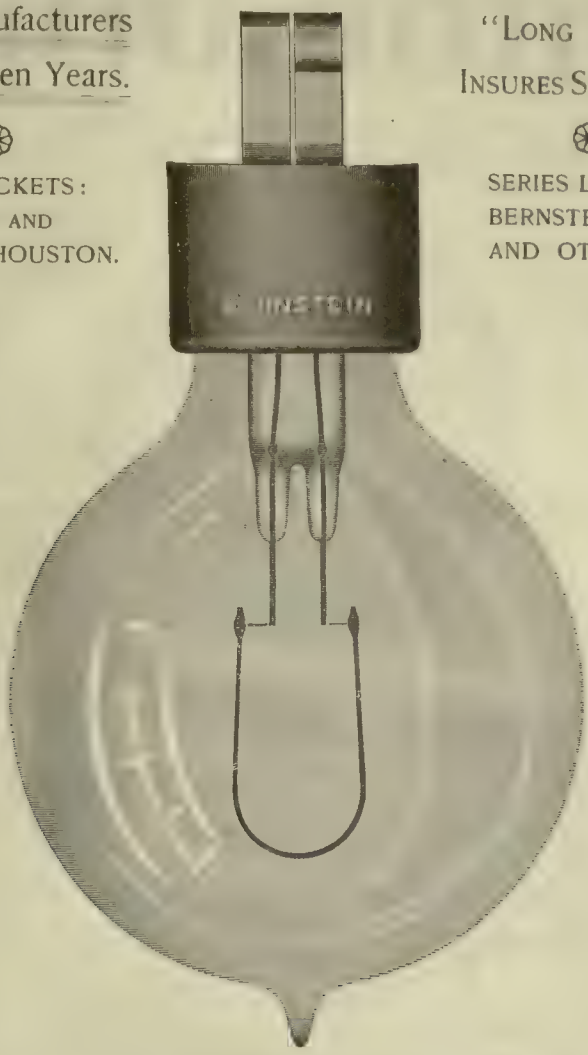

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Due attention is given to highway development and road construction, with reference to the wider and more intense demands upon our common

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